



One Water and Adaptation Committee

Public Hearing for Metropolitan's 2025 Urban Water Management Plan and Water Shortage Contingency Plan

Item 1a

April 13, 2026

Presented by: David H. Sumi

Item 1a
Public Hearing
for
Metropolitan's
2025 Urban
Water
Management
Plan and Water
Shortage
Contingency
Plan

Subject

Public Hearing for Metropolitan's 2025 Urban Water Management Plan and Water Shortage Contingency Plan

Purpose

Provide information to review Metropolitan's Draft 2025 Urban Water Management Plan and Draft 2025 Water Shortage Contingency Plan prior to Board adoption action in May 2026.

Public Hearing Items



2025 Urban Water Management Plan

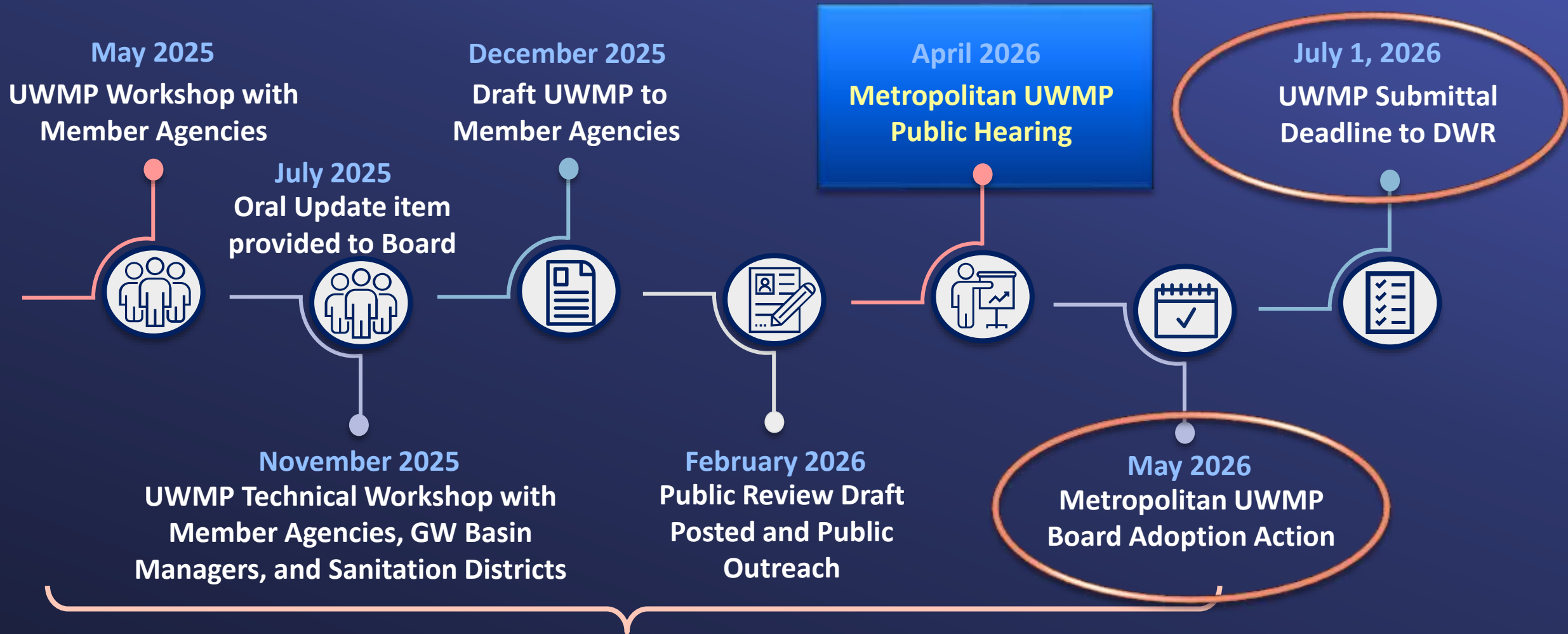
- Demonstrates Metropolitan's water supply reliability in normal and dry water years, as required by the UWMP Act



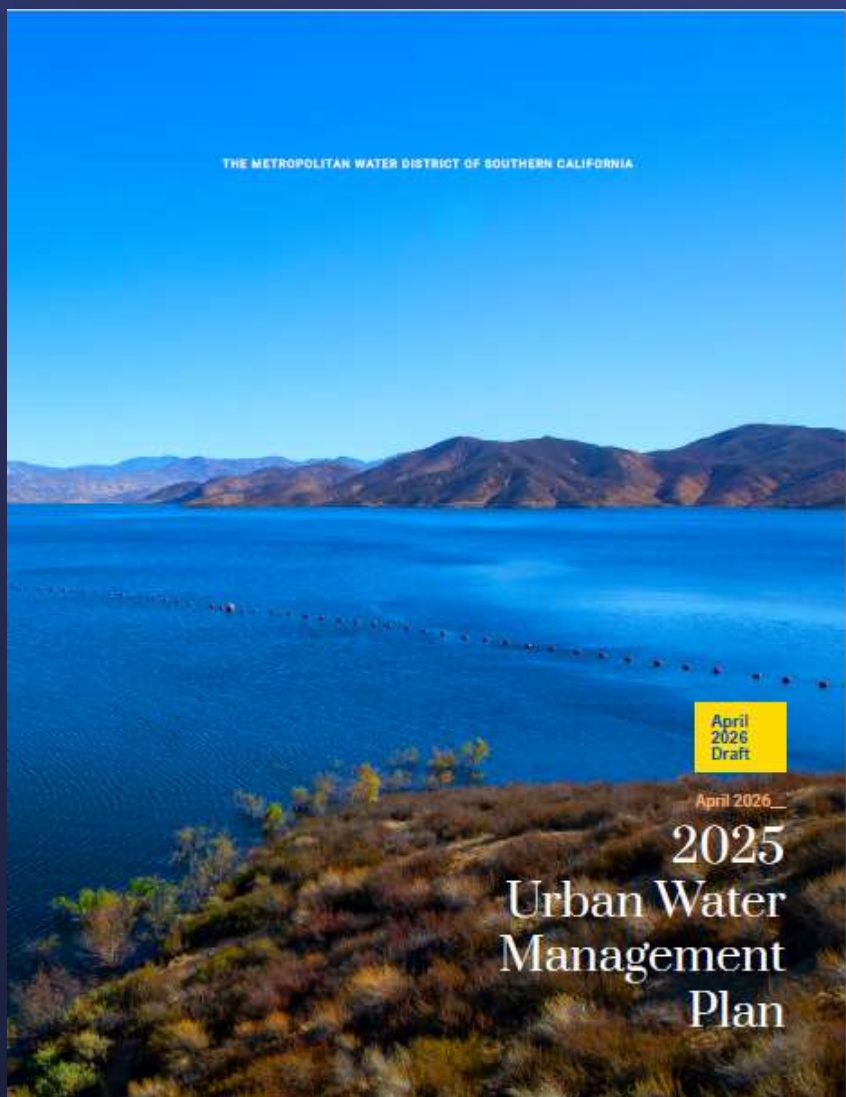
2025 Water Shortage Contingency Plan

- Metropolitan's efficient management and planned actions to respond to water shortage conditions

Timeline for MWD's 2025 UWMP and WSCP



Ongoing Internal Work and Check-Ins at Member Agency Managers Meetings



Draft 2025 Urban Water Management Plan (UWMP)

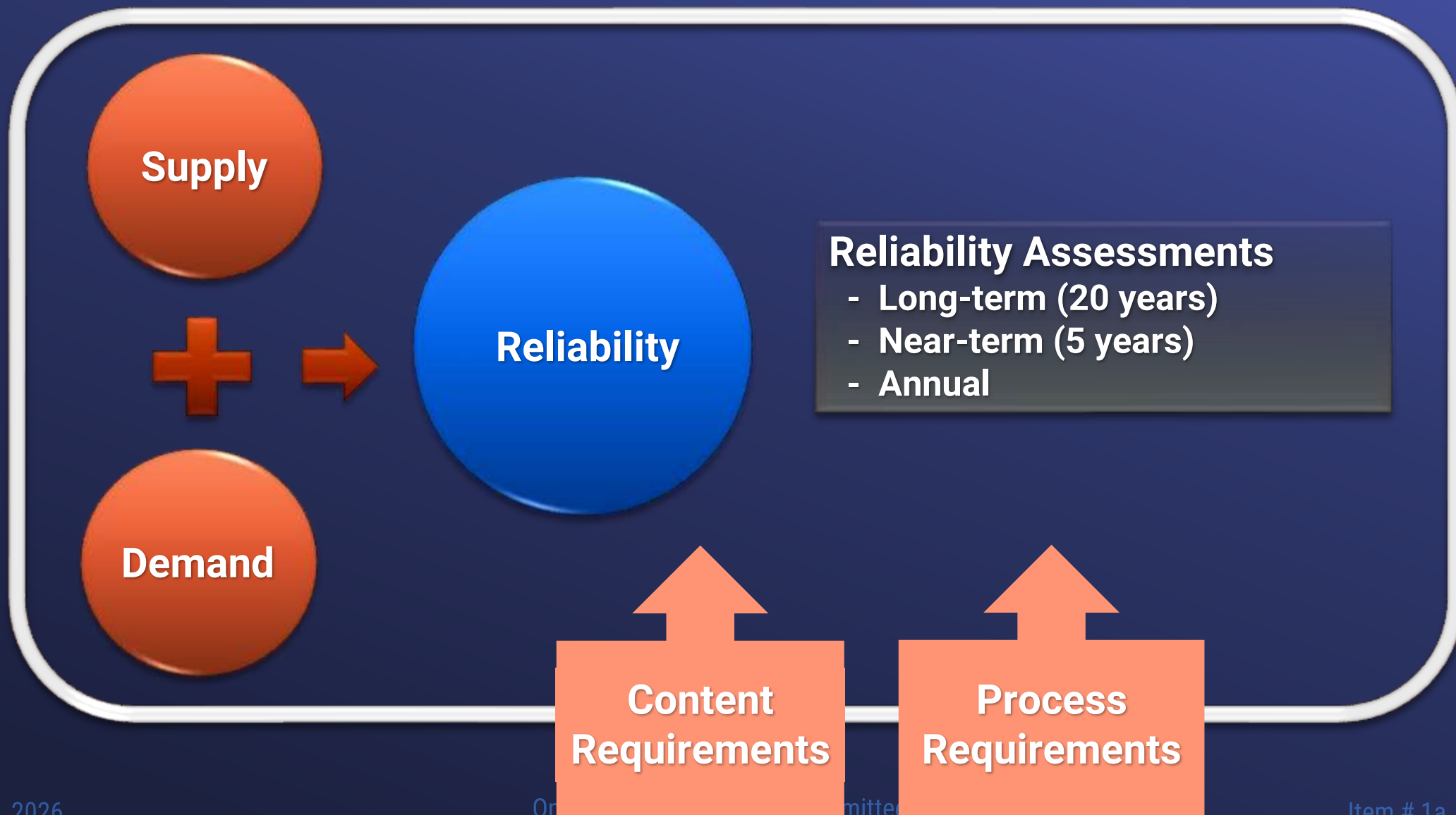
2025 UWMP Background

Urban Water Management Plan



- Urban Water Management Planning Act of 1983
 - Purpose: To ensure, and demonstrate to the State, that there are adequate water supplies for existing and future demands under various hydrologic scenarios
 - Every urban water supplier providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually
- Plans must be filed with DWR every 5 years
 - 2025 UWMP is the 9th reporting cycle since inception of the Act
 - Deadline: July 1, 2026
- No new requirements for wholesalers

What should be included in the UWMP?



Structure of Metropolitan's 2025 UWMP



Summary of Compliance

- Checklist of CWC Sections

Executive Summary

- Summary of assumption and results of reliability assessments

The Plan

- Introduction
- Planning for the Future
- Implementing the Plan
- Water Quality
- Coordination and Outreach

Appendices

- Demand forecasting
- Existing Regional Water Supplies
- Justifications for Supply Projections
- Water Shortage Contingency Plan
- Local Supply Projects
- Conservation Savings Estimates
- Emergency Storage Objective
- Seismic Risk Assessment and Mitigation Plan
- Energy Intensity Information
- Reduced Delta Reliance
- DWR Submittal Tables

Reference Materials will be made available on Metropolitan's website

April 13, 2026

One Water & Adaptation Committee

Item # 14 - Slide 8

Draft Urban Water Management Plan



Metropolitan's Reliability Assessments

- Metropolitan's reliability assessment is developed by comparing
 - Projections of demand on Metropolitan (Water Use)
 - Projections of Metropolitan supply capability (Water Supply)
- Long-term assessment in 5-year increments for 2030 to 2050
 - Normal Water Year
 - Single Dry Year
 - Drought Lasting Five Consecutive Dry Years
- Near-term assessment for 2026 to 2030
 - Drought Risk Assessment based on driest 5-year sequence for supply

Metropolitan's Reliability Assessments

Water Use

- Total Retail Demand
 - Retail M&I (SCAG RTP 24 and SANDAG Series 15)
 - Agricultural, Seawater Barrier, Replenishment demands
- minus Conservation Adjustment
 - Active, Code based, Price-effect conservation and Pre-1990 savings
- minus Local Supply Production
 - Consistent with Member Agency estimates
 - GW, SW, LAA, Desal, GW Recovery, Recycling

- **Demand on Metropolitan**

Supply Capability

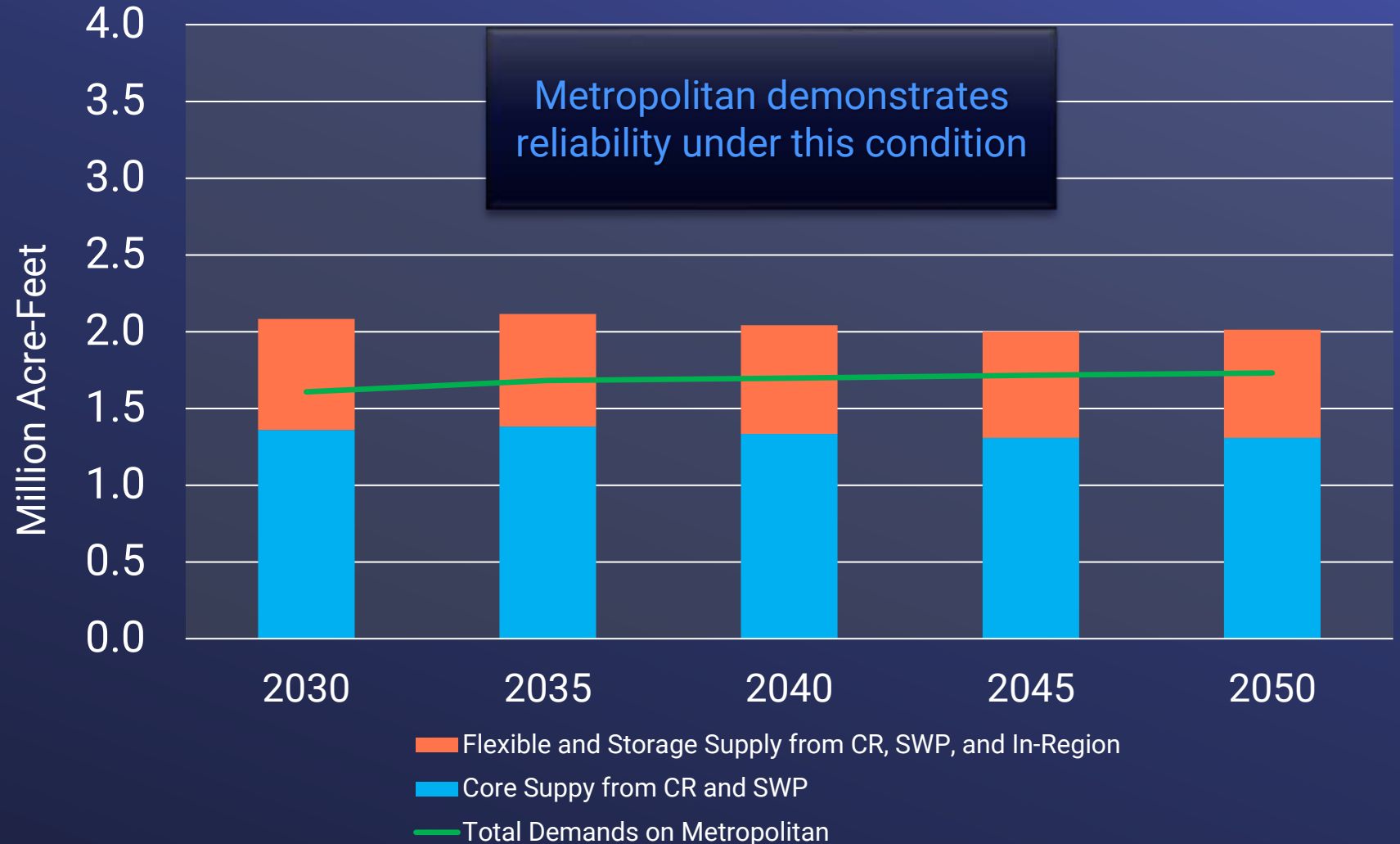
- Colorado River basic apportionment and supply programs
 - USBR CRSS model run with continued Drought Contingency Plan
- SWP supplies and storage and transfer programs
 - Draft 2025 DWR Delivery Capability Report without Delta Conveyance
- In-region storage
 - Surface and groundwater storage programs

Reflects analysis updated since April Draft

Draft Urban Water Management Plan



5-Year Consecutive Drought Supply and Demand Projected under repeat of 1988-1992 Hydrology

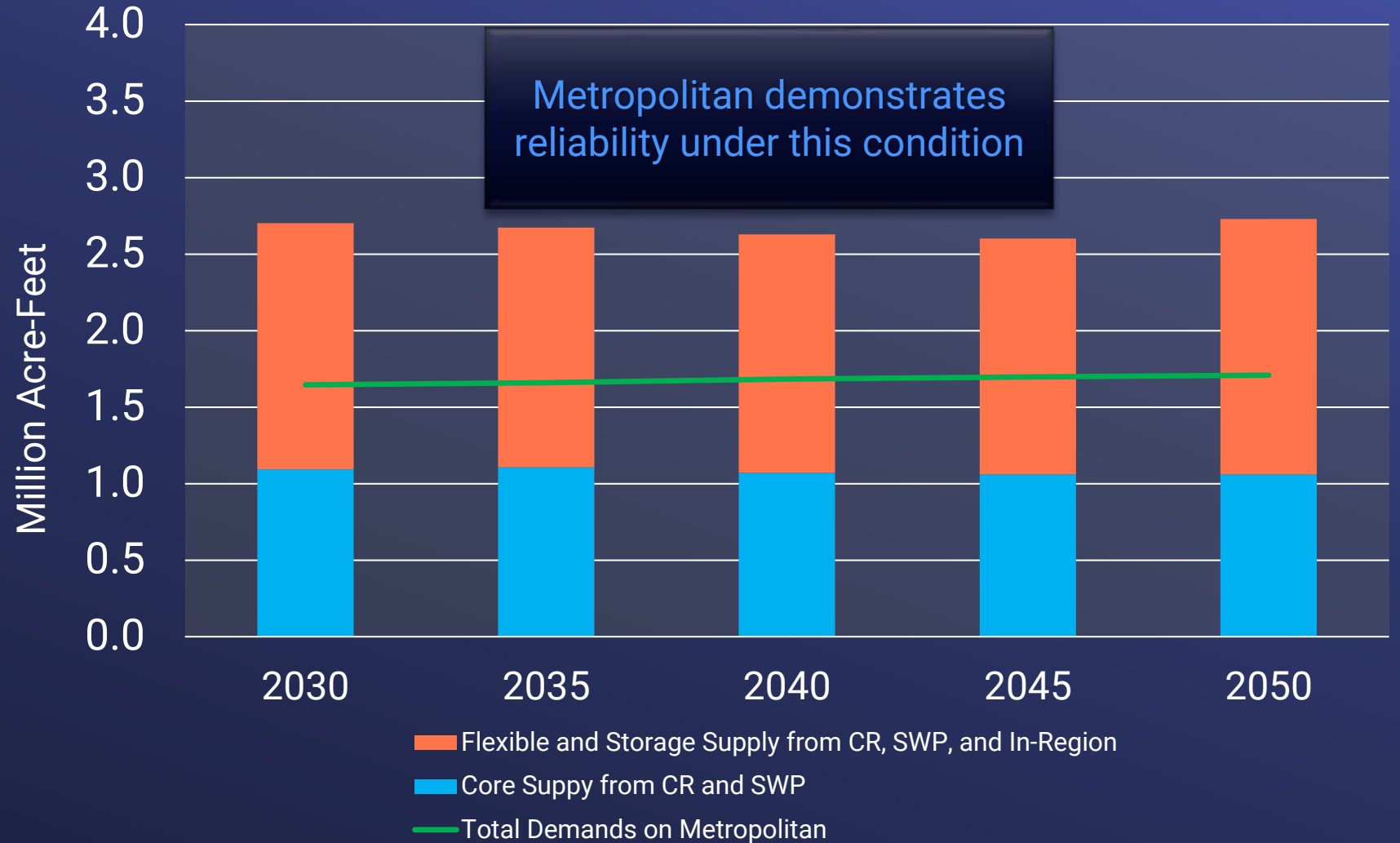


Reflects analysis updated since April Draft

Draft Urban Water Management Plan



Single Dry Year Supply and Demand Projected under repeat of 1977 Hydrology

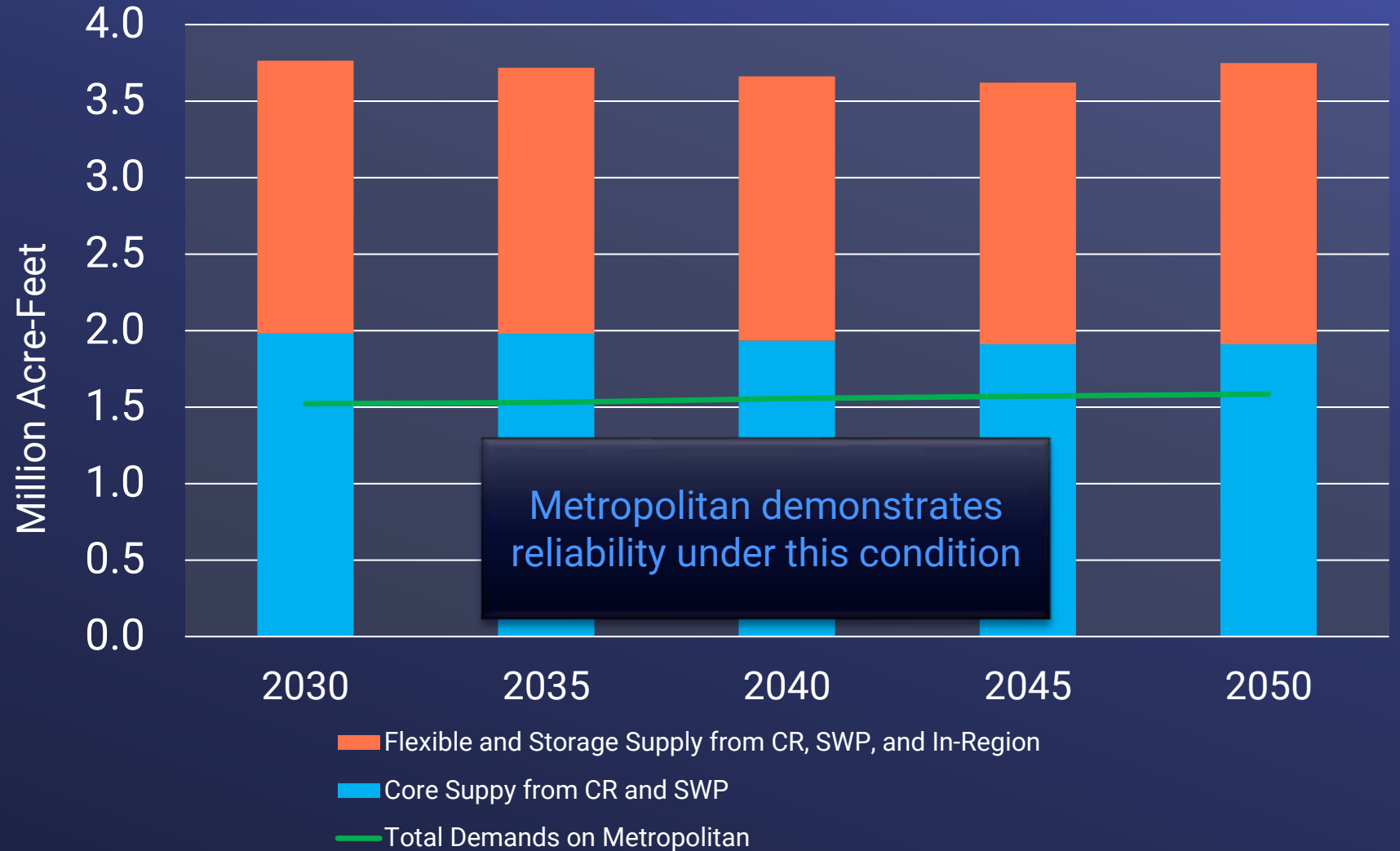


Reflects analysis updated since April Draft

Draft Urban Water Management Plan



Normal Year Supply and Demand Projected under average of 1922-2021 Hydrology

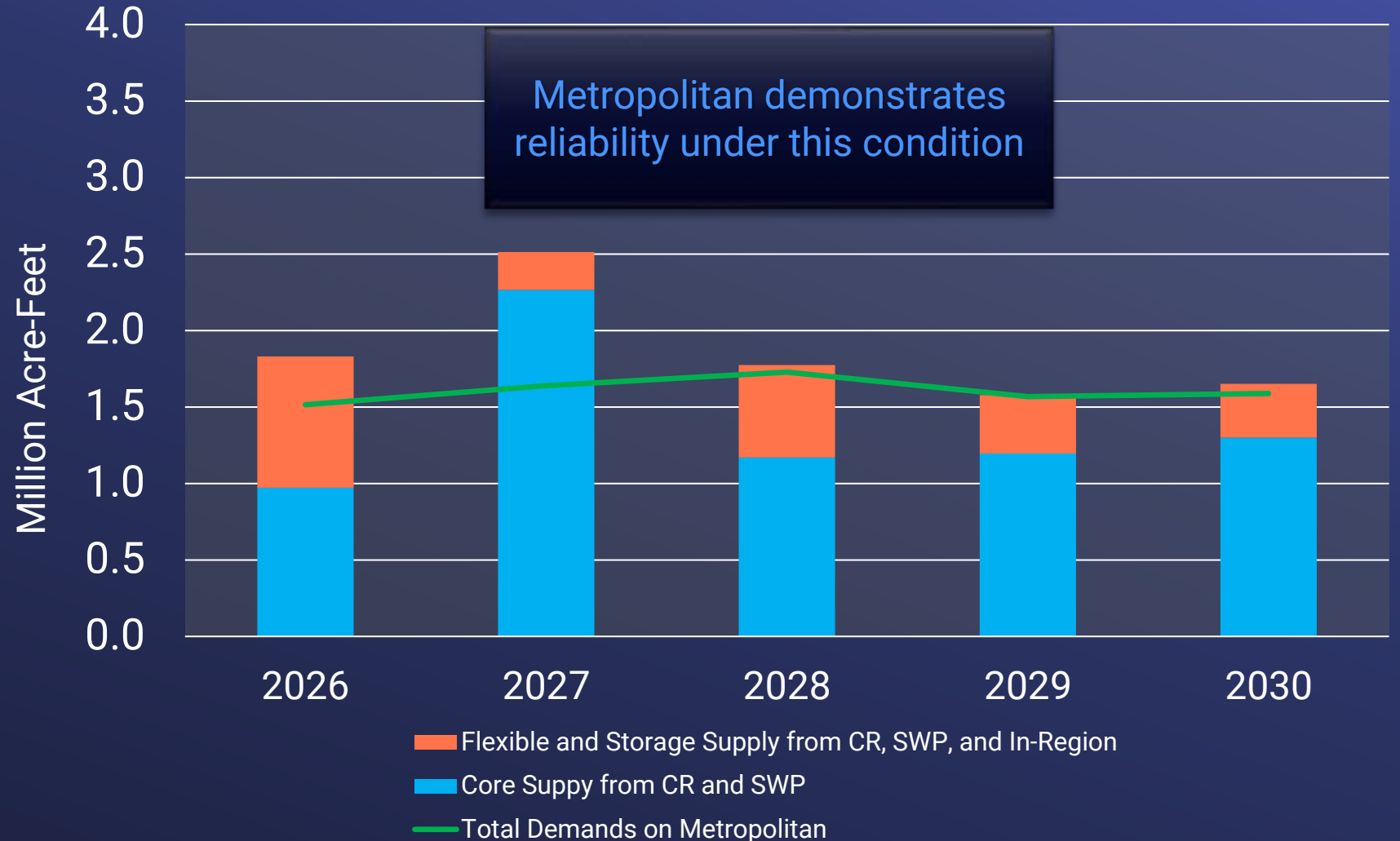


Reflects analysis updated since April Draft

Draft Urban Water Management Plan



Near-Term Drought Risk Assessment for 2026-2030 Projected under repeat of 1988-1992 Hydrology



Draft Urban Water Management Plan



Metropolitan's 2025 UWMP Findings

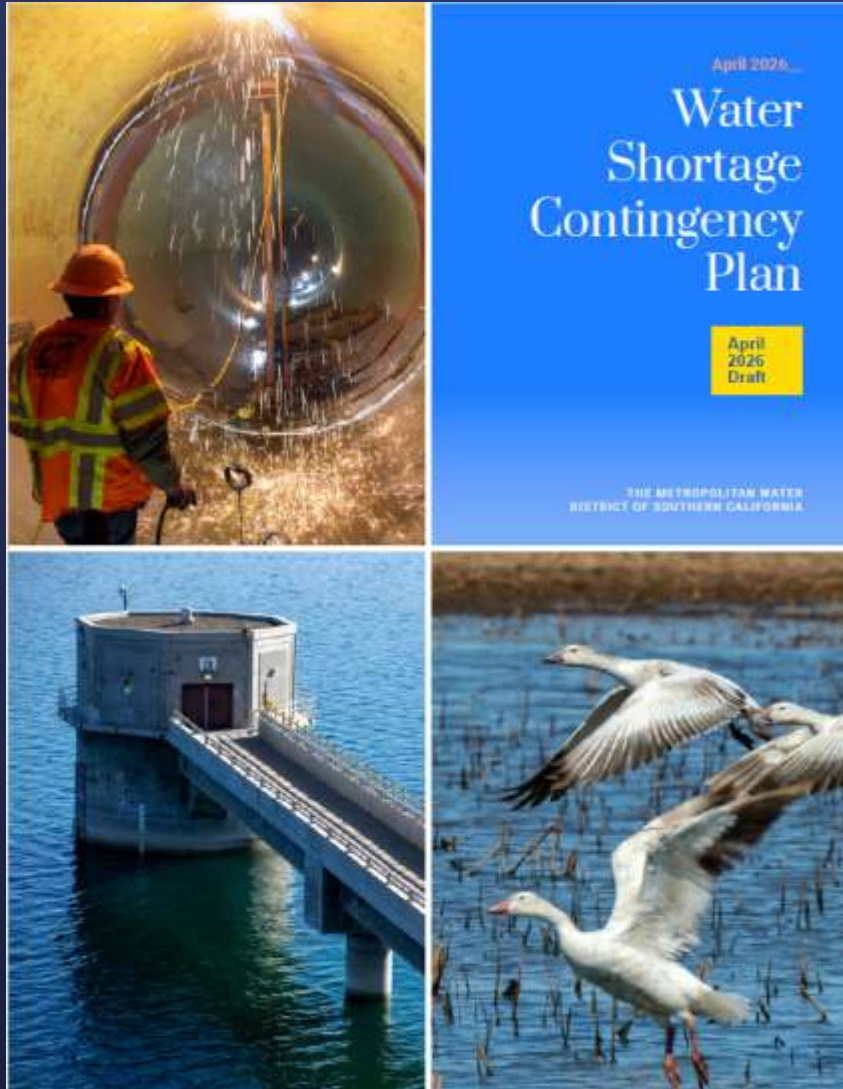
- Metropolitan has long-term service reliability under Normal year, Single dry year, and Five consecutive drought years
- Metropolitan has near-term supply capabilities sufficient for a drought period lasting five consecutive years beginning in 2026
- Metropolitan has plans for supply implementation and continued development of a diversified resource portfolio
- Metropolitan continues to invest in measures that will help to improve the region's water use efficiency over time

Metropolitan's 2025 UWMP Findings

- Metropolitan continues to plan for emergency and catastrophic scenarios
- A portion of Metropolitan's service area is highly dependent on SWP supplies and can only be delivered limited amounts of Colorado River supplies due to system constraints, and Metropolitan is undertaking actions to improve operational flexibility and mitigate vulnerabilities
- Metropolitan has and will continue to regard water quality with paramount importance to water supply reliability

Draft Urban Water Management Plan

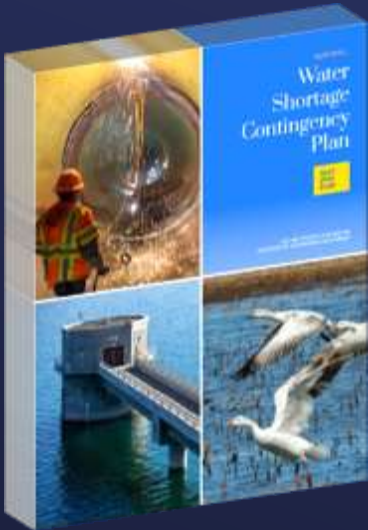




Draft 2025 Water Shortage Contingency Plan (WSCP)

2025 WSCP Background

Draft Water Shortage Contingency Plan



- The Water Shortage Contingency Plan (WSCP) is both a required element of the UWMP as well as a standalone document that is intended to be able to be updated with more flexibility than the UWMP
- MWD adopted its WSCP with the 2020 UWMP
- MWD staff will review and update its WSCP concurrently with the 2025 UWMP
 - **No new WSCP requirements**
 - To be adopted in separate board resolutions
 - Using the same public notification and public hearing process

Draft Water Shortage Contingency Plan



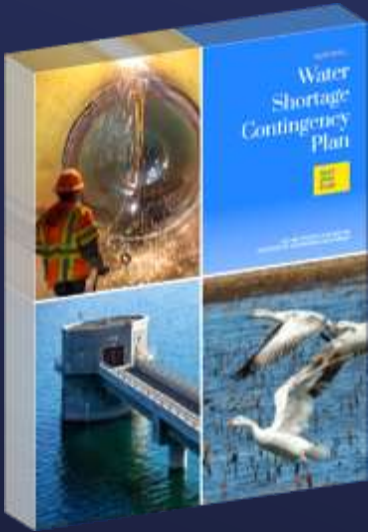
Required Elements of WSCP

1. Analysis of Water Supply Reliability
2. Annual Water Supply and Demand Assessment
3. Six Standard Water Shortage Levels
4. Shortage Response Actions
5. Communication Protocols
6. Consumer Compliance Procedures (N/A: Retailers only)
7. Legal Authorities
8. Financial Consequences
9. Monitoring Compliance (N/A: Retailers only)
10. Reevaluation Procedures



Annual Water Supply and Demand Assessment Procedure

Draft Water Shortage Contingency Plan



- Based on on-going planning with WSDM process
 - Considerations include available core supplies, unconstrained demand, planned water use, and infrastructure considerations
- Annual Assessments due by July 1st
 - Firmed up in the April-May timeframe
- Continue to monitor conditions and take appropriate actions

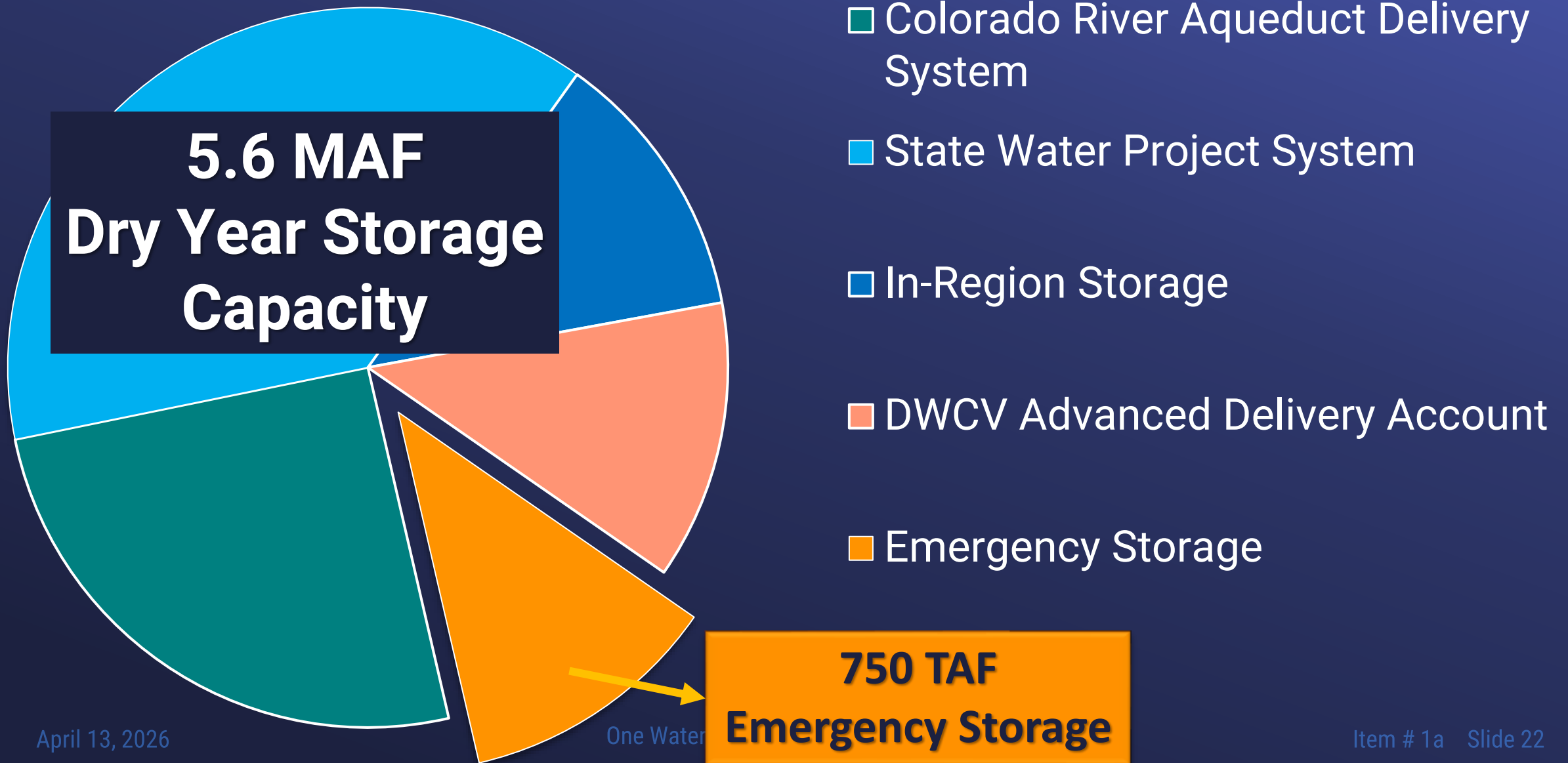
Six Stages and Shortage Response Actions

Stage	Percentage	Shortage Response Actions*	
1	Up to 10%	<p><u>Supply Augmentation:</u></p> <ul style="list-style-type: none"> Take from Dry Year Storage Use Flexible Supplies (Transfers, Exchanges) <p><u>Operational Flexibility:</u> <i>...as appropriate:</i></p> <ul style="list-style-type: none"> Adjust maintenance schedule Adjust distribution system load 	<p><u>Demand Reduction:</u></p> <ul style="list-style-type: none"> Implement Communication Plan <p><i>...as appropriate:</i></p> <ul style="list-style-type: none"> Implement Conservation Outreach Campaign Implement Water Supply Allocation Plan
2	Up to 20%	Same tools as above, combination and intensity depending on situation	
3	Up to 30%	Same tools as above, combination and intensity depending on situation	
4	Up to 40%	Same tools as above, combination and intensity depending on situation	
5	Up to 50%	Same tools as above, combination and intensity depending on situation	
6	More than 50%	Same tools as above, combination and intensity depending on situation Take from emergency storage during a catastrophic event	

***Actions taken will be based on resource and operational conditions throughout the year.**

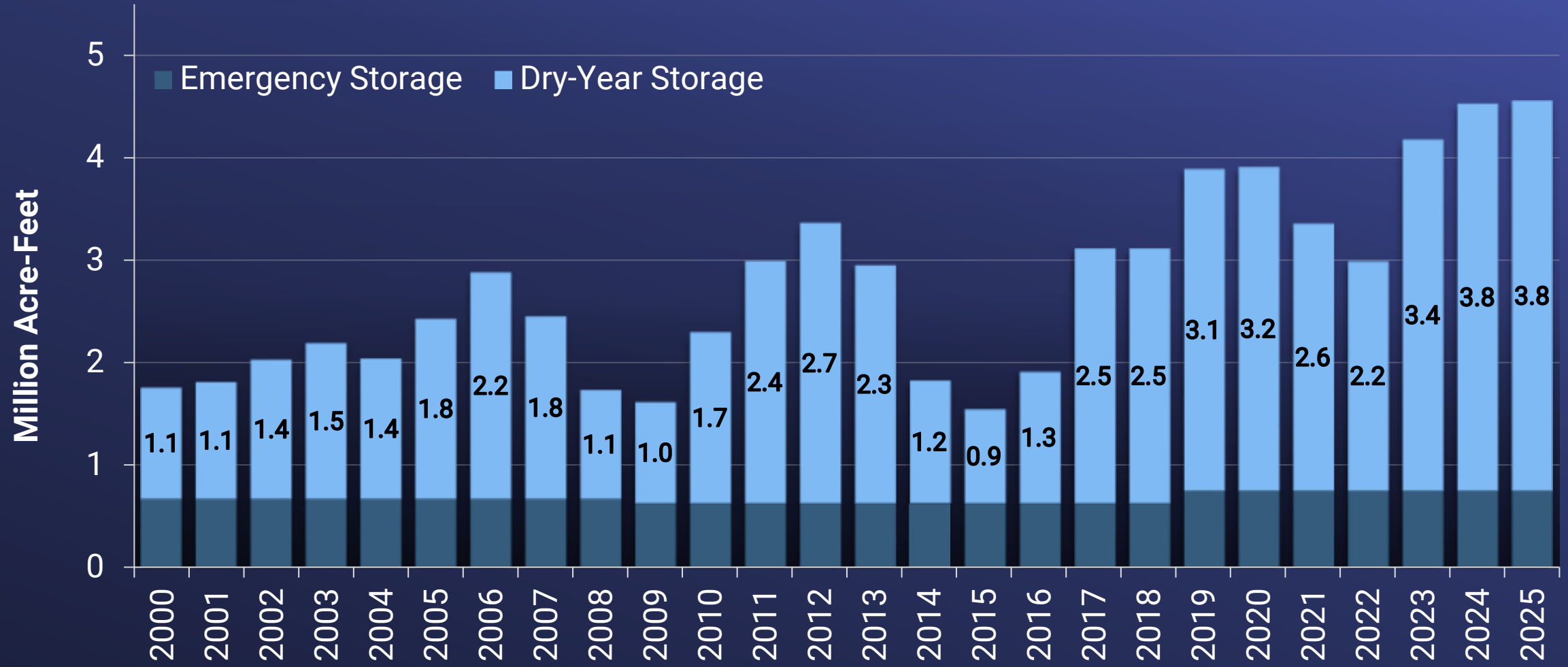
To determine specific actions that would be taken at each level, Metropolitan will evaluate conditions specific to cost, timing, distribution needs and capabilities, and other variables that include SWP allocation, Colorado River conditions, take capacities, and storage balances.

Nearly 6.4 MAF of Total Storage Capacity



Available Storage Balance Varies Year-to-Year

End-of-Year Balances



Note:
 2025 end-of-year balance is preliminary as it is subject to USBR final accounting.

Key Takeaways of Draft 2025 WSCP

Draft Water Shortage Contingency Plan



- Part of the 2025 UWMP and a standalone document
- Being updated concurrently with the 2025 UWMP
- No new requirements for the WSCP
- Six standard shortage stages
- Shortage response actions and communication protocols
- Ongoing Annual Assessments that began in 2022

Summary

Summary of Metropolitan's Draft 2025 UWMP and Draft 2025 WSCP

- Draft 2025 UWMP and WSCP satisfy all UWMP Act requirements
- Draft plans prepared in coordination with appropriate agencies
- Draft plans posted for public review
- Notification requirements completed for the Public Hearing
- Adoption of plans scheduled for May 2026
- Submission on track to meet July 1 deadline



