Amended 2025 Urban Water Management Plan
2025 Water Shortage Contingency Plan

Bakersfield District

November 9, 2026

Quality. Service. Value.®

Meeting Agenda

- Introduce California Water Service (CWS) staff and consultants
- Purpose and Objectives
- Presentation of the Amended 2025 Urban Water Management Plan (UWMP)
- Presentation of 2025 Water Shortage Contingency Plan (WSCP)
  - The 2025 WSCP has not been revised as part of preparation of the Amended 2025 UWMP
- Public comments and questions

2025 UWMP and Amended 2025 UWMP: Public Outreach

- Notice of Preparation to relevant entities by February 2026 (2025 UWMP) and September 2026 (Amended 2025 UWMP)
- Notice of Intent to relevant entities in April 2026 (2025 UWMP) and October 2026 (Amended 2025 UWMP)
- Two notices posted in local newspaper in May 2026 (2025 UWMP) and two notices in October 2026 (Amended 2025 UWMP)
- Draft 2025 UWMP and WSCP and Amended 2025 UWMP available for review at: https://www.calwater.com/conservation/uwmp2025
- Public hearing held May 18, 2026 (2025 UWMP) and November 9 2026 (Amended 2025 UWMP)

Urban Water Management Planning Act

- Supports long-term water resource planning to ensure adequate supplies
- California Water Code - Sections 10610-10656
- Threshold: Utilities with 3,000+ services or 3,000+ acre-feet per year (AFY) water sales
- At least a 20-year planning horizon, Cal Water's plan cover 25 years
- Must be updated every 5 years and submitted by July 1, 2026
  - The District's 2025 UWMP was submitted prior to this July 1, 2026 deadline
  - There is no regulatory deadline for the Amended 2025 UWMP; however, the Amended 2025 UWMP must be submitted to the State within 30 days of adoption
- Basis for SB-610 Water Supply Assessments

2025 UWMP Elements

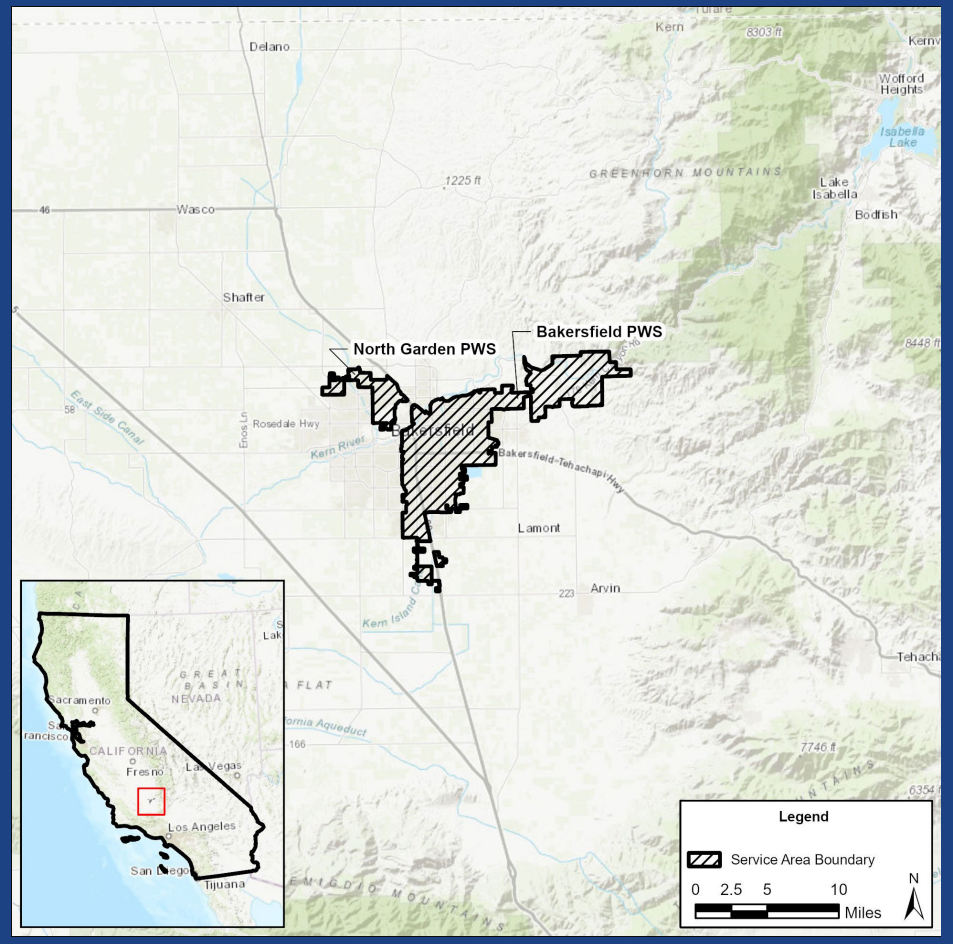
- Service area description
- Population forecast
- Supply and demand projections through 2050 in normal, single dry, and multiple dry years
- Water supply reliability
- Conservation / Demand Management Measures
- Climate change
- WSCP

Summary of Changes - Amended 2025 UWMP

- The principal update to the 2025 UWMP is the revision to the District's projected water demands (Chapter 4) due to increased future conservation budget approved by the California Public Utilities Commission (CPUC)
- Associated updates to the following chapters also made: SB X7-7 Baseline, 2020 Target and 2025 Reporting (Chapter 5), Water Supply Characterization (Chapter 6), Supply Reliability Assessment (Chapter 7), and Demand Management Measures (Chapter 9)
- Chapter 2 (Plan Preparation) and Chapter 10 (Plan Adoption, Submittal, and Implementation) have been updated to reflect the process for amending the 2025 UWMP.
- No changes to Chapter 3 (System Description) or the Water Shortage Contingency Plan were made.
- Associated updates were also made to the Conservation Master Plan included as Appendix H.

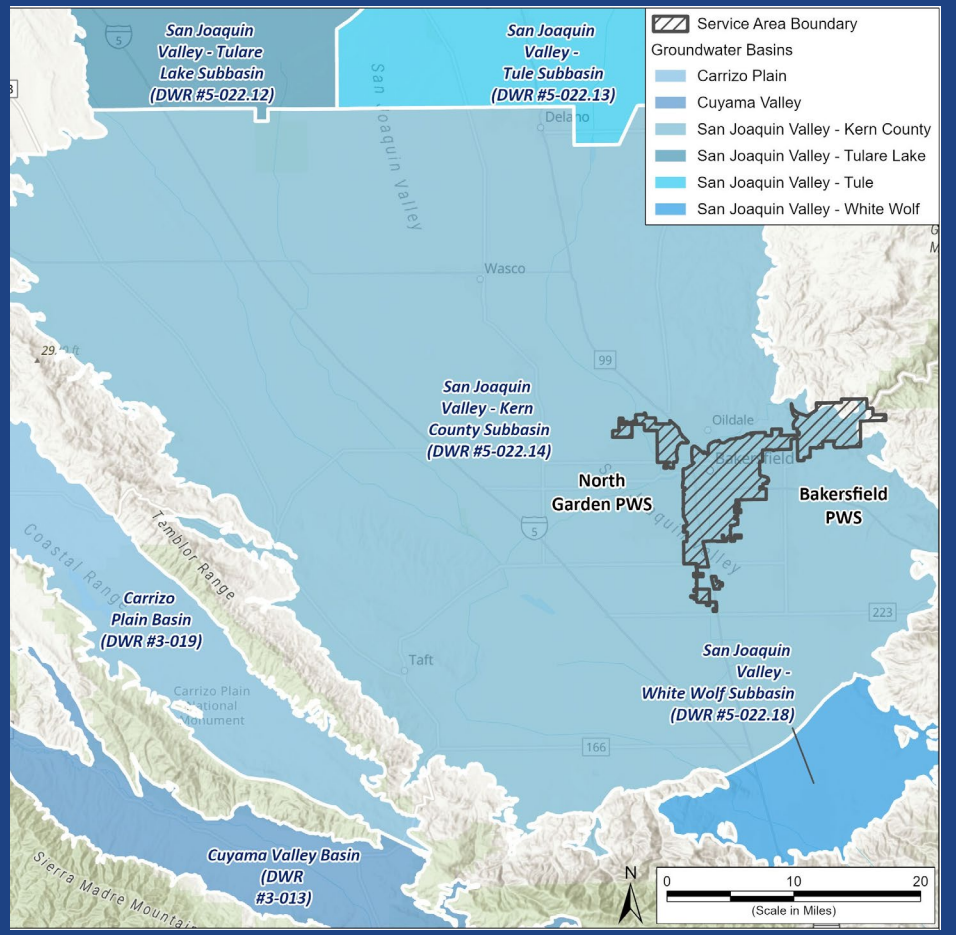
District Overview

- Formed in 1926
- Serves portions of the City of Bakersfield and segments of unincorporated Kern County lands adjacent to the City of Bakersfield
- Delivers purchased treated surface water, surface water treated at Cal Water's water treatment plants, and groundwater
- Operates 109 groundwater wells, 50 storage tanks, 78 booster pumps and 367 miles of pipeline
- No updates from the 2025 UWMP



Water Supply Sources

- Untreated surface water purchased from City of Bakersfield, treated at Cal Water's water treatment plants (16% of supply mix on average between 2021 - 2025)
- Treated surface water purchased from Kern County Water Agency-Improvement District 4 (32% of supply mix on average between 2021 - 2025)
- Groundwater pumped from the Kern County Subbasin (52% of supply mix on average between 2021 - 2025)
- No updates from the 2025 UWMP

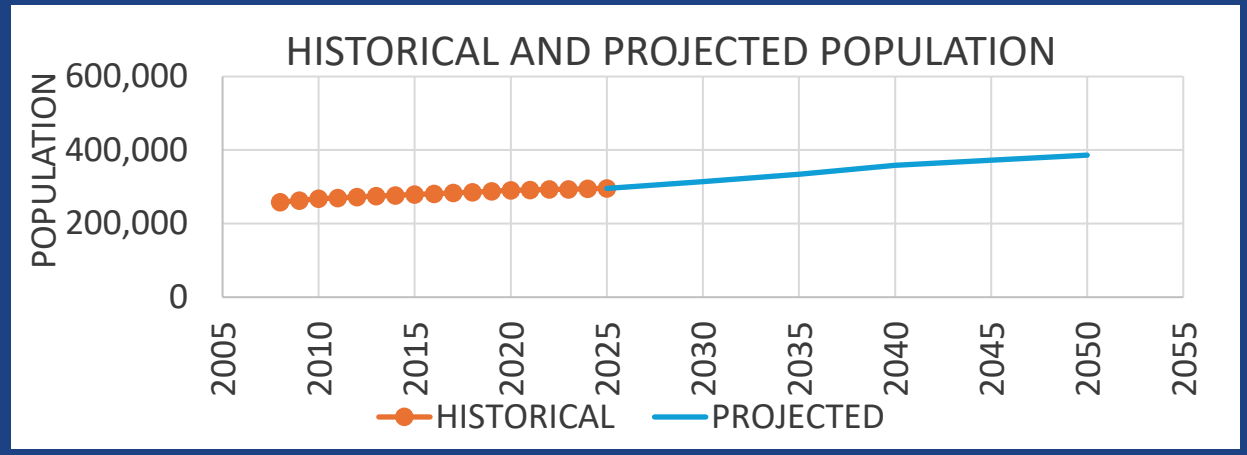


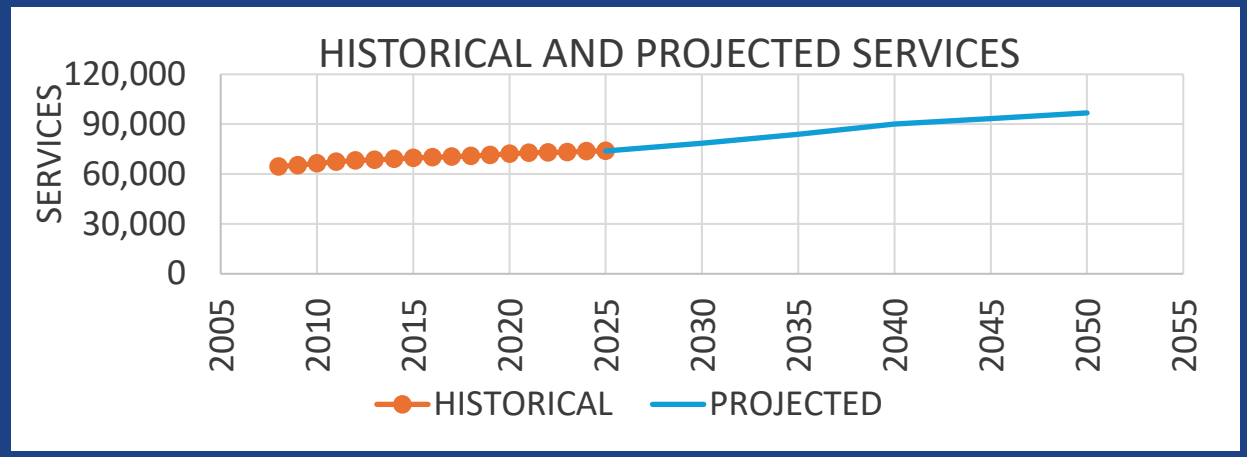
Demand Projection Methodology

- Forecast horizon is beyond 20 years required by UWMP
- Generates normal-, wet-, and dry-year demand forecasts
- Directly considers impacts of climate change
- Demand model uses historical data on services, sales, production, population, and proposed conservation measures
- Projected water use based on regional or general plan growth projections, historical water use trends, anticipated conservation, and compliance with state water use efficiency regulations
- Revised demand projections based on conservation funding approval from the CPUC

Population & Services

- Population Projections
  - 2050 population projected to be 386,300
  - 31% increase relative to 2025 population
- Service Growth
  - 2050 services projected to be 96,800
  - 31% increase relative to 2025 services
- No updates from the 2025 UWMP

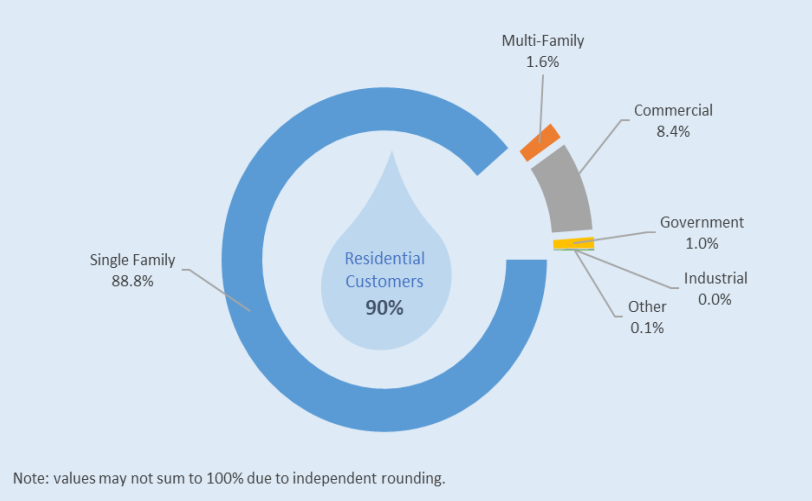




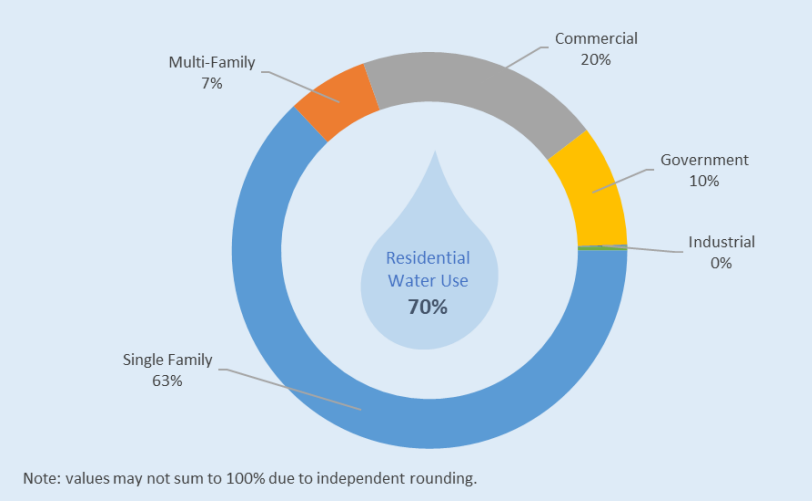
Water Demand by Customer Class

- Water demand decreased 14% between 2021 and 2025
- Largest customer sector is Single Family Residential (63% of total District demand) between 2021 – 2025
- No updates from the 2025 UWMP

Customer Categories

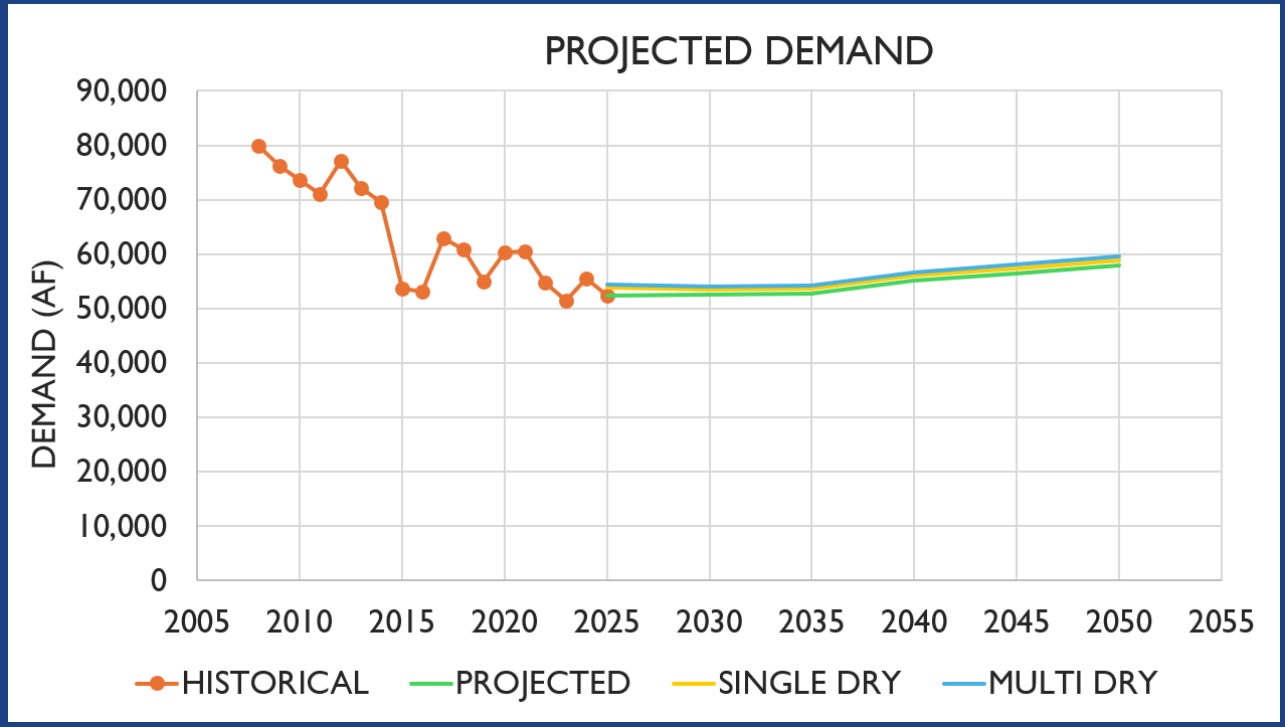


Water Demand



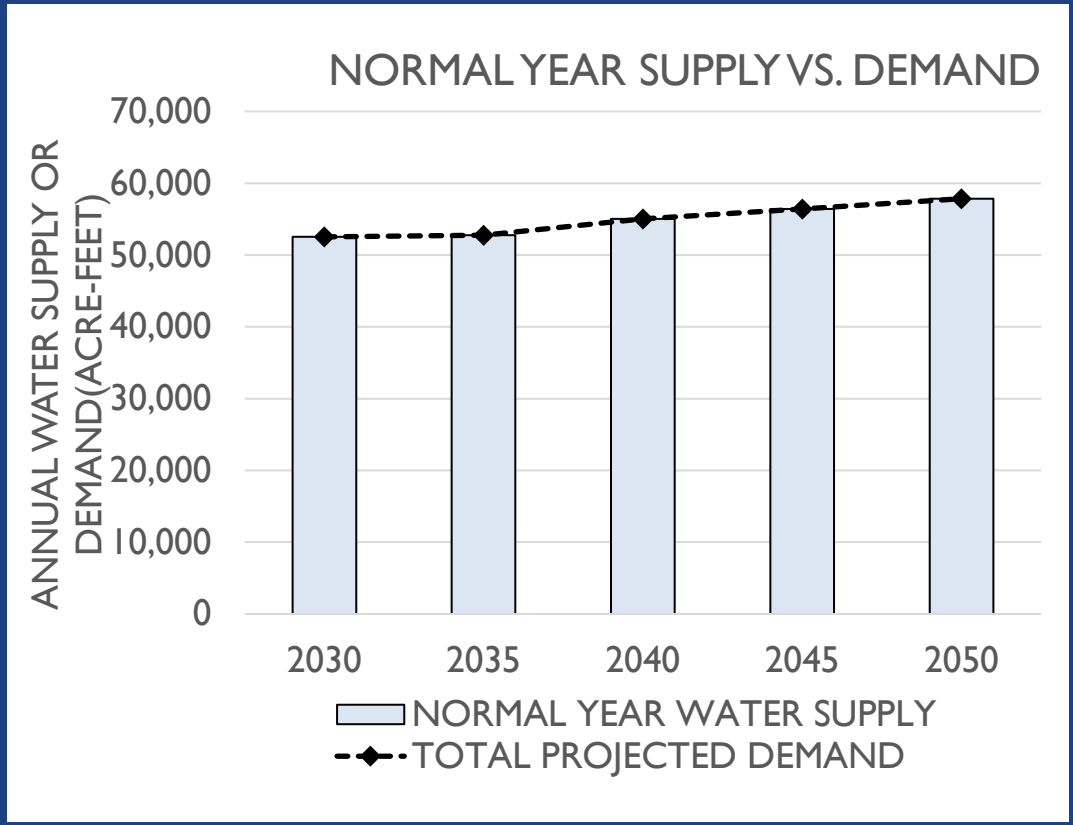
Revised Demand – Current and Projected

- By 2050, demand projected to be 57,800 acre-feet per year (AFY) under normal year conditions and up to 59,500 AFY under multi-dry year conditions
- 11% increase relative to 2025 UWMP demands



Supply Sufficiency

- Supply sufficiency analysis is based on the following factors:
  - The District has always been able to meet historical demands
  - Long-term supply agreements with wholesalers provide reliable surface water supplies
  - Projected District groundwater demands are consistent with Basin-wide sustainability planning (i.e. maintaining conditions at or above 2015 levels per the 2025 Plan)
  - Municipal & Industrial demands for groundwater are relatively small within the Basin and subject to certain legal protections
  - Projected groundwater demands are within the District's estimated pro-rata share of sustainable yield (37,095 AFY)
- Supply is projected to be sufficient to meet projected demand under normal, single dry, and multiple dry year conditions
- Any regulatory or actual shortages will be addressed by the WSCP

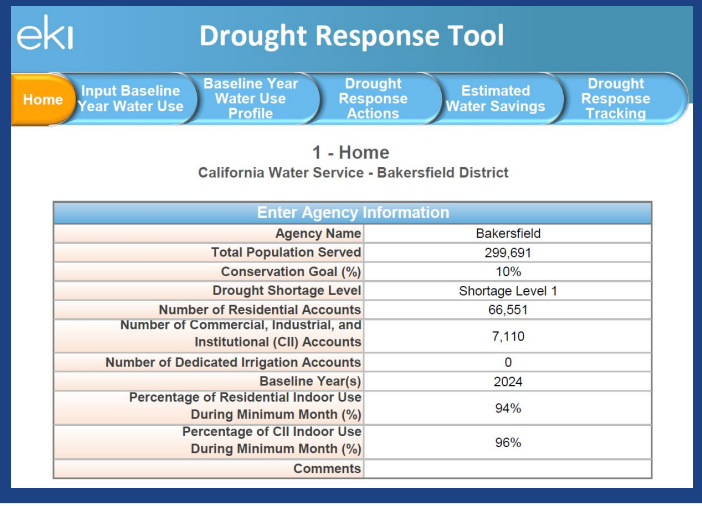


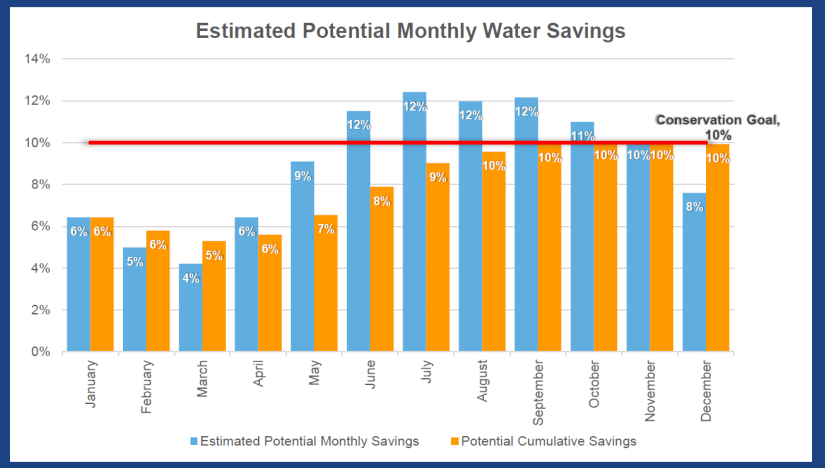
Conservation

- **Key Foundational Measures**
  - Metering & Conservation Pricing: All connections are metered to ensure accurate billing, and tiered rate structures are used to incentivize lower water use
  - System Loss Management: Ongoing leak detection and repair programs minimize “real losses” within the distribution system
  - Education & Outreach: Public information campaigns, school education programs and dedicated staffing support and coordinate conservation initiatives
  - Water Waste Prevention: Ordinances prohibit activities such as excessive runoff and washing down driveways
- **Programs & Compliance**
  - Customer Programs: Landscape tune-ups and rebates for high efficiency irrigation equipment and indoor devices, and conservation kits
  - Target Achievement: Successful implementation of these measures enabled the District to meet its 2020 water use target

Water Shortage Contingency Plan Elements

- Comprehensive drought response plan
  - Procedures for the Annual Water Supply and Demand Assessments
  - Six standard water Shortage Levels (10% to >50%)
  - Shortage response actions
  - Communication protocols
  - Monitoring, enforcement, and reporting
- Quantitatively assessed using Drought Response Tool (DRT)
- No updates from the 2025 UWMP





Questions or Comments



- Review the draft Amended 2025 UWMP and submit public comments at: https://www.calwater.com/conservation/uwmp2025
- Comments on the draft Amended 2025 UWMP will be accepted through **November 12, 2026** (three days from today)