



**WATER
AGENCY**

**Public Hearing for the
2025 Urban Water Management Plan &
Water Shortage Contingency Plan**

Board Meeting
May 20, 2026

Goal B: Reliable Water Supply and Infrastructure

GOAL B

Reliable Water Supply
and Infrastructure

Provide customers
with reliable water
supply and
infrastructure.

5

Develop a diversified water supply plan and implement supported projects and programs

Acronyms and Abbreviations

AF	Acre-feet
Ag.	Agricultural
CII	Commercial, Industrial, and Institutional
DWR	California Department of Water Resources
M&I	Municipal and Industrial
SWP	State Water Project
TAF	Thousand acre-feet
UWMP	Urban Water Management Plan
WSCP	Water Shortage Contingency Plan

Urban Water Management Plan (UWMP)

- Required every five years for urban water suppliers (CWC § 10621)
- **Purpose of the UWMP:**
 - Assess water supplies and demands from 2025-2045 (2050 optional)
 - Describe current and future water supply and storage projects
 - Update the Water Shortage Contingency Plan
 - Demonstrates consistency with the Delta Plan (23 CCR § 5003)



Public Process and Schedule

- Dec 2024 — Scope Development Meeting
- May 2025 — Demand Assessment Kickoff
- Sep 2025 — UWMP Kickoff
- Mar 2026 — Notice of Preparation to Stakeholders
- Apr 2026 — Draft available for public review
Newspaper Notices of Availability (2)
Retailer Coordination Meetings
- May 2026 — **TODAY:** Public Hearing
- June 2026 — Board Considers Adoption
- ★ July 1, 2026 — Due Date

Retailer
Coordination



Expected Future Water Supply Projects

Project	Date Online
Sites Reservoir	2034
Chain of Lakes Conveyance System	2035
Delta Conveyance Project	2045

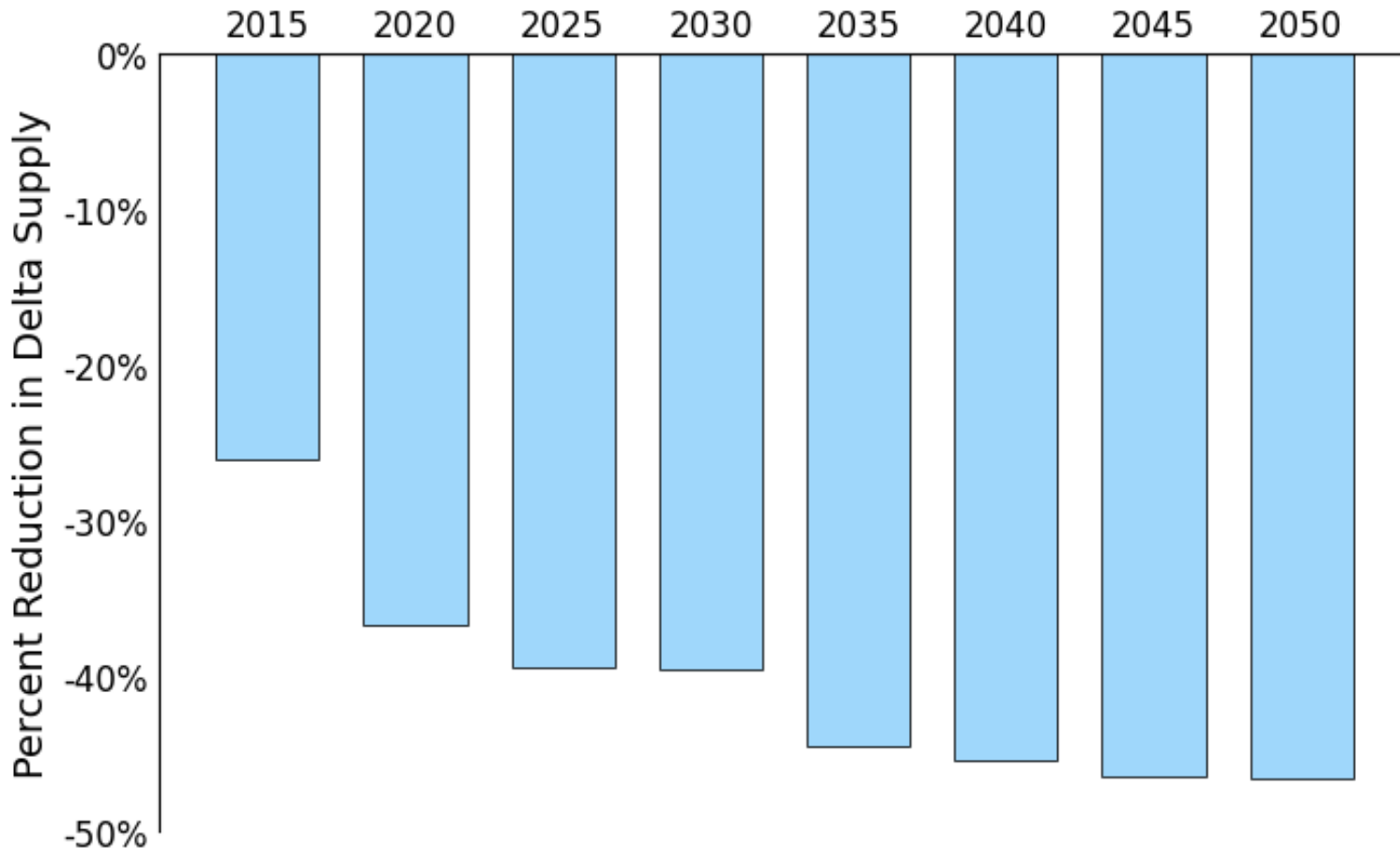


Projects in Exploratory Planning:

- Potable Reuse
- Desalination

Delta Plan Compliance: Reduced Reliance

Change in Delta Supplies from 2010 Baseline



Takeaways

Decreased reliance driven by:

- Water conservation
- Conjunctive use of groundwater storage

Long-term decreased reliance supplemented by:

- Sites Reservoir
- Local water

Projected Water Demands and Supplies

Future Demands

- Projected based on land use and development plans
- Developed for Livermore, provided by other retailers

Future Available Water Supply

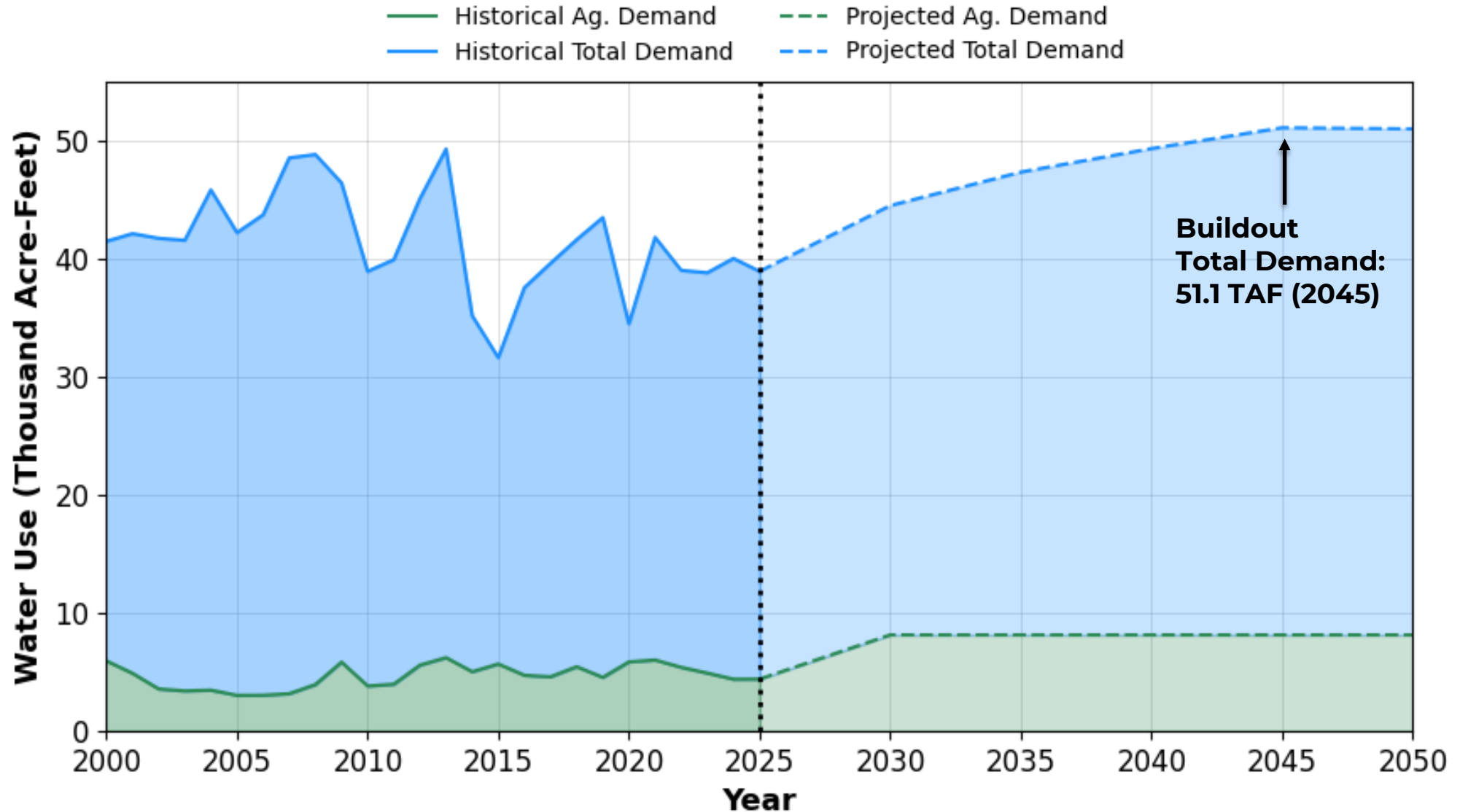
- Projected by Zone 7's advanced water supply planning model*
- Used projected import deliveries from the latest SWP Delivery Capability Report
- Modeled three scenarios:
 - Normal year
 - Single dry year
 - Five-year drought



*Funding for the model development has been provided in part from the Water Quality, Supply, and Infrastructure Improvement Act of 2014 and through an agreement with DWR.

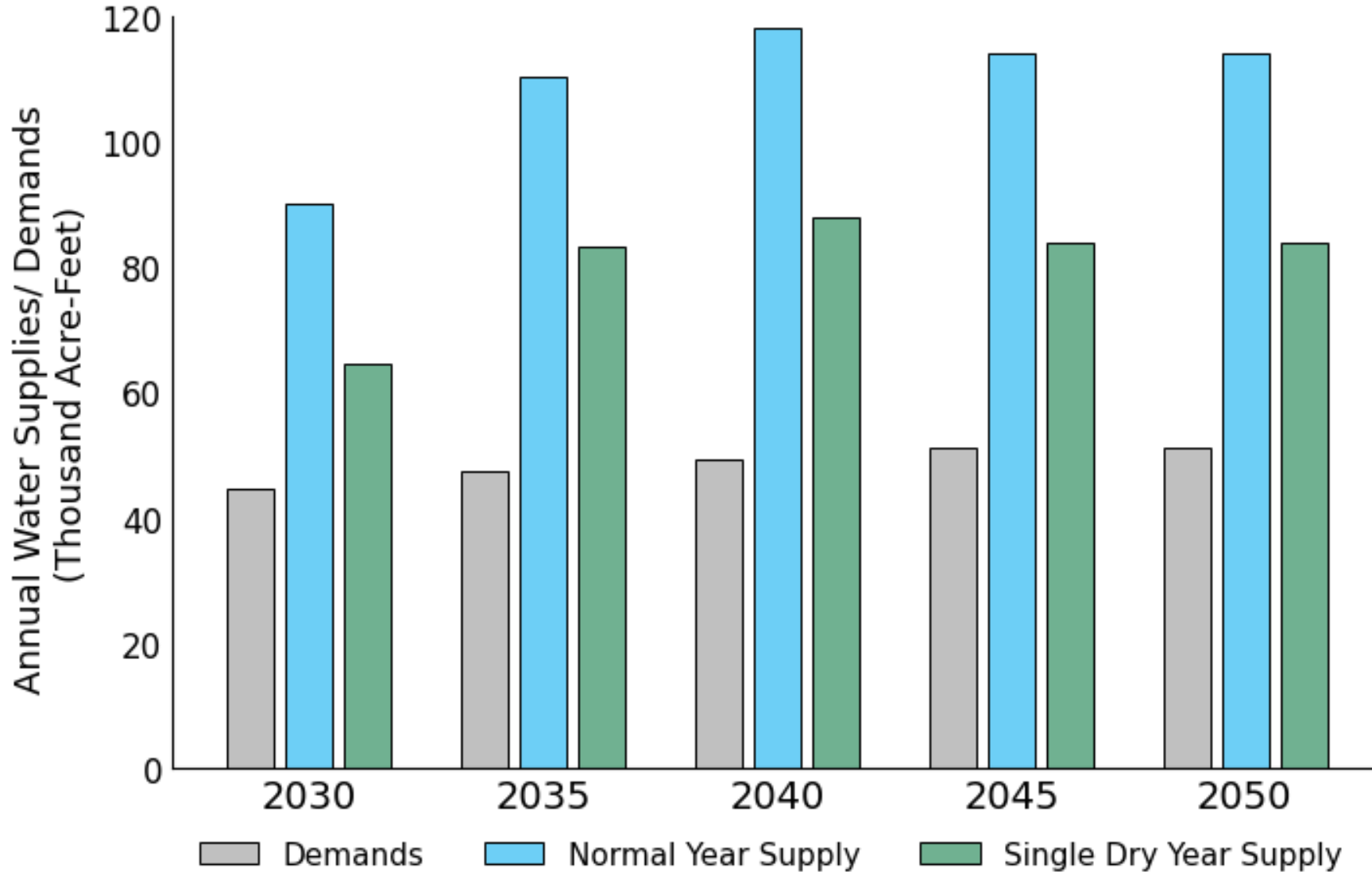


Water Demand Projections



*Cal Water and Livermore's projected demands include passive conservation.

Water Supply Reliability: Normal and Single-Dry Years

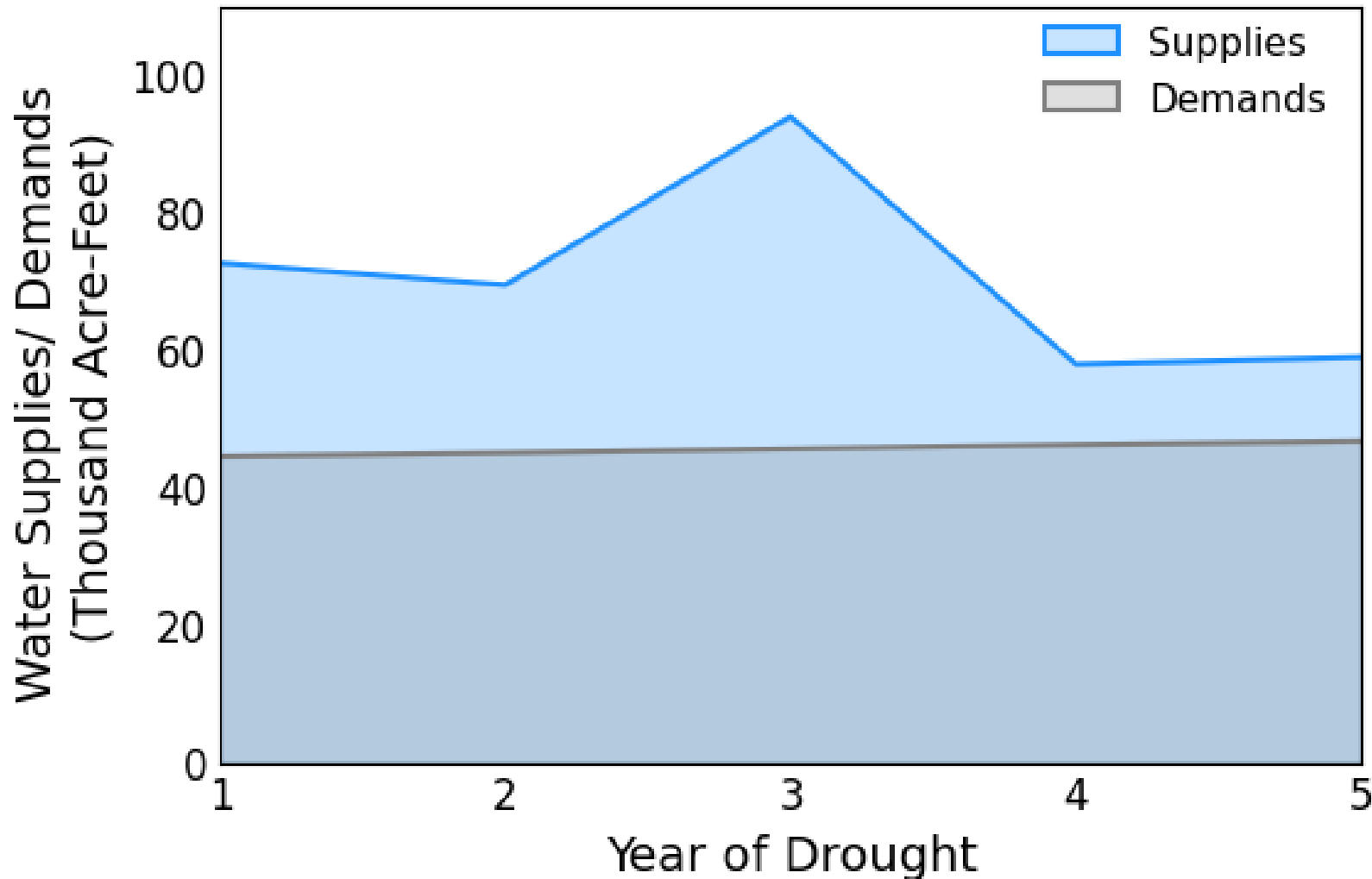


Takeaways

- Supply > Demand
- No Shortages

Water Supply Reliability: Five-Year Drought

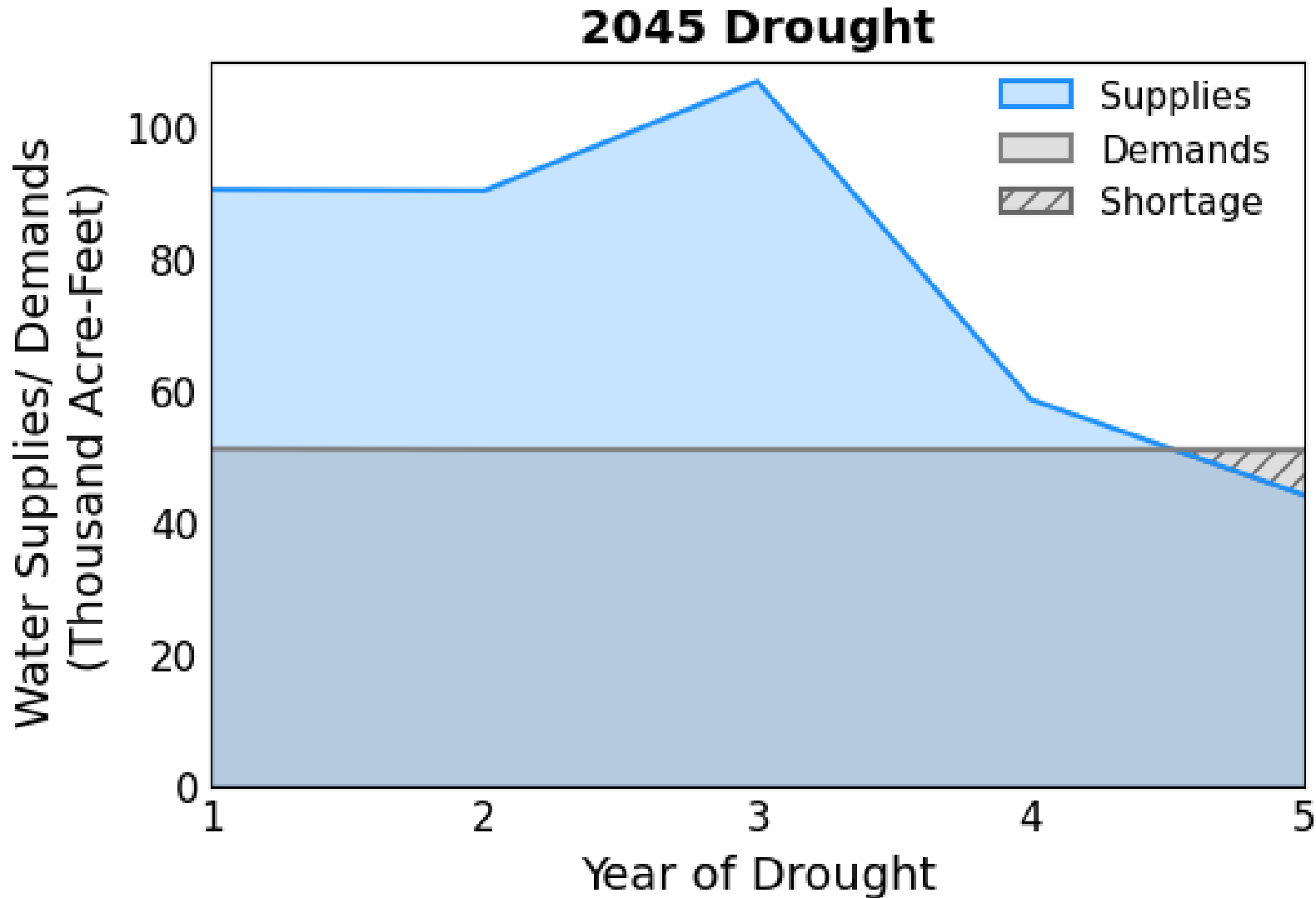
2030 Drought



Takeaways

- Near-term: Supply > Demand
- No Shortages

Water Supply Reliability: Five-Year Drought



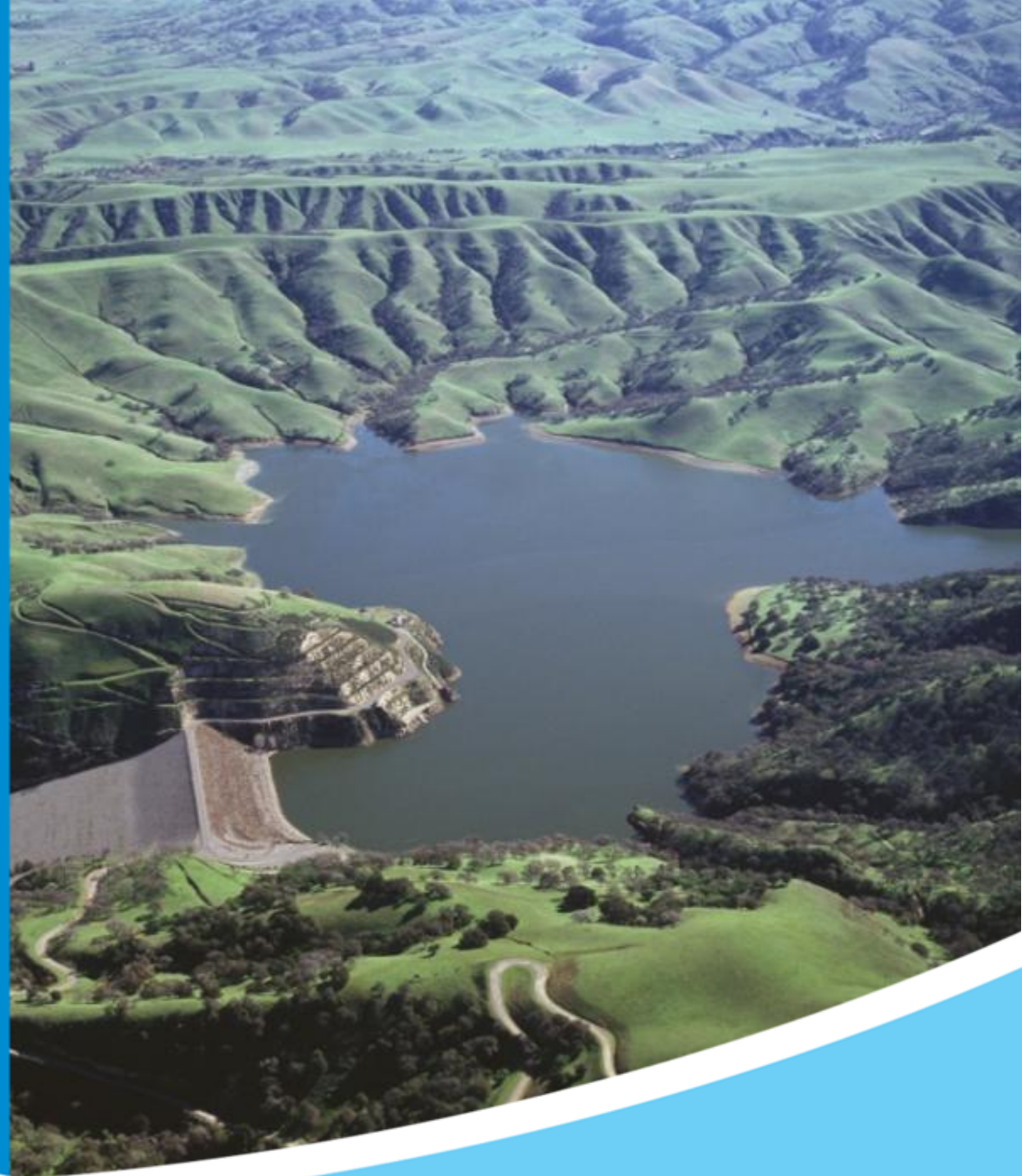
Takeaways

Shortage in 5th year of drought: 10-20%

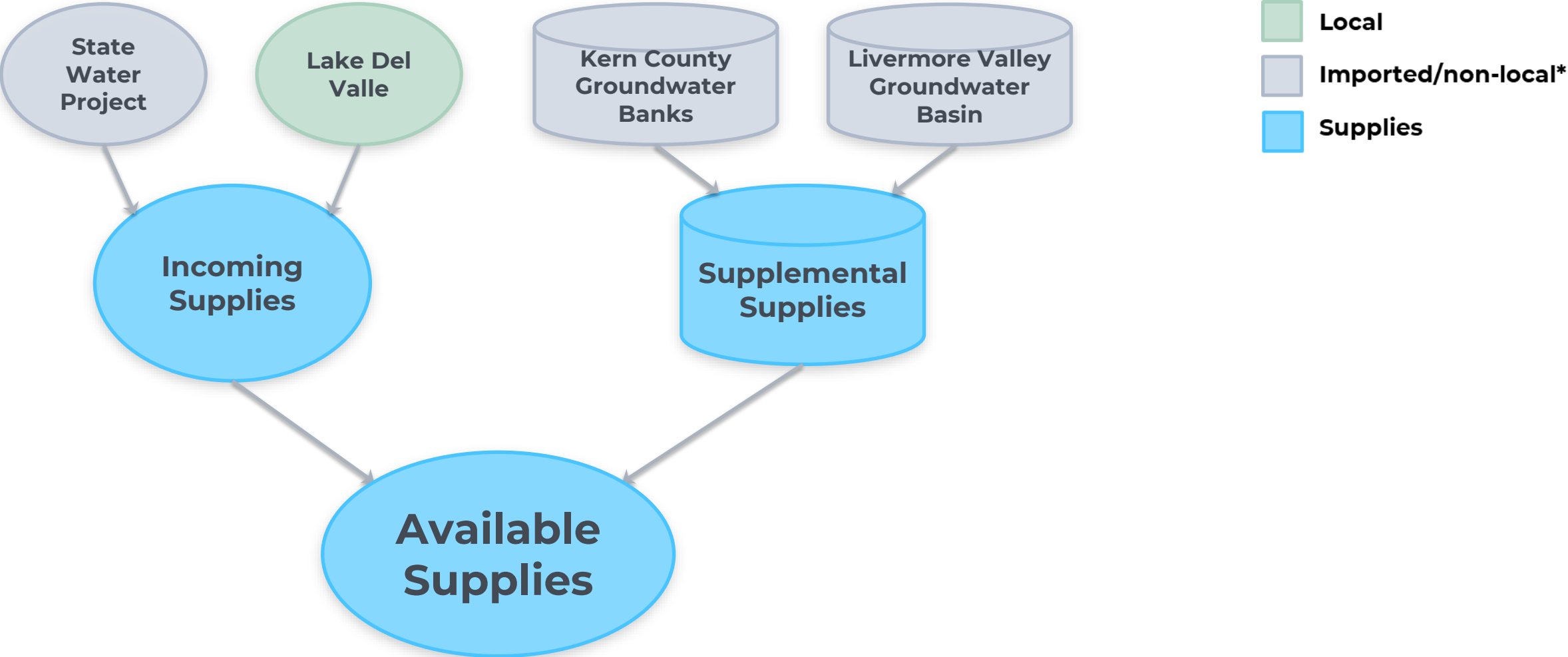
Can be managed by:

- WSCP measures:
 - (1) Additional transfers
 - (2) Water use reduction
- New water supply projects
- New groundwater banking programs

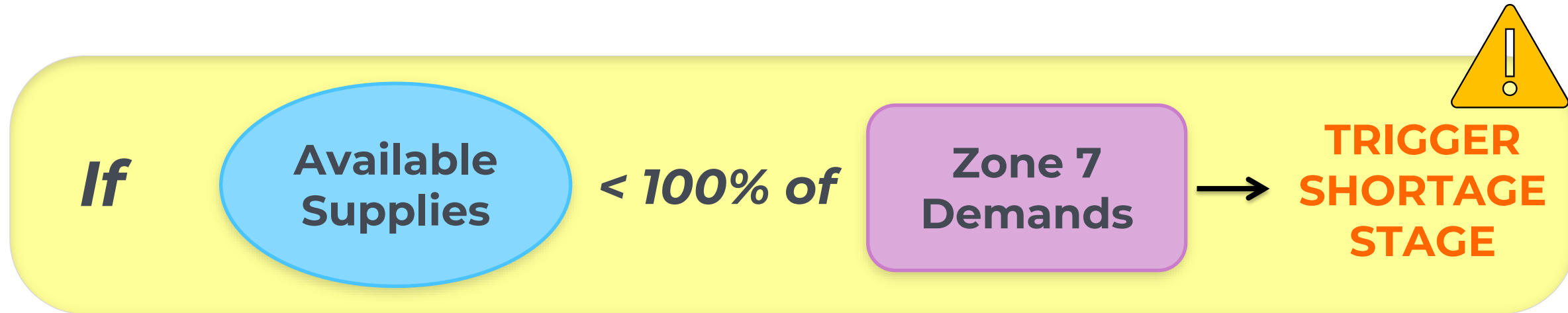
Water Shortage Contingency Plan



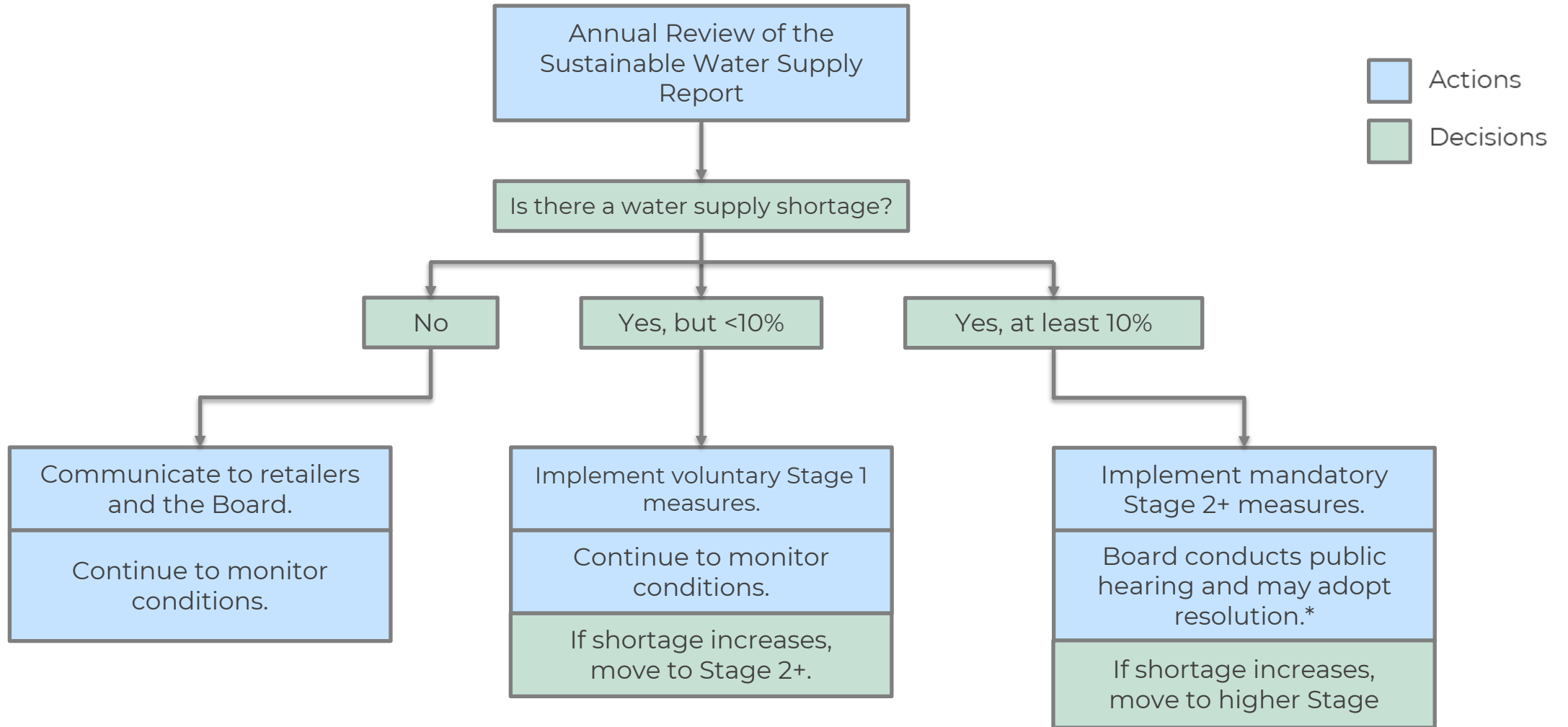
Water Supply Shortage Determination



Water Supply Shortage Determination



Process to Declare a Water Shortage

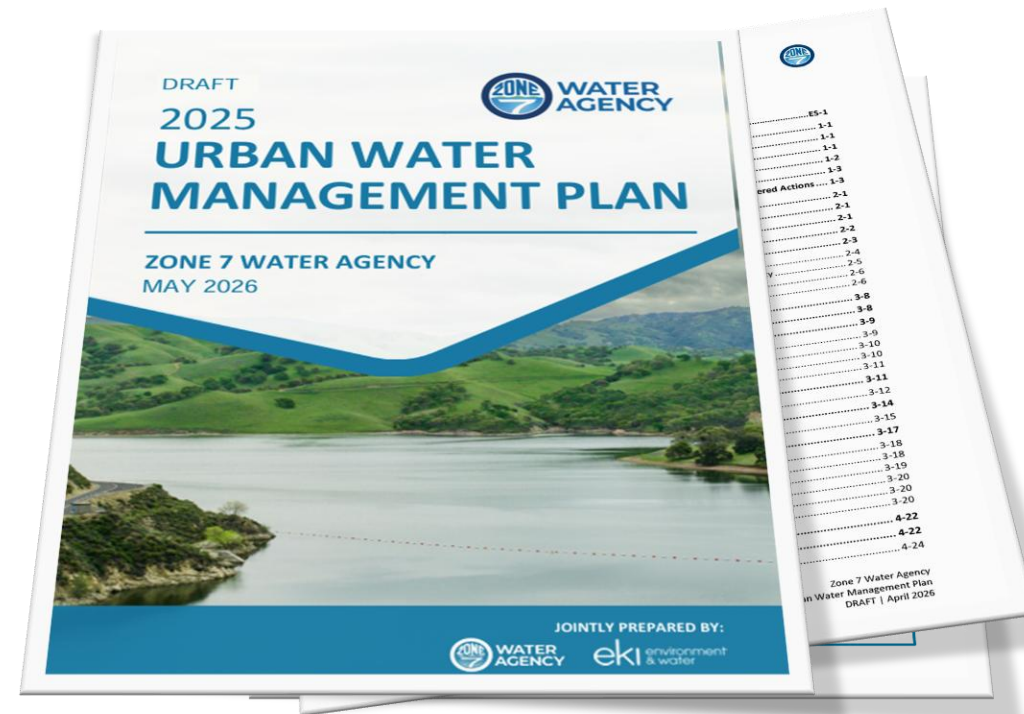


Drought Shortage Stages

Shortage Stage	Supply Shortfall	What it Means	Water Use Reduction Goal	Type	Possible Actions
Stage 1	Up to 10%	Minor Shortage	Up to 10%	Voluntary	Promote conservation
Stage 2	Up to 20%	Moderate Shortage	Up to 10%	Mandatory	Some mandatory restrictions may start (e.g., reduced outdoor watering)
Stage 3	Up to 30%	Significant Shortage	Up to 20%	Mandatory	Water use restrictions; possible drought surcharge
Stage 4	Up to 40%	Severe Shortage	Up to 30%	Mandatory	Increased enforcement of water use restrictions; drought surcharge
Stage 5	Greater than 40%	Critical Shortage: Emergency Conditions	> 30%	Mandatory	Water use limited to health and safety needs; activate Emergency Operations Center

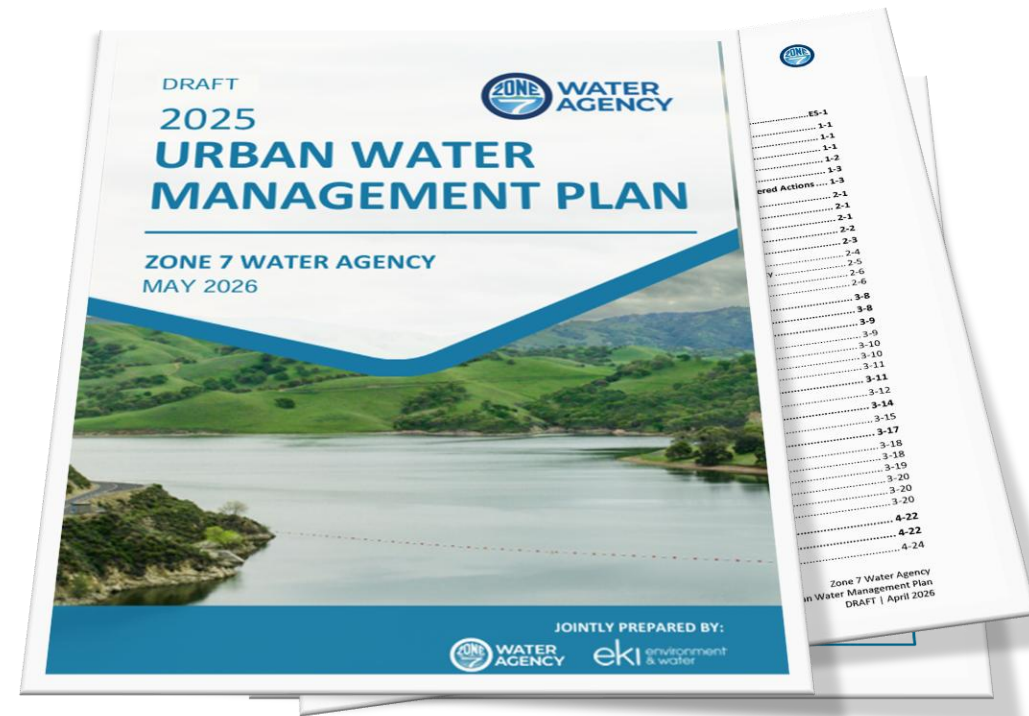
Next Steps

- Hear additional public comments
- Incorporate comments and finalize plan
- **Adopt by resolutions (June 17)**
 - 2025 UWMP
 - Water Shortage Contingency Plan
- Submit plan to DWR, CA State Library, County, cities
- Make plan publicly available



Recommendation

Receive public comments on the 2025 Urban Water Management Plan and 2025 Water Shortage Contingency Plan.





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Questions?