

Public Hearing

To discuss and consider adoption of:

- 1) 2025 Urban Water Management Plan
- 2) 2025 Water Shortage Contingency Plan

June 25, 2026

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Systems Consulting, Inc



Reasons for UWMP Preparation

- ✓ Fulfills requirements set forth in the Urban Water Management Planning Act, incorporated into CWC Sections 10610 to 10657, which requires every urban water supplier with more than 3,000 customers or supplying more than 3,000 acre-feet annually to prepare and adopt an Urban Water Management Plan (UWMP) every five years
- ✓ Allows the City to apply for State grant and loan programs related to drinking water, wastewater, and recycled water infrastructure
- ✓ Demonstrates the City's ability to meet near- and long-term water demands with existing water supplies

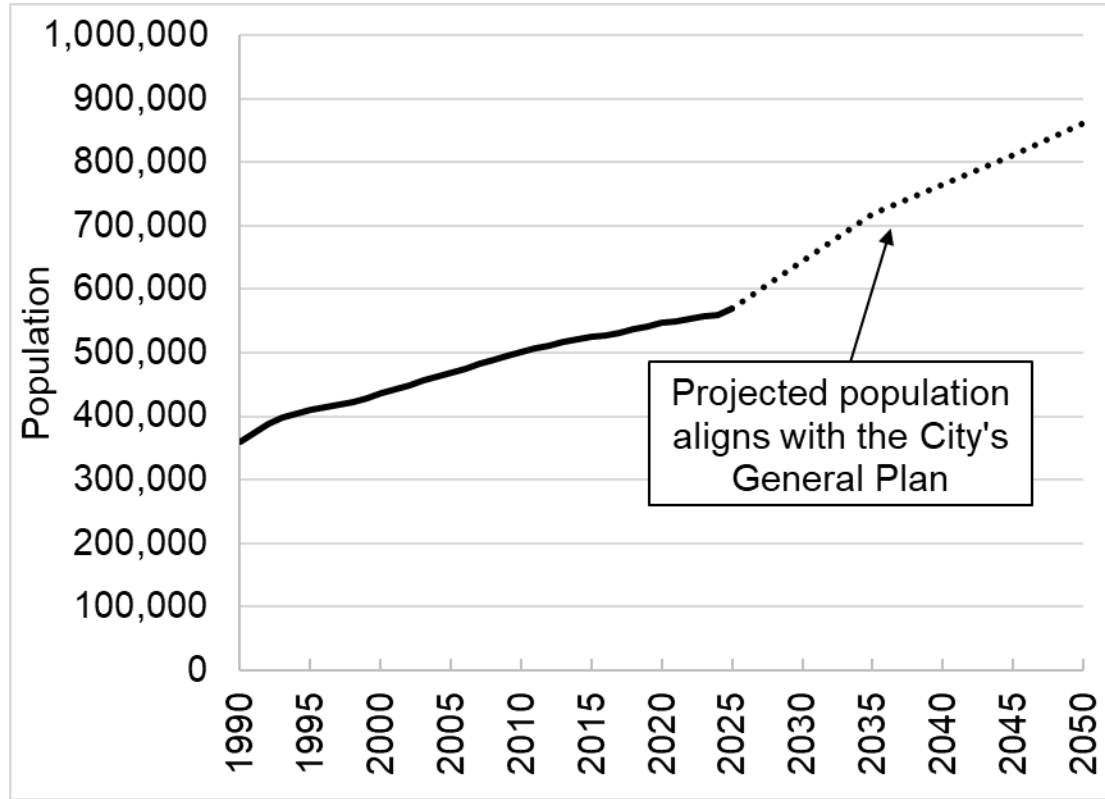
Reasons for WSCP Preparation

- ✓ Provides the City a detailed response plan to any foreseeable or unforeseeable water shortage conditions

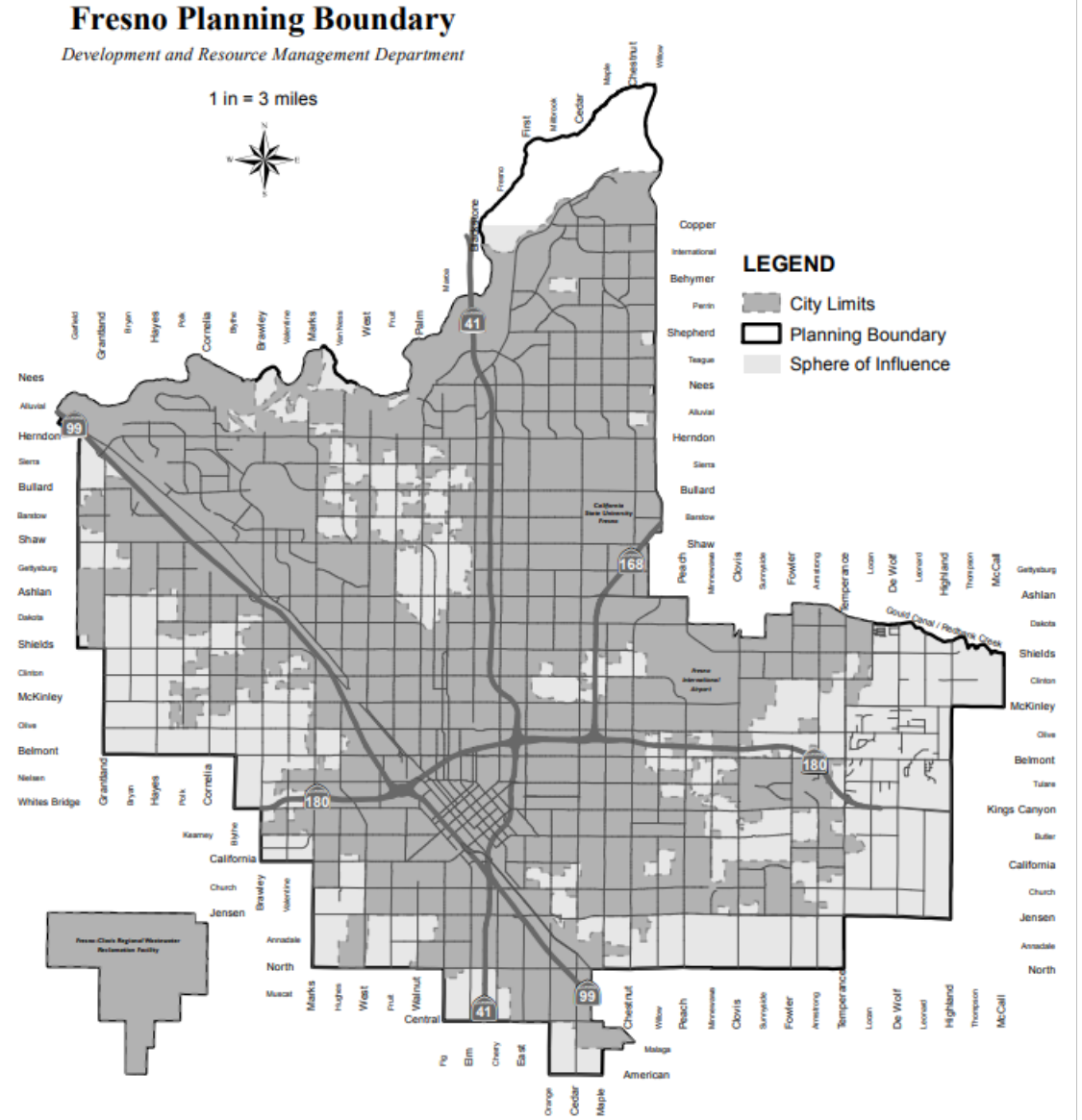
UWMP Requirements

- Service Area Description and Population Projections
- Past and Projected Water use
- Existing and Planned Water Supplies
- Water Supply Reliability Assessment
- Water Shortage Contingency Plan

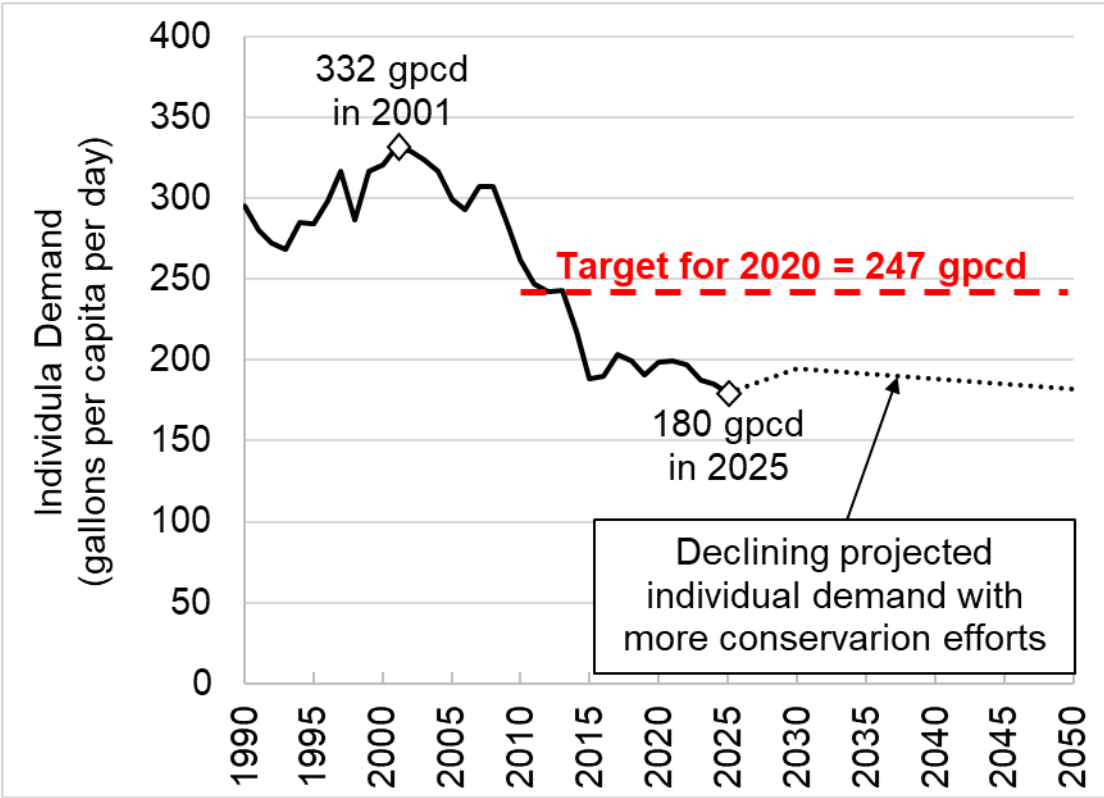
Water Service Area



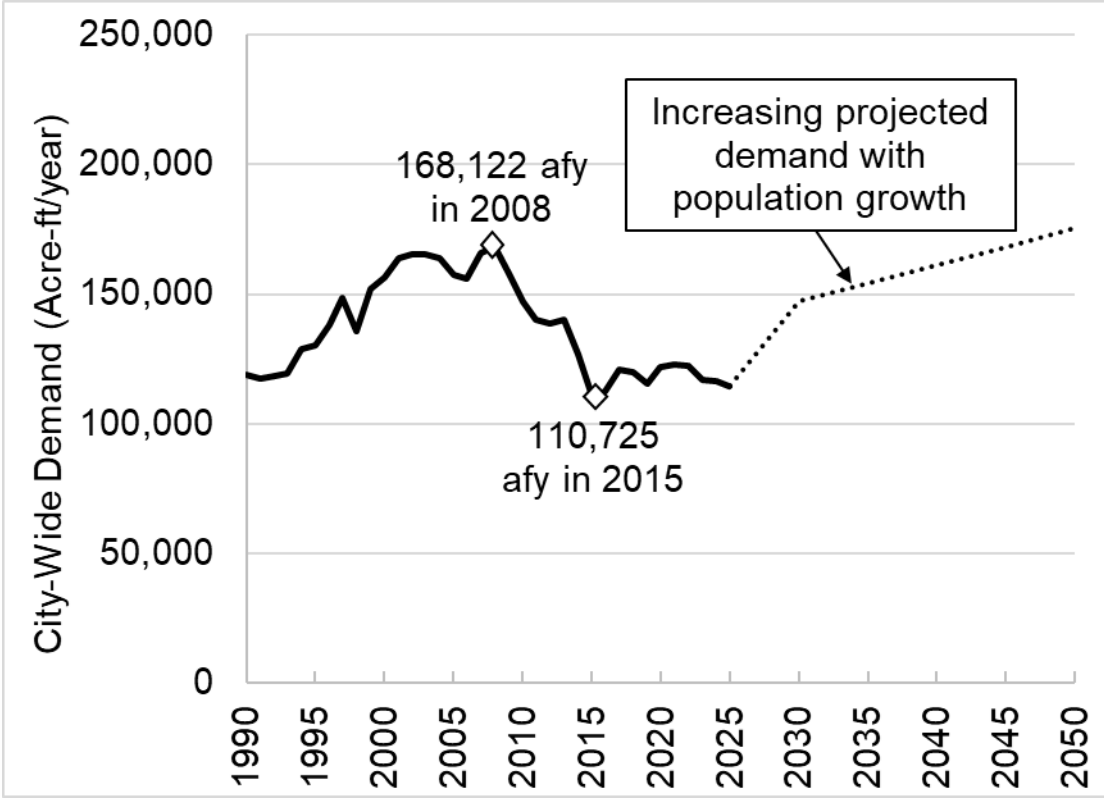
The UWMP considers all areas currently and planned to be served water within the City's sphere of influence.



Water Demand

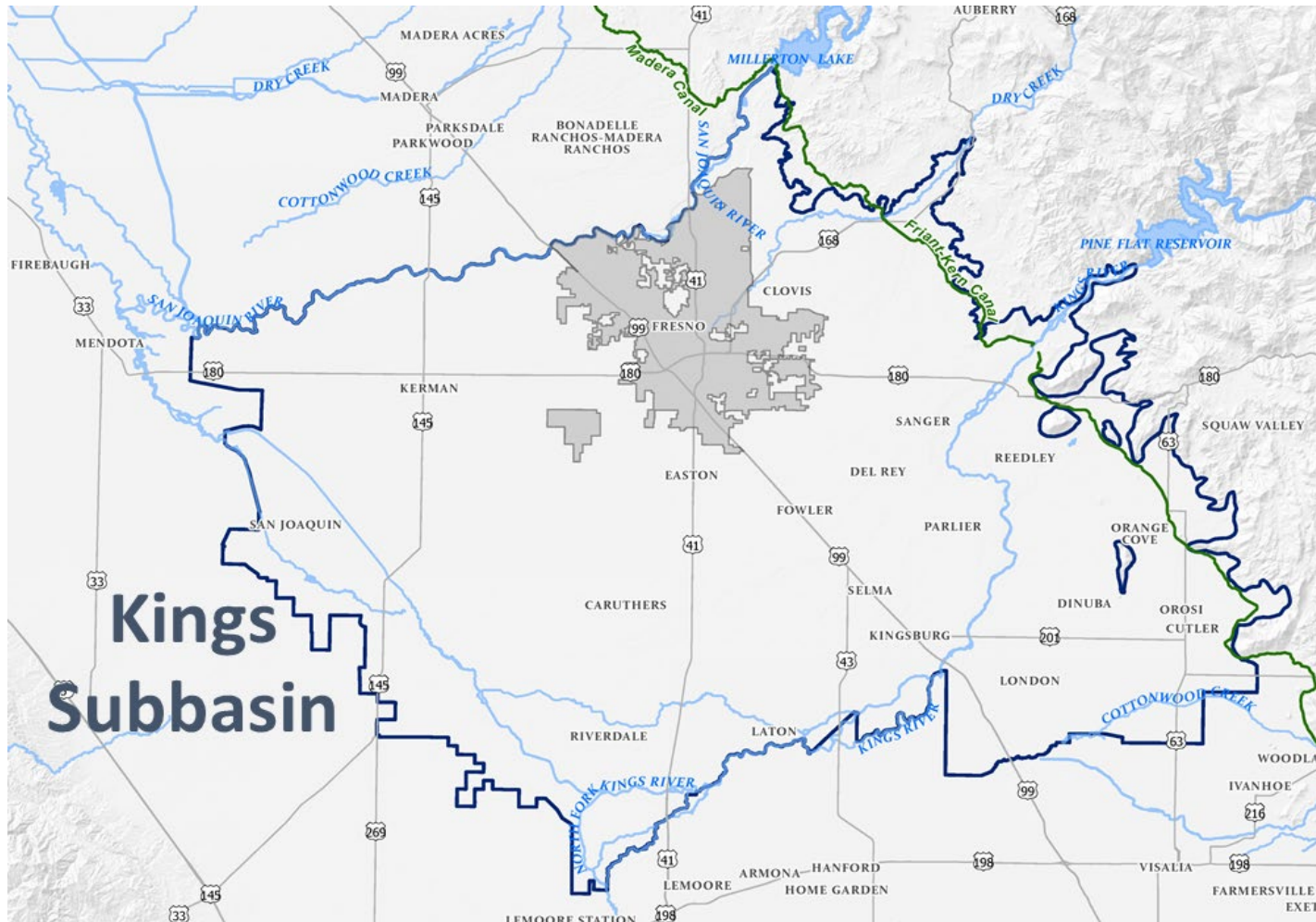


Individual water demand has decreased due to past and on-going conservation measures



City-wide demand to increase due to projected population growth

Water Supply - Groundwater



- Sustainable yield from natural recharge and subsurface inflows
- Additional groundwater storage from intentional recharge activities

Water Supply – Surface Water



Credit: Friant Water Authority
Available at: <https://friantwater.org/history>

Through an agreement originally executed in January 1961 (renewed in 2010), the City secured a surface water supply of 60,000 AF of Class 1 water from the **USBR Central Valley Project Friant Division**



Credit: US Army Corps of Engineers, Sacramento District
Available at: <https://www.spk.usace.army.mil/Missions/Recreation/Pine-Flat-Lake>

Through an agreement revised in 2016, the **Fresno Irrigation District (FID)** allocates Kings River water based on the City's water service area in the FID's service area

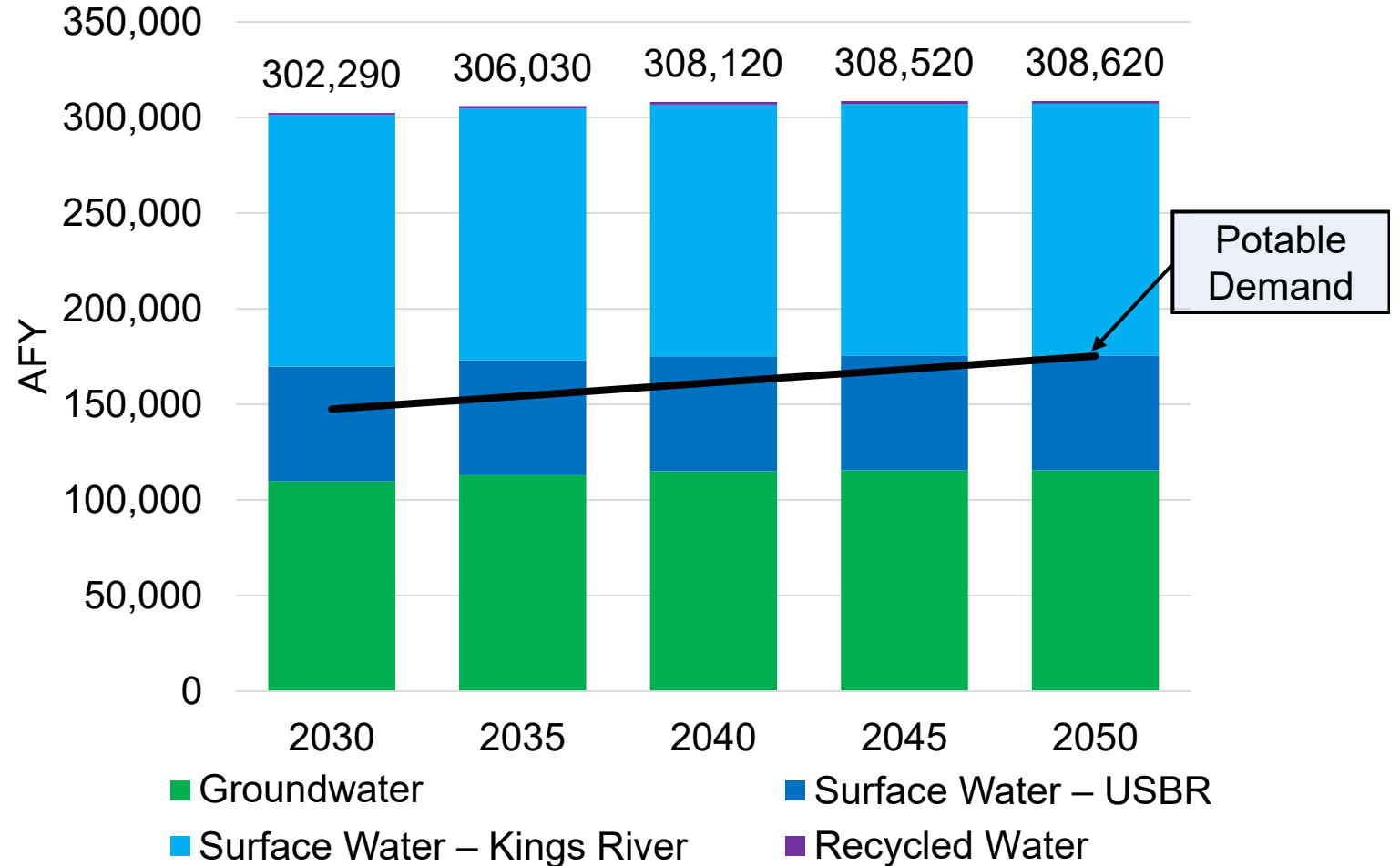
Water Supply – Recycled Water

- The Tertiary Treatment and Disinfection Facility delivers recycled water to a southwest purple pipe system for landscape irrigation and other non-potable uses
- The North Fresno Wastewater Reclamation Facility delivers recycled water to the Copper River Ranch Golf Course



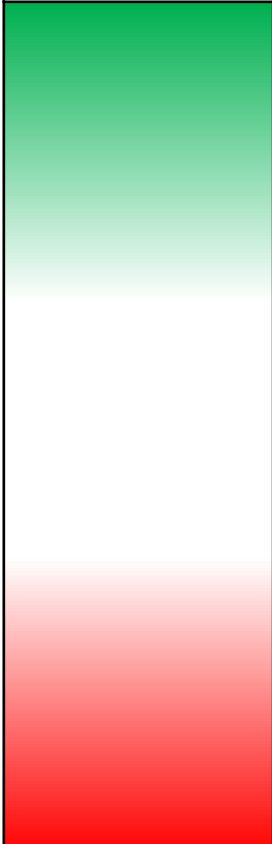
Water Supply Summary – Normal Year

The City's normal water supplies greatly exceed the potable water demand.



Water Service Reliability

- Assess reliability for:
 - Normal Year
 - Single Dry Year
 - Five-Year Drought
- **Main Takeaway:** The City is projected to meet all demands during a single normal year, single dry year, and five-year drought with the existing water supplies.

Hydrologic Conditions	Approach for Utilizing Water Resources	
	Very Wet	Surface Water Emphasis
	Wet	↕
	Normal	Balanced Surface Water & Groundwater Use
	Dry	↕
	Very Dry	Groundwater Emphasis

Water Shortage Contingency Plan

Details how the City intends to respond to water shortages

- **Foreseeable** – Drought conditions
- **Unforeseeable** – Catastrophic event

Shortage Stage	Percent Shortage Range
1	0 - 10%
2	10 – 25%
3	25 – 35%
4	35 – 50%
5	>50%

Shortage Response Actions

- Year-round measures that are part of Fresno Municipal Code Section 6-520(a)
- Demand reduction actions dictated by the shortage stage
- Supply augmentation (i.e. transfers and interconnections)
- Operational changes to City activities

The Water Shortage Contingency Plan also details communication protocols during water shortage conditions

Items Proposed for Adoption

- 1) 2025 Urban Water Management Plan
- 2) 2025 Water Shortage Contingency Plan

*If any comments are received at/or leading up to this public hearing, they may be incorporated as minor changes in the final report if needed.

Questions?