





Key Metropolitan Projects Identified in the CAMP4W Process

MWDOC Joint Board Workshop

July 1, 2026

Metropolitan's Climate Adaptation Master Plan for Water (CAMP4W)

The CAMP4W Process

- Metropolitan's decision-making framework
- Standardized methodology to evaluate projects and programs
- Examines projects/programs against evaluative criteria and time-bound targets
- Output = Information to support the Board with decisions on major long-term investments
- Adaptable and flexible

CAMP4W
Climate Adaptation Master Plan for Water

Evaluative Criteria

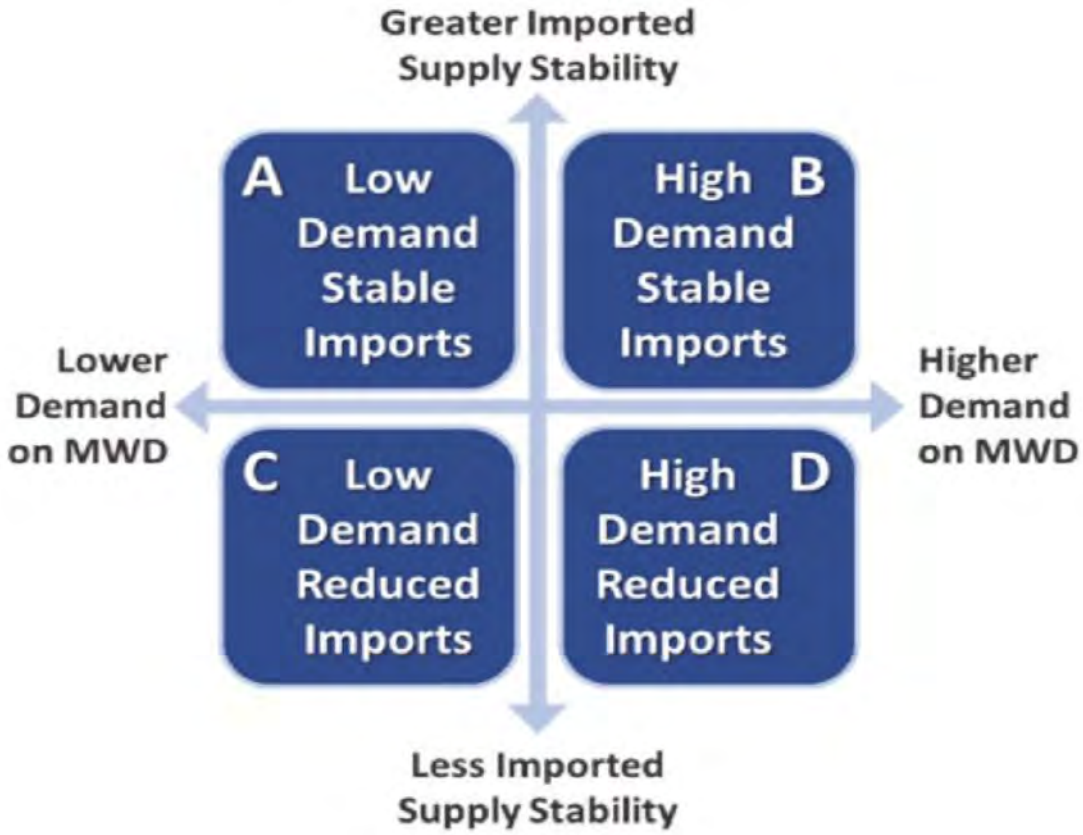
- Reliability
- Resilience
- Equity
- Adaptability and Flexibility
- Financial Sustainability and Affordability
- Environmental Co-Benefits

Why is CAMP4W Needed?

Metropolitan's Future Planning Scenarios

Four scenarios with different assumptions

- Represent divergent outcomes of imported supply stability and demand trends on Metropolitan
- Explores additional uncertainties for various factors, including:
  - Climate
  - Population growth
  - Regulatory requirements
  - Economy
- Scenario analysis identified potential annual net shortages from 0 AF under Scenario A to 1.2 million acre-feet (MAF) under Scenario D



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Reassessing Projects for CAMP4W Readiness

Individual Projects and Programs Under Consideration

(level of detail varies depending on project maturity)

1) Pure Water Southern California (45 MGD stage, 75 MGD stage, 150 MGD project)
2) Sites Reservoir (22% participation)
3) Delta Conveyance Project (47% share)
4) South of Delta Surface Storage
5) Sepulveda Stage 2
6) Regional Conveyance
7) Groundwater storage (in and out of region)
8) In-Delta Investments
9) Conservation and efficiency programs

Pure Water Southern California (PWSC)

Project:

- Base-loaded recycled water project between Metropolitan and Los Angeles County Sanitation Districts
- Multiple project stages are being evaluated by Metropolitan, including a 45 MGD, 75 MGD, and 150 MGD project

Benefits to Metropolitan:

- Reliable and local supply
- At full build-out, the project could produce up to 150 MGD of purified water for direct or indirect potable reuse

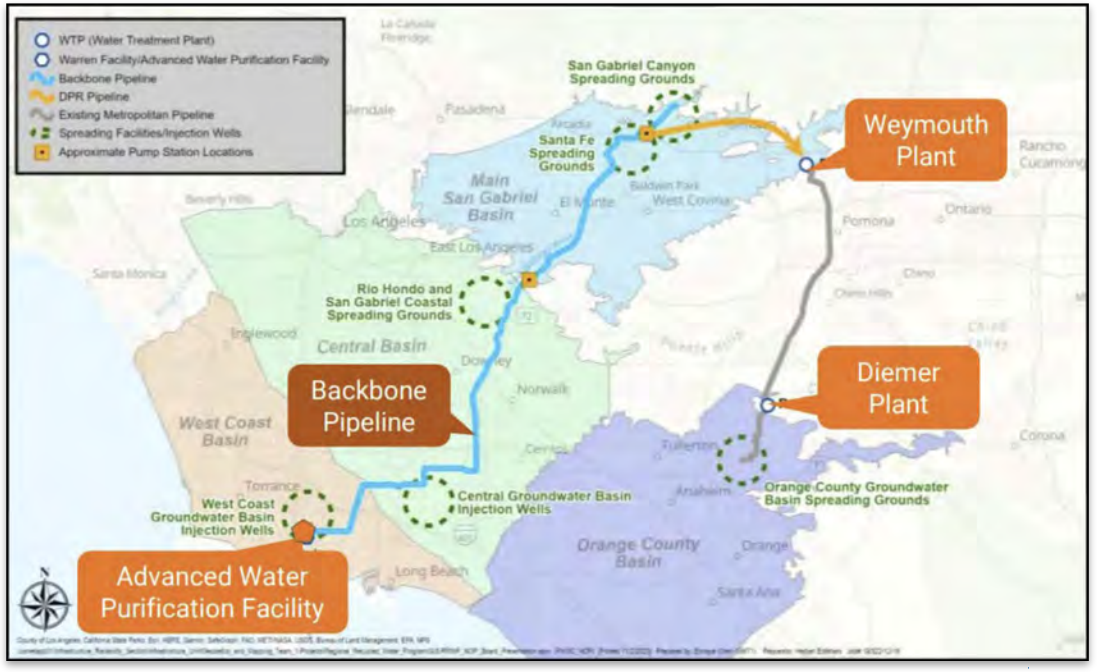
Cost:

- Varies on project stage, with projected maximum cost to Metropolitan being $9.8 billion (2025 $)

Status and Next Steps:

- Metropolitan Board is anticipated to take action on funding for project design in late 2026

Capacity	Metropolitan's Share of Costs ($ Billion)	Online Year
45 MGD	$2.9 B	2035
75 MGD	$7.1 B	2036
150 MGD	$9.8 B	2041



Sites Reservoir

Project:

- Off-stream storage project with a total capacity of 1.5 million acre-feet intended to capture excess flows from the Sacramento River during wet years

Benefits to Metropolitan:

- 22% participation
- Approximately 312 thousand acre-feet (TAF) of storage
- Ability to receive 32 TAF per year from project

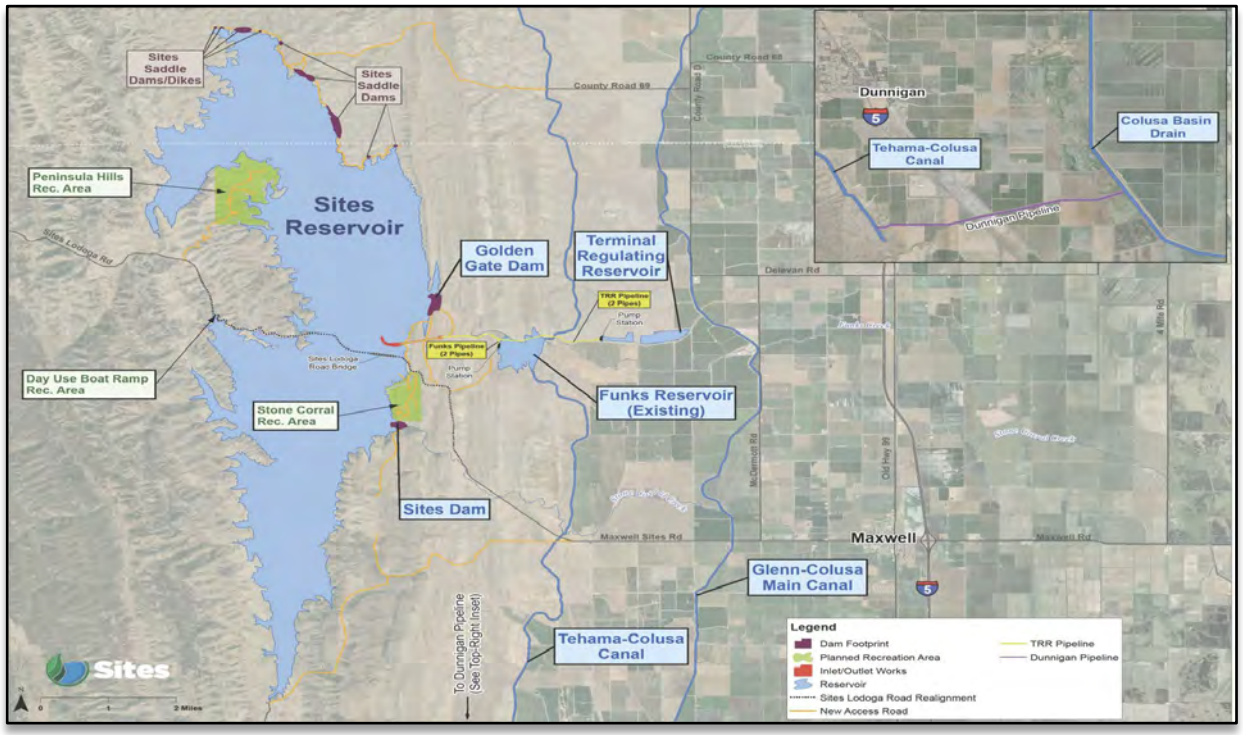
Cost:

- $1.7 B

Status and Next Steps:

- Anticipated Board action on funding for project in late 2026 or early 2027

Metropolitan Project Participation	Metropolitan's Share of Costs ($ Billion)	Online Year
22%	$1.7 B	2033



Delta Conveyance Project

Project:

- Water infrastructure project that would construct a single, 45-mile-long tunnel to transport water beneath the Sacramento-San Joaquin Delta

Benefits to Metropolitan:

- Project expected to provide up to 190 TAF of supply annually
- Improves State Water Project system reliability and resilience

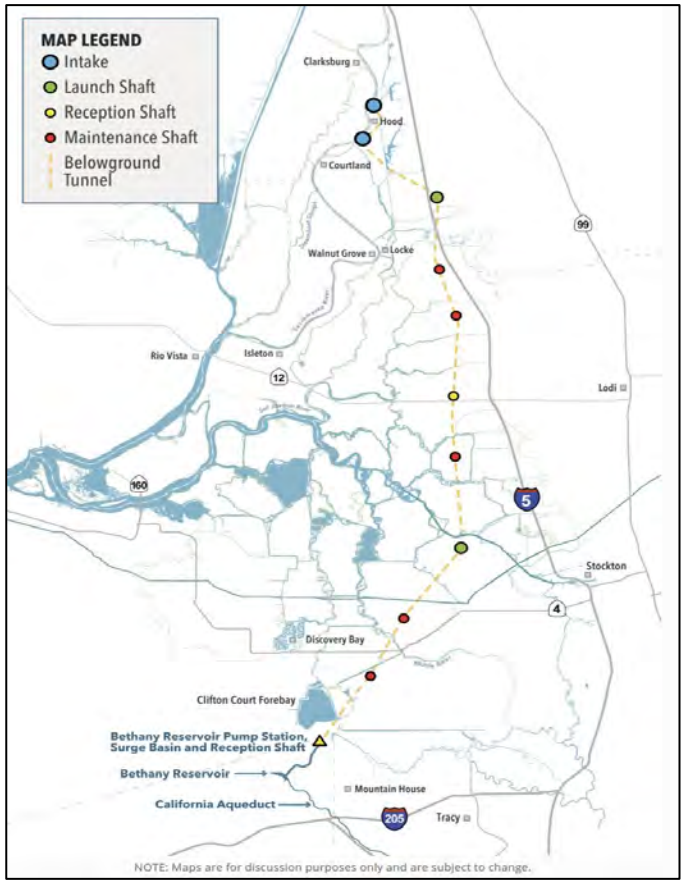
Cost:

- $10.1 B

Status and Next Steps:

- DCP anticipated to receive a CAMP4W assessment late 2026 or early 2027
- Metropolitan currently funds planning efforts associated with the DCP ($116 million in FY 2026/27 & 2027/28)
- A decision by the Metropolitan Board for final design and construction is anticipated sometime in 2027

Metropolitan Project Participation	Metropolitan's Share of Costs ($ Billion)	Online Year
47%	$10.1 B	2045



CAMP4W Assessments – Progress and Next Steps

APR '25
Board Approved CAMP4W Strategy

JULY '25
Preliminary Pure Water CAMP4W Assessment

SEPT '25
Pure Water (3 stages) & Sites Reservoir CAMP4W Assessments

SEPT – DEC '25
Staff Assessed DCP and Test Portfolios

JAN – MAY '26
Internal Review of Assessments and Process

MAY '26
Shared Lessons Learned and Low Regret Options

MAY – AUG '26
Refine and Integrate CAMP4W Assessments

Fall/Winter '26-'27
Board Deliberation (Pure Water and Sites)

Upcoming Board CAMP4W Discussions

- **May**:CAMP4W Subcommittee
- **July**: CAMP4W OWA Quarterly Update
- **Sept**: CAMP4W Board Workshop

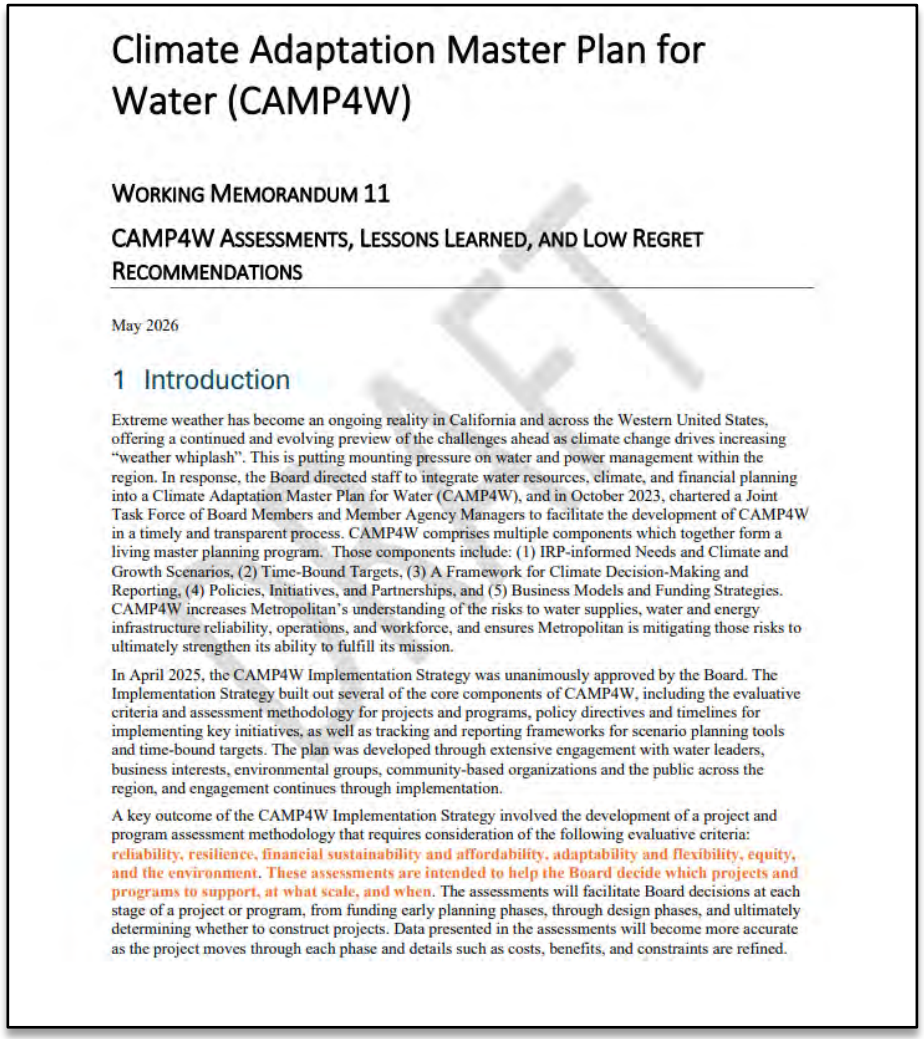
What's Next for CAMP4W

Metropolitan Staff Recommendations*:

- Continue pursuing low regret investments that maintain flexibility and provide benefits across a range of future scenarios
- Refine methodology for assessing projects and programs together to understand synergies, timing, and tradeoffs
- Compile board support information for Board decision-making at the end of the year

Feedback on Recommendations for Consideration:

- Steps to advance the CAMP4W process from the evaluation of individual projects to portfolio-based planning
- Clear definition of "low-regret" project and program recommendations
- Weighing inconsistencies of projects and programs maturity levels



Climate Adaptation Master Plan for Water (CAMP4W)

WORKING MEMORANDUM 11

CAMP4W ASSESSMENTS, LESSONS LEARNED, AND LOW REGRET RECOMMENDATIONS

May 2026

1 Introduction

Extreme weather has become an ongoing reality in California and across the Western United States, offering a continued and evolving preview of the challenges ahead as climate change drives increasing "weather whiplash". This is putting mounting pressure on water and power management within the region. In response, the Board directed staff to integrate water resources, climate, and financial planning into a Climate Adaptation Master Plan for Water (CAMP4W), and in October 2023, chartered a Joint Task Force of Board Members and Member Agency Managers to facilitate the development of CAMP4W in a timely and transparent process. CAMP4W comprises multiple components which together form a living master planning program. Those components include: (1) IRP-informed Needs and Climate and Growth Scenarios, (2) Time-Bound Targets, (3) A Framework for Climate Decision-Making and Reporting, (4) Policies, Initiatives, and Partnerships, and (5) Business Models and Funding Strategies. CAMP4W increases Metropolitan's understanding of the risks to water supplies, water and energy infrastructure reliability, operations, and workforce, and ensures Metropolitan is mitigating those risks to ultimately strengthen its ability to fulfill its mission.

In April 2025, the CAMP4W Implementation Strategy was unanimously approved by the Board. The Implementation Strategy built out several of the core components of CAMP4W, including the evaluative criteria and assessment methodology for projects and programs, policy directives and timelines for implementing key initiatives, as well as tracking and reporting frameworks for scenario planning tools and time-bound targets. The plan was developed through extensive engagement with water leaders, business interests, environmental groups, community-based organizations and the public across the region, and engagement continues through implementation.

A key outcome of the CAMP4W Implementation Strategy involved the development of a project and program assessment methodology that requires consideration of the following evaluative criteria: reliability, resilience, financial sustainability and affordability, adaptability and flexibility, equity, and the environment. These assessments are intended to help the Board decide which projects and programs to support, at what scale, and when. The assessments will facilitate Board decisions at each stage of a project or program, from funding early planning phases, through design phases, and ultimately determining whether to construct projects. Data presented in the assessments will become more accurate as the project moves through each phase and details such as costs, benefits, and constraints are refined.

*Metropolitan staff recommendations from "Working Memorandum 11" presented at the May 26 Subcommittee on CAMP4W

Discussion

- Information needed for informed decision-making?
- Near-term priorities?

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Master Plan for Water