

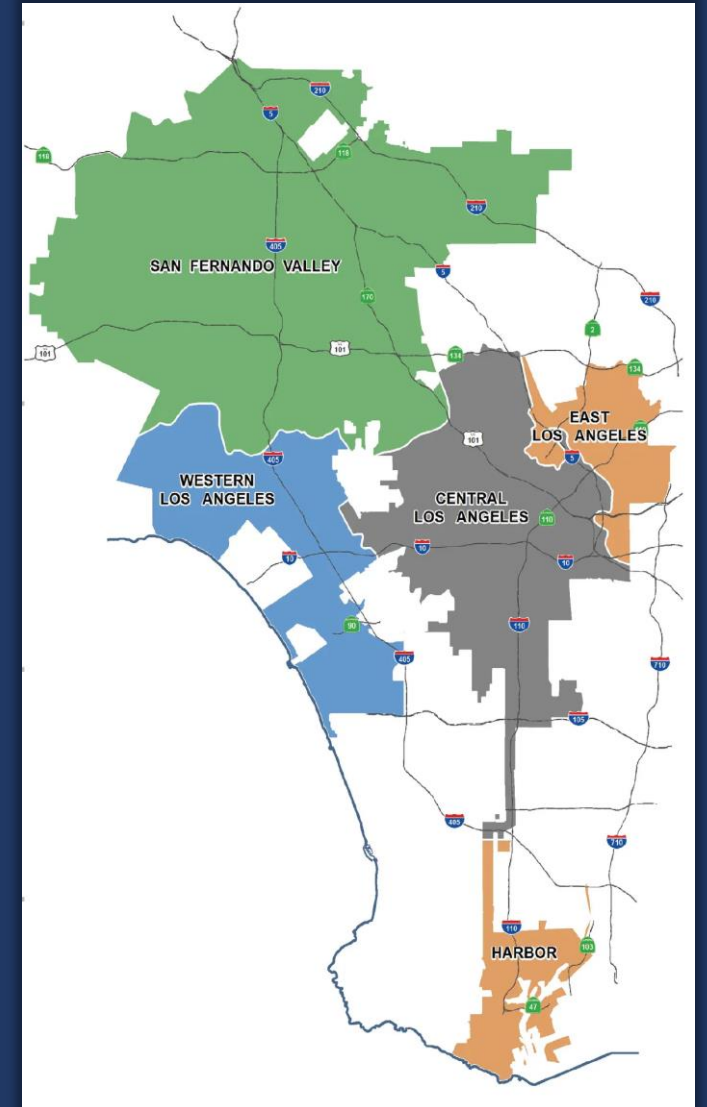


2025 Urban Water Management Plan  
Outreach Kick-off For:  
DWP-NC MOU Committee

September 6, 2025

# LADWP is the Largest Municipal Water and Power Utility in the Nation

- Provide water and power to ~4 million people
- Serve drinking water and non-potable recycled water within service area of approximately 473 sq. mi.
- LADWP supplies approximately:  
430 million gallons per day (MGD)  
480,000 acre-feet per year (AFY)



# Los Angeles Water Supply Portfolio Consists of Imported, Local, and Supplemental Supplies

State Water Project (MWD)



Local Groundwater  
& Recycled Water



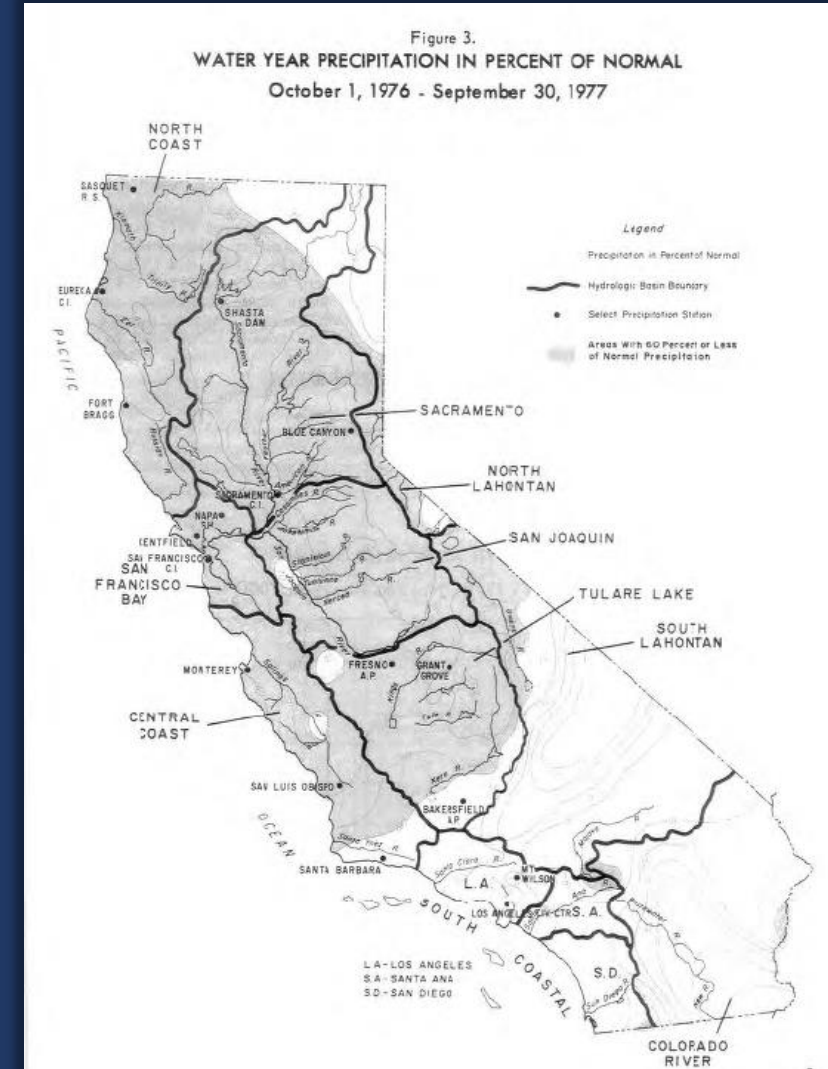
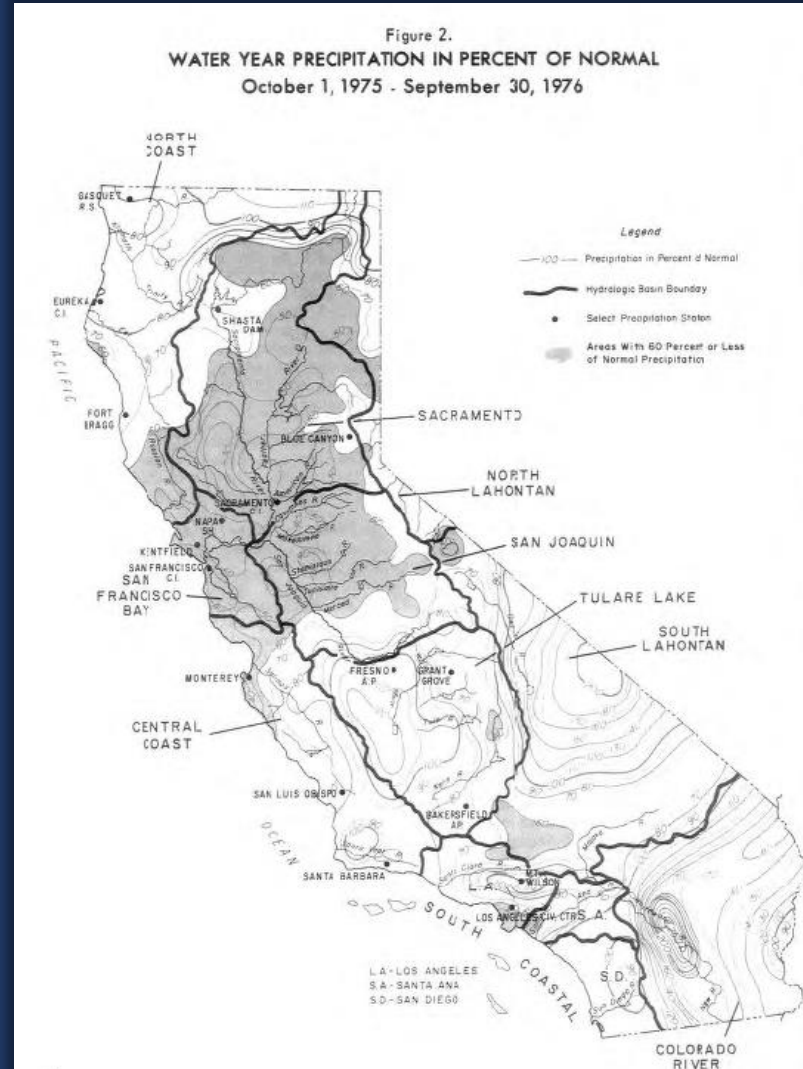
LA Aqueducts



Colorado River  
Aqueduct (MWD)



# 1976-1977 Was The Most Severe Drought Period In California History



# UWMP Act Passes In 1983, Requiring Water Suppliers to Plan For Droughts And Demonstrate Water Supply Reliability

## **CALIFORNIA URBAN WATER MANAGEMENT PLANNING ACT**

Established: AB 797, Klehs, 1983

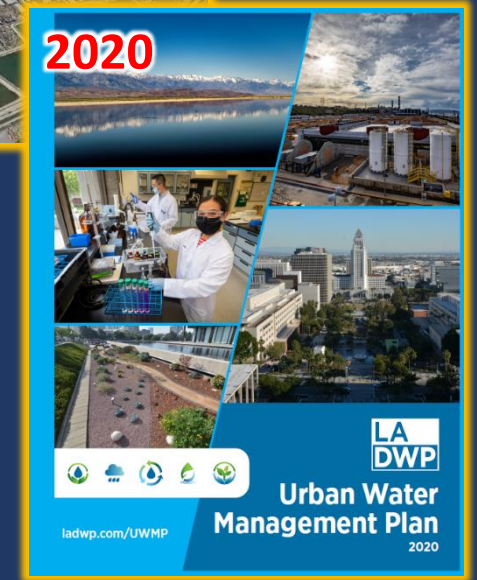
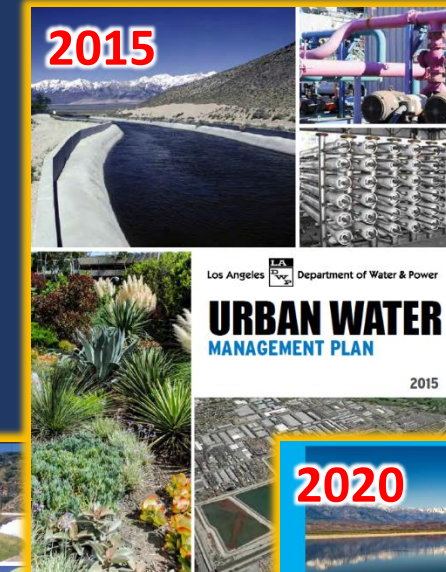
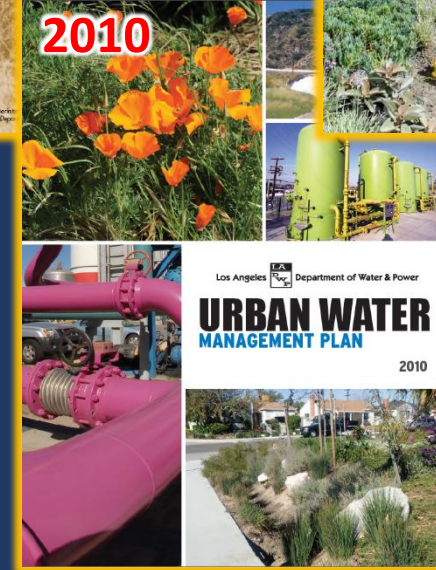
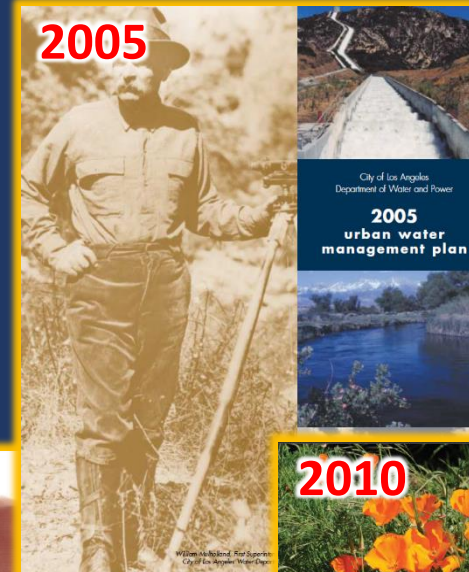
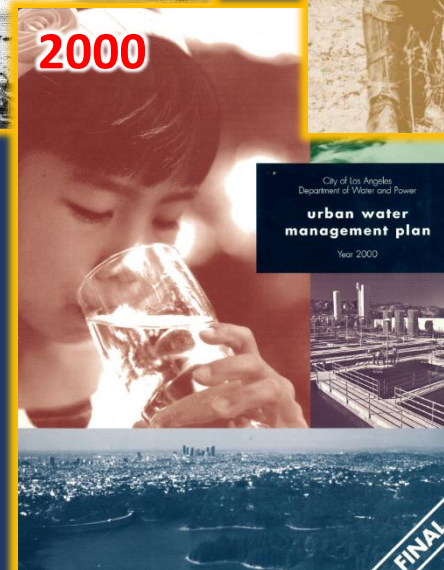
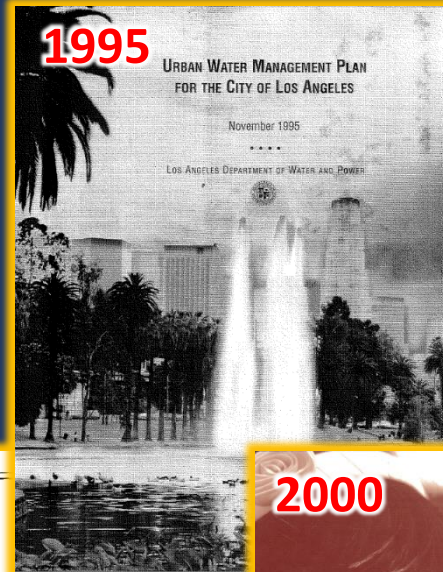
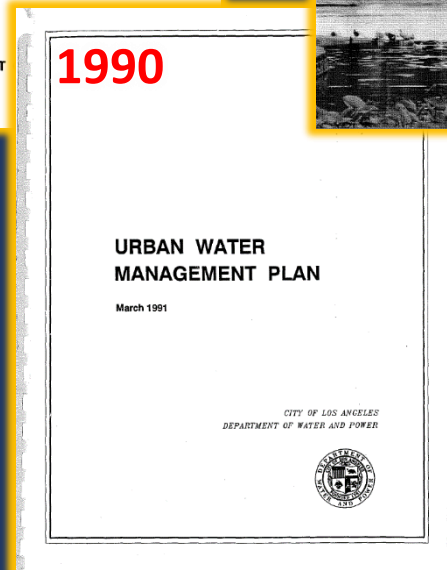
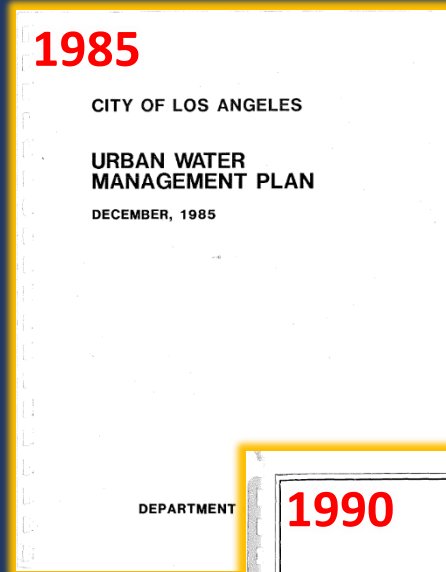
CALIFORNIA WATER CODE DIVISION 6  
PART 2.6. URBAN WATER MANAGEMENT PLANNING

# UWMPs Standardize Water Supply Planning and Reporting Throughout the State

- Requirement for urban water suppliers:
  - Serving over 3,000 customers OR
  - Supplying over 3,000 AFY
- UWMPs are submitted to the California Department of Water Resources (DWR)
- Failure to comply with the UWMP Act results in ineligibility for state water loans and grants



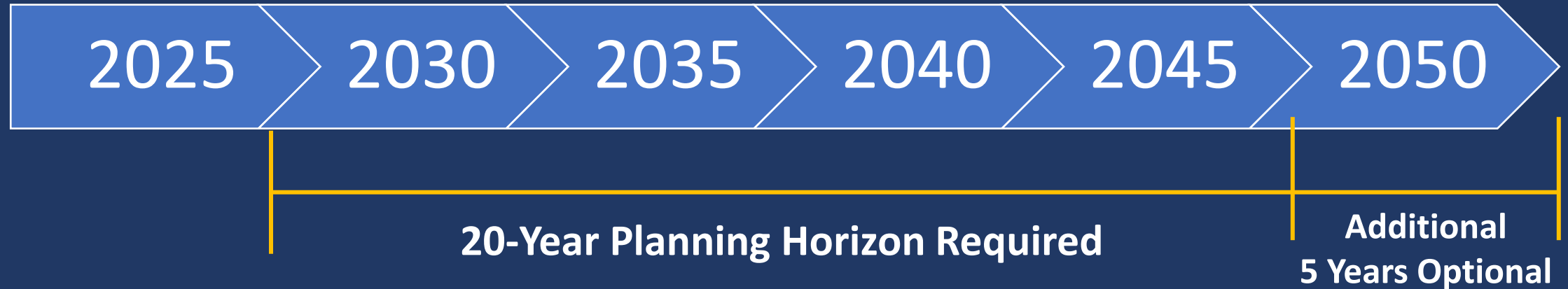
# UWMP Is Updated and Submitted to DWR Every 5 Years



# UWMP Aggregates Multiple Planning Efforts Into a Single Plan

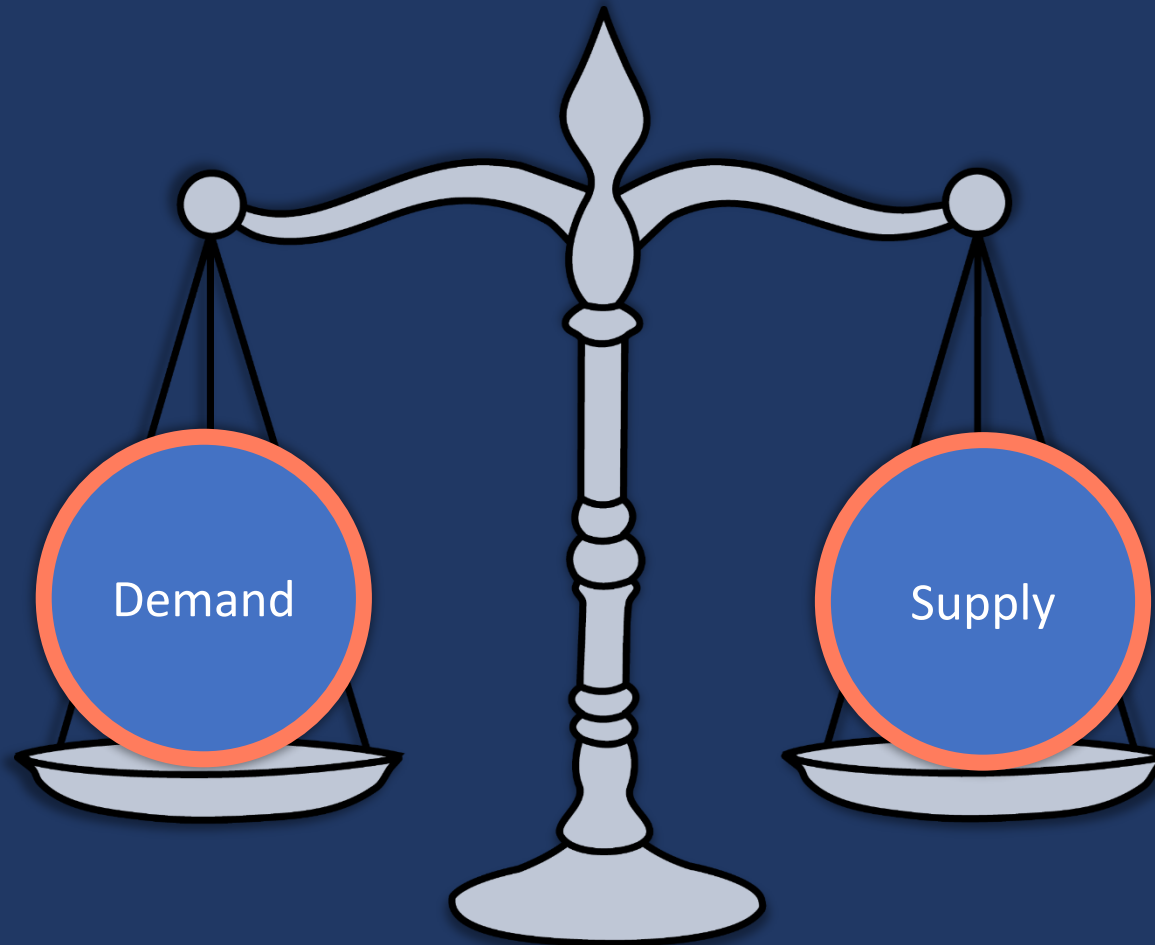


# UWMP Forecasts Reliability In 5-Year Increments Over the Next 25 Years



# Water Supply Reliability Is The Balance of Projected Demands and Available Supplies Over Time

- Growth
- Economy
- Conservation
- Climate



- Existing Supplies
- Future Conditions
- New Supplies

# Water Supply Reliability Is Assessed Under Four Scenarios

**Long-Term Assessments:**  
**2026-2050 (25 years)**  
**in 5-year increments**

Average Year  
Hydrology

Single-Dry Year  
Hydrology

Multi-Dry Year  
(5-year period)  
Hydrology

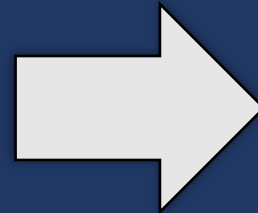
**Near-Term Assessment:**  
**2026-2030 (5 years)**  
**in 1-year increments**

Drought Risk  
Assessment

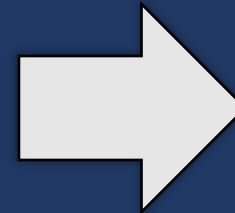
# UWMP Demand Forecast Model Considers Multiple Drivers to Forecast Demand By Sector

## Example Inputs (Drivers of Demand):

- Weather
- Economy
- Price of Water
- Demographics
- Land Use
- Conservation



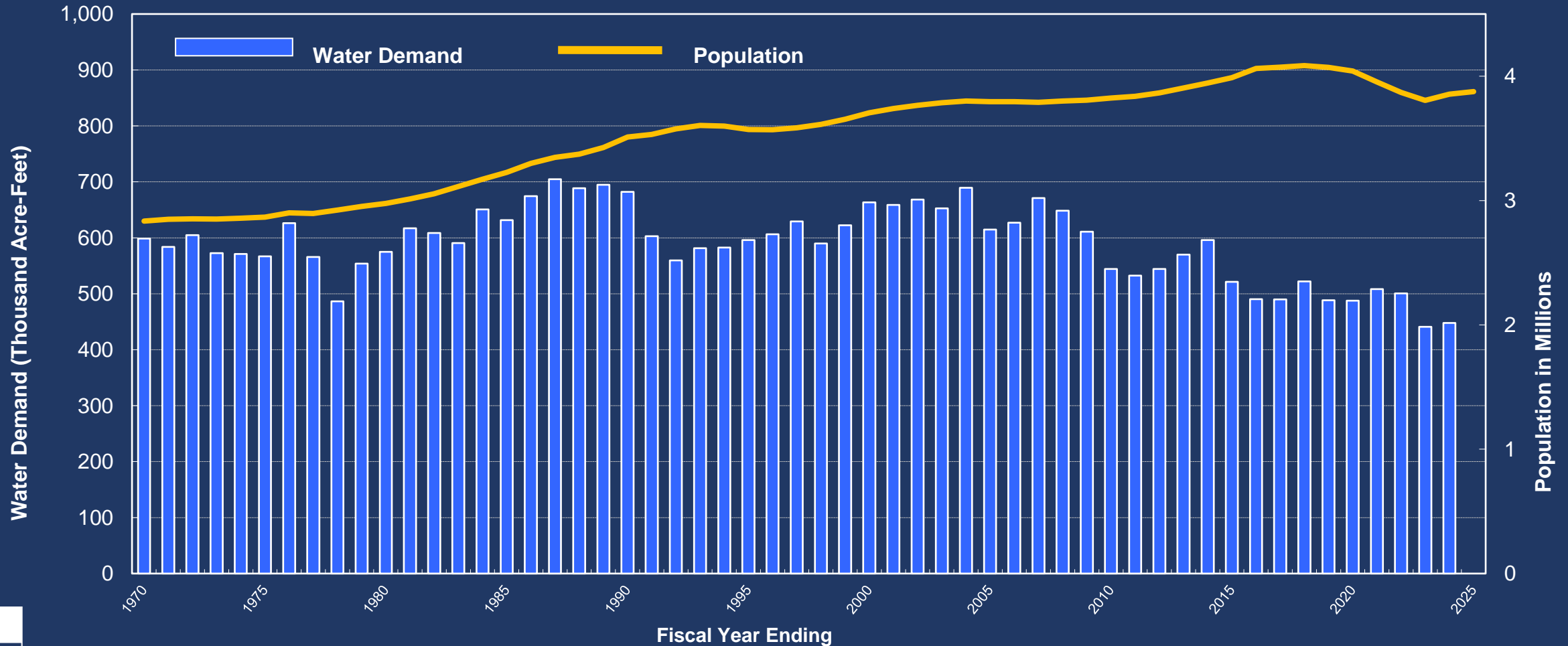
Model



## Output (Demand By Sector):

- Single Family Residential
- Multi-Family Residential
- Commercial
- Industrial
- Governmental

# We Use Less Water Today Than We Did Over 50 Years Ago Despite Growing By One Million People



# Reliability Challenges Impact All Water Sources



Bay-Delta Uncertainty



Local Groundwater Contamination



Climate Change

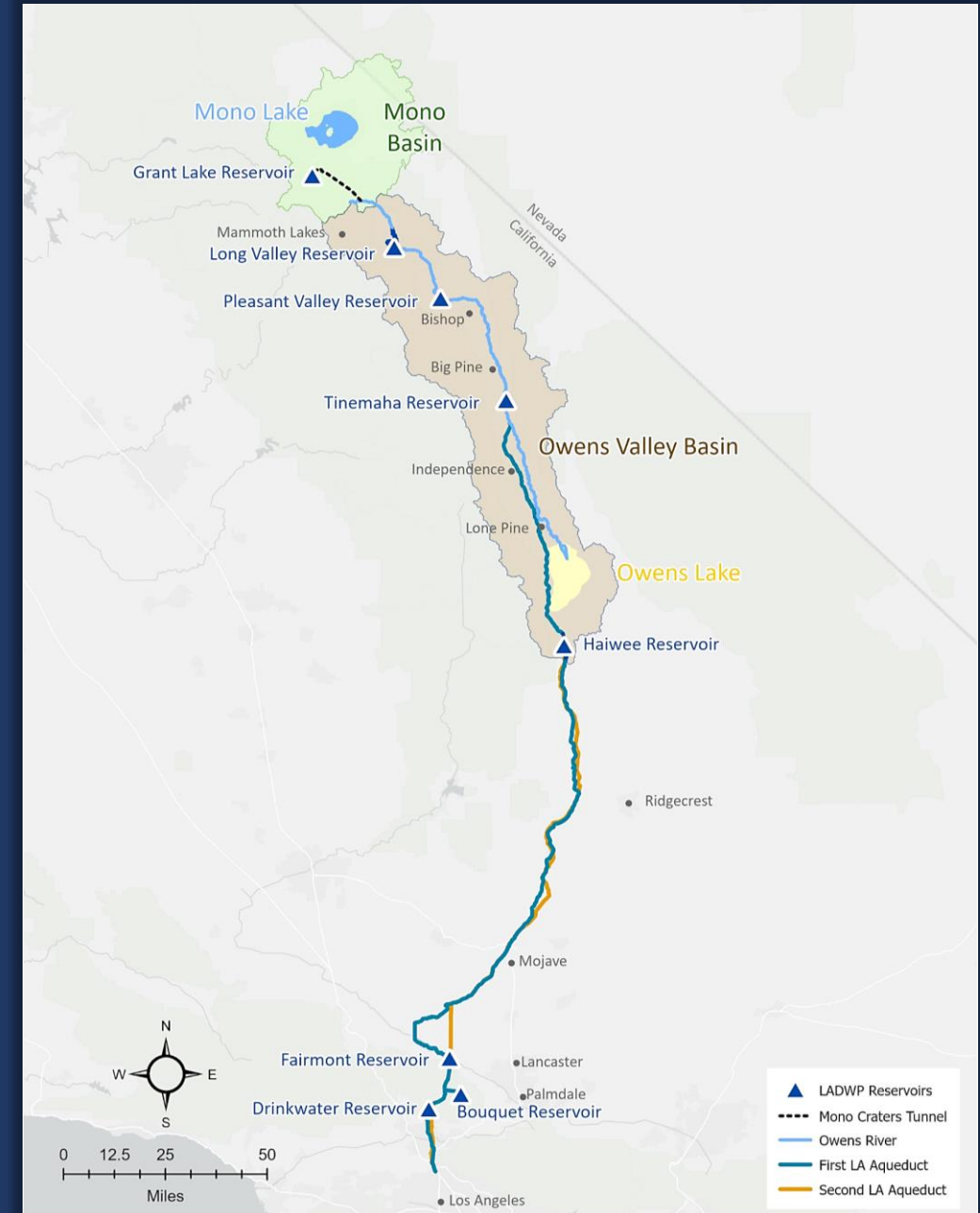


Reduced Los Angeles Aqueduct Exports



Colorado River Aqueduct Overallocation

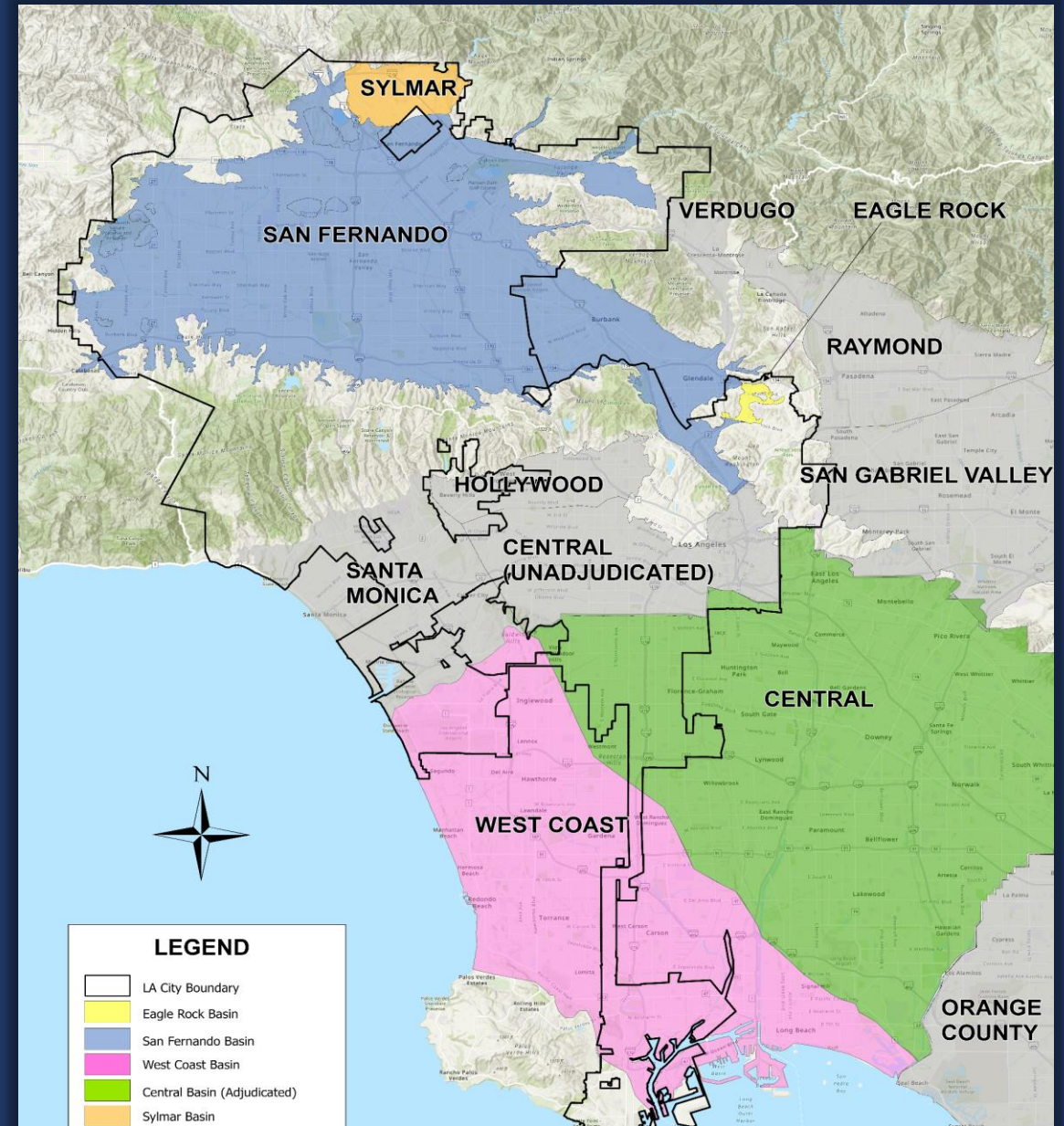
# Foundational LAA completed in 1913 to bring supplies to City



# Local Groundwater Supply Spans Multiple Basins

LADWP Holds Groundwater Rights In:

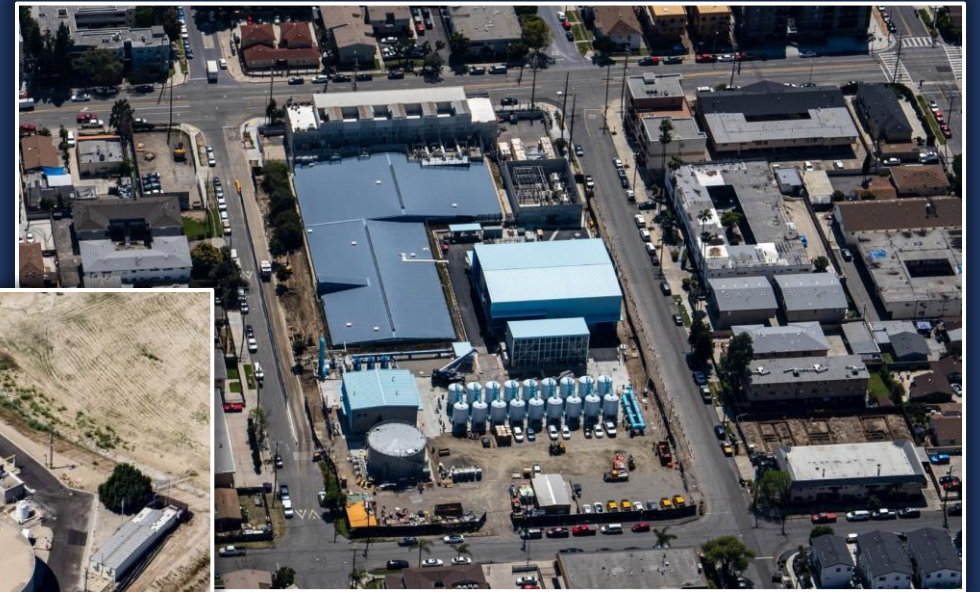
- San Fernando Basin
- Sylmar Basin
- Eagle Rock Basin
- Central Basin
- West Coast Basin



# Restored Access to San Fernando Basin Supplies Expected with Groundwater Remediation Facility To be in Service By 2026



North Hollywood West  
Wellhead Treatment



North Hollywood  
Centralized Treatment

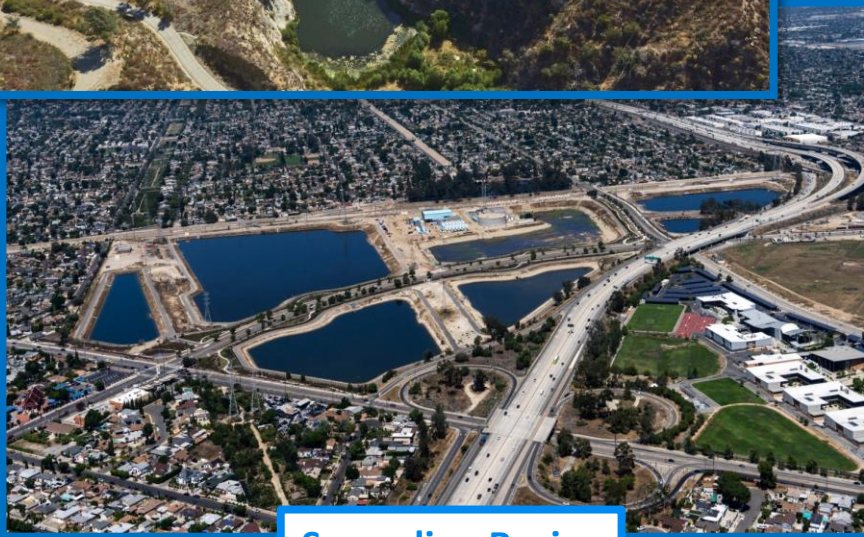


Tujunga Centralized Treatment

# Stormwater Capture Project Types

## Centralized

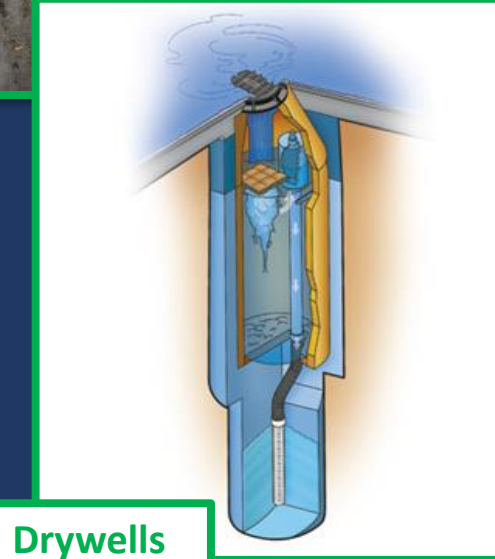
Dam Improvements



Spreading Basins

## Distributed: Neighborhood

Green Streets



Drywells

## Distributed: Parcel

Cisterns



Rain Barrels



# Recycled Water Strategy Has Evolved Over the Last Several Decades



## Non-Potable Reuse

- Irrigation and Offset Non-Potable Demands



## Indirect Potable Reuse

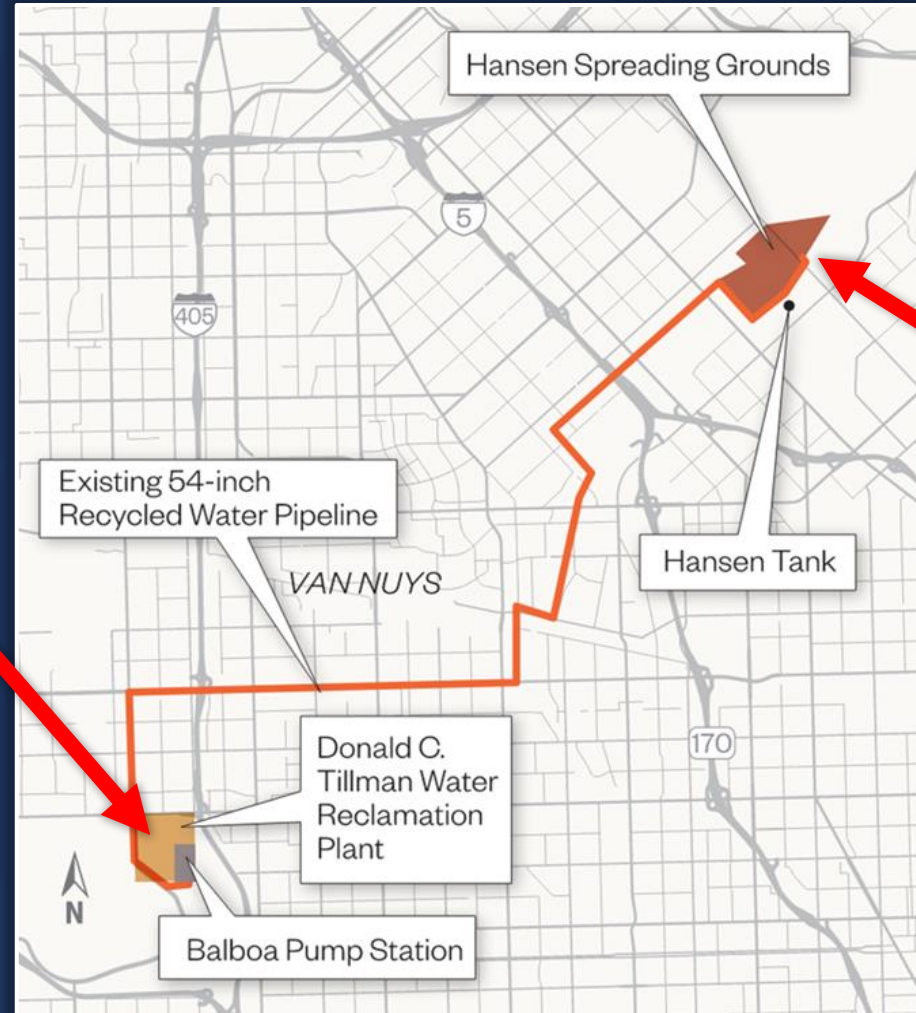
- LA Groundwater Replenishment
- Pure Water Los Angeles



## Direct Potable Reuse

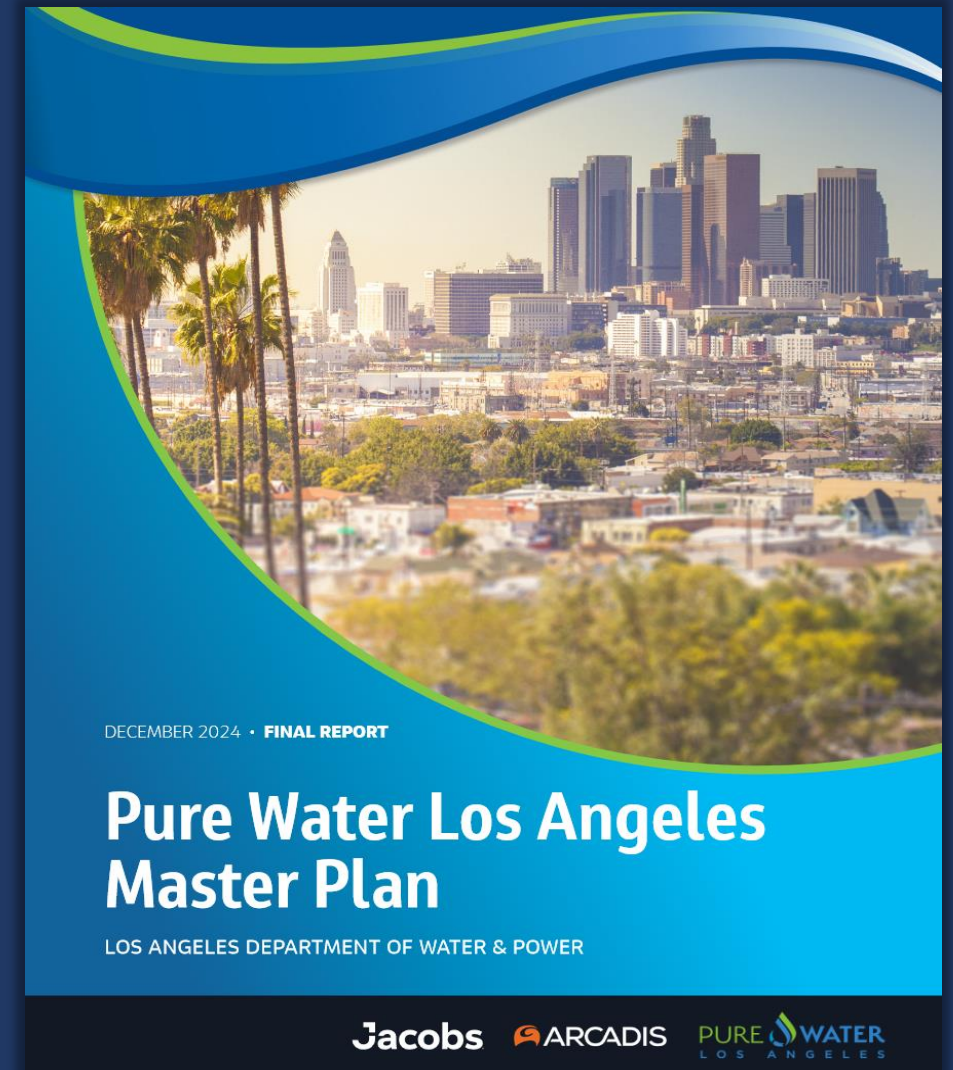
- Headworks DPR Pilot Facility
- LA Groundwater Replenishment
- Pure Water Los Angeles

# Groundwater Replenishment Project to Replenish San Fernando Basin with Highly Purified Recycled Water



# Pure Water Los Angeles

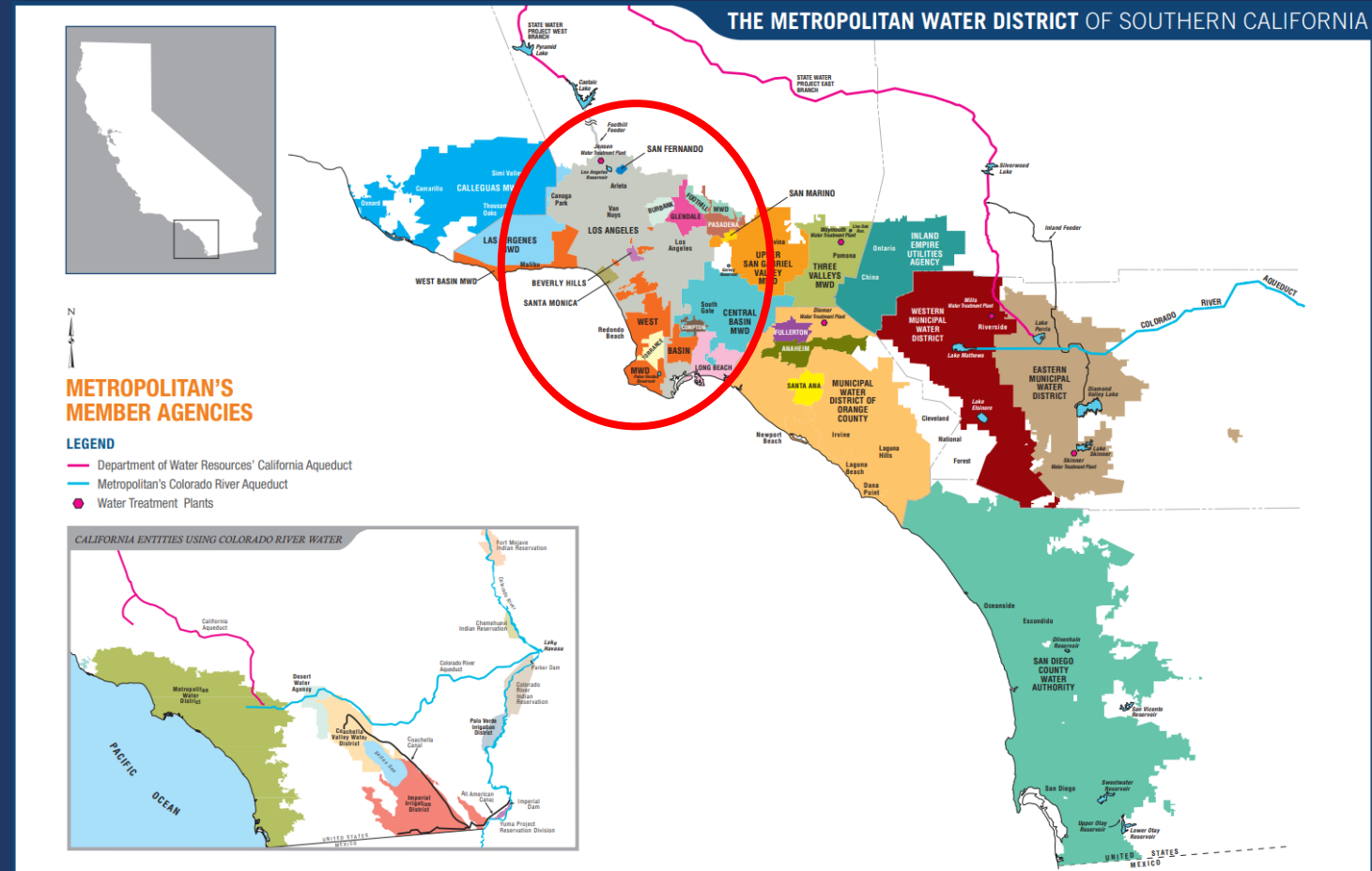
- Maximize reuse of treated wastewater from Hyperion Water Reclamation Plant
- Provide environmental benefits by reducing discharge to Santa Monica Bay
- Programmatic Environmental Impact Report (PEIR) in development
  - Notice of Preparation released August 28
- PWLA Website:  
<https://purewaterlosangeles.com>



Released March 2025

# California Is Our Supplemental Water Supplier

- Regional Water Wholesaler
- Serves 6 counties,  
over 19 million people
- 5,200 sq mi service area
- 26 Member Agencies
- Water Supply Portfolio
  - Colorado River
  - State Water Project



# MWD Is One of 29 State Water Project Contractors



# The Delta

## Hub of California's Water Supply & Economy



1. Portions of the North Coast Watershed are protected under the Federal & State Wild & Scenic Rivers Act (Klamath, Trinity, Mad, and Eel River)

# Key Delta Stressors



**Flood & Seismic**



**Sea-Level Rise**



**Fishery Declines**



**Subsidence Control**

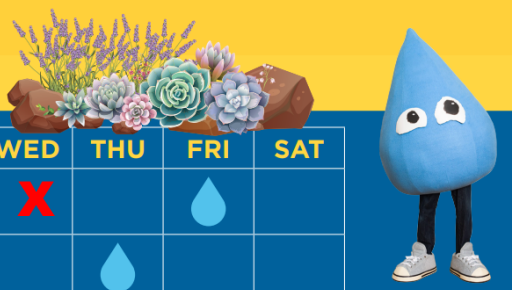
# The Water Shortage Contingency Plan Is a Stand-alone Plan Included With the UWMP

Water Shortage Contingency Plan Includes:

1. Process on how to identify and respond to shortages
2. Establishes six standard water shortage levels
3. Identifies response actions that may be implemented to respond to shortages

2022 Drought Response:

Know Your Watering Days							
Addresses End in	SUN	MON	TUE	WED	THU	FRI	SAT
ODD		💧		❌		💧	
EVEN	💧		❌		💧		

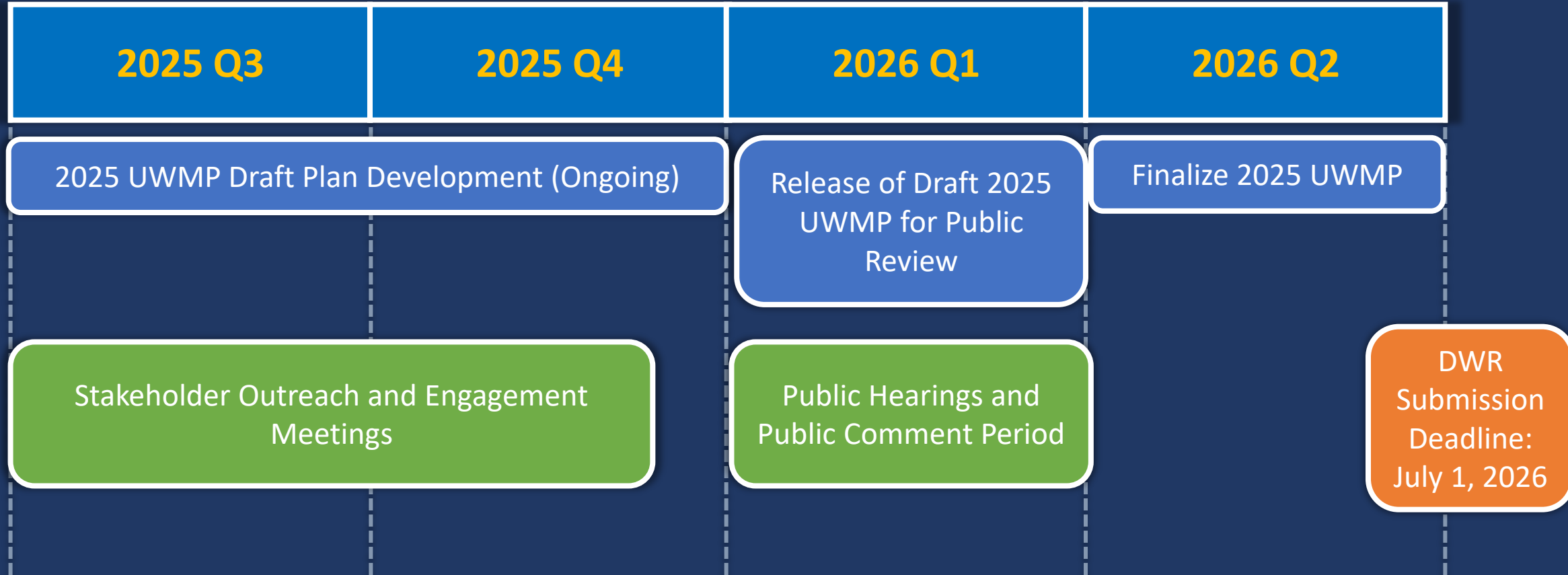


Current Watering Days:

Know Your Watering Days							
Addresses End in	SUN	MON	TUE	WED	THU	FRI	SAT
ODD		💧		💧		💧	
EVEN	💧		💧		💧		



# Tentative 2025 UWMP Development and Public Outreach Schedule



**More information available at:**

[www.ladwp.com/UWMP](http://www.ladwp.com/UWMP)

**Contact Email:**

[UWMP@ladwp.com](mailto:UWMP@ladwp.com)