



Olivehurst Public Utility District



2025 Urban Water Management Plan

Public Hearing

May 21, 2026

What is an Urban Water Management Plan (UWMP)?

- Long-range water planning document evaluating water supply and demand through 2050
- Planning tool to ensure adequate availability and reliability of water supplies to meet current and projected future demands
- Serves as a foundational document for Water Supply Assessments for proposed development projects, as required by SB 610 (2001) and SB 221 (2001)

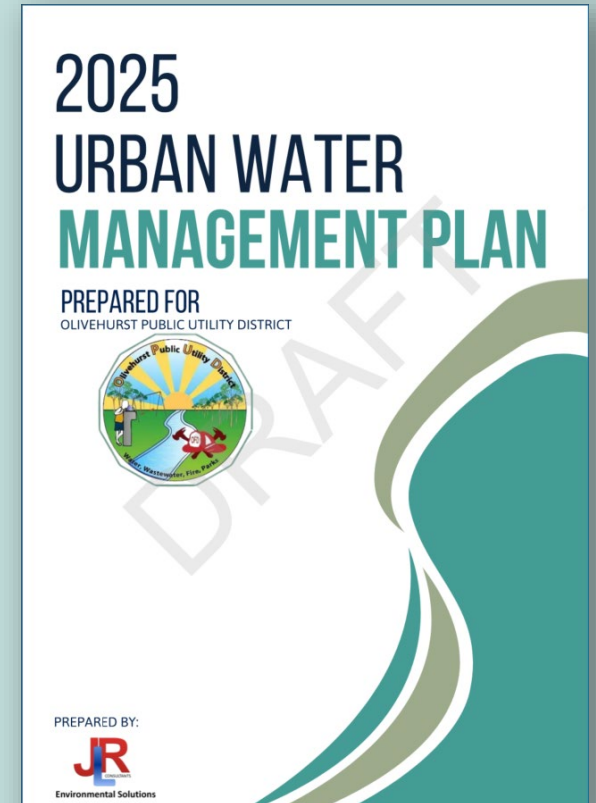
Why is an UWMP Required?

- Urban Water Management Planning Act (AB 797 enacted in 1983, Water Code Sections 10610-10657)
 - Applies to urban water suppliers serving more than 3,000 customers or 3,000 acre-feet/year of supply
 - Required to be updated every 5 years
 - Required for the District to remain eligible for State grants and loans

In 2025, the District served approximately 9,120 connections and delivered 1,496 million gallons (approximately 4,600 acre-feet) of potable water to customers

Key Components of the District's 2020 UWMP

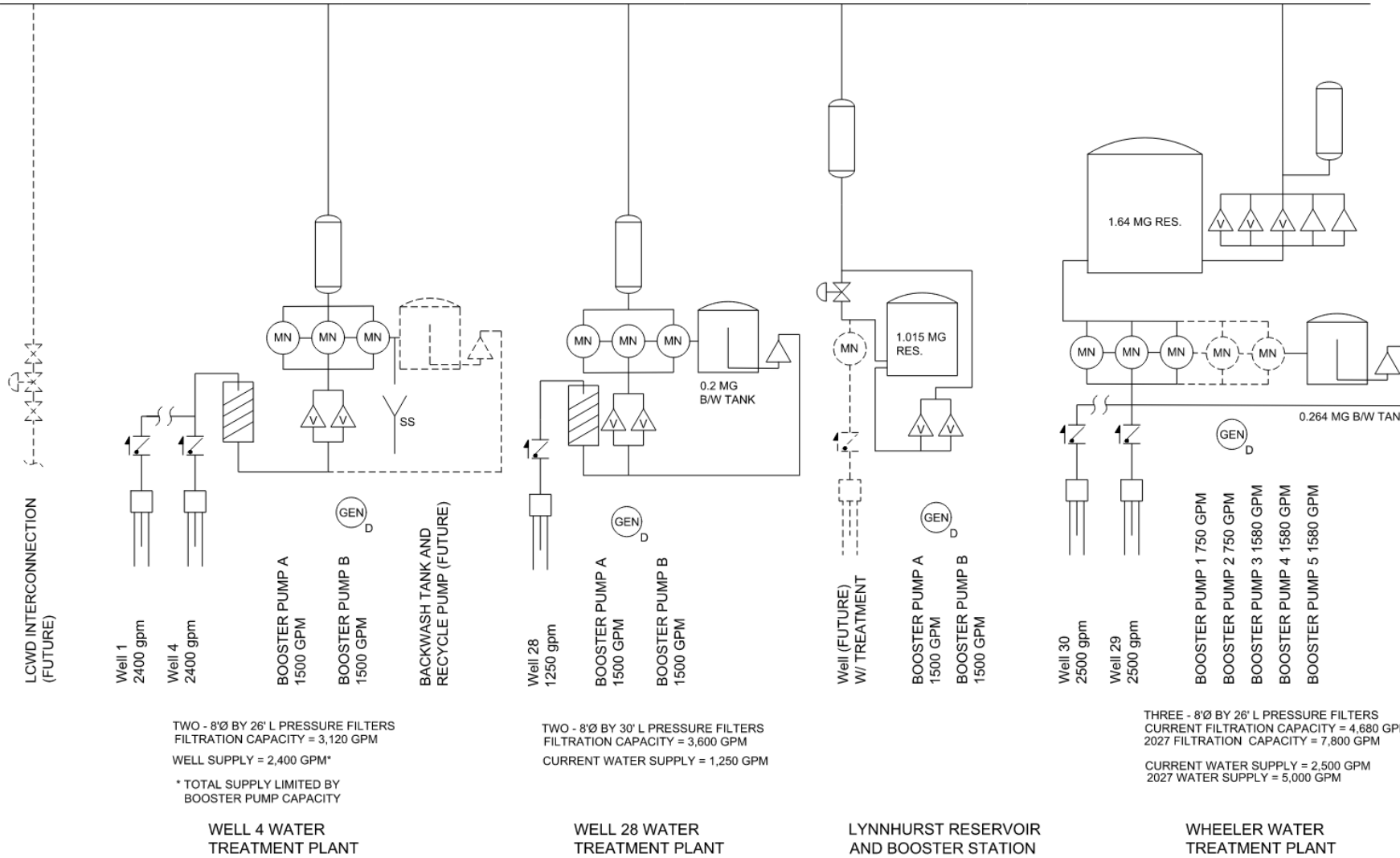
- System Description (**Chapter 3**)
- Water Demand Projections (**Chapter 4**)
- Conservation Target Compliance (SB X7-7) (**Chapter 5**)
- Water Supply Availability and Reliability (**Chapters 6 & 7**)
- Supply and Demand Comparison (**Chapter 7**)
- Water Shortage Contingency Plan (**Chapter 8 and Appendix J**)
- Demand Management Measures (**Chapter 9**)



TYPICAL DISCHARGE PRESSURE 58 TO 62 PSI

LEGEND:

- ON LINE
- OFFLINE
- - - FUTURE
- (MN) MANGANESE FILTER
- [Hatched Box] METHANE AIR STRIPPER
- [Large Box] BACKWASH TANK OR RESERVOIR
- [Cylinder] HYDROPNEUMATIC TANK
- [Valve] MANUAL VALVE
- [Control Valve] CONTROL VALVE
- [Check Valve] CHECK VALVE
- [Flow Meter] FLOW METER
- [Well] WELL (CONSTANT SPEED UNLESS SHOWN WITH A "V" WHICH REPRESENTS VARIABLE FREQUENCY DRIVE)
- (GEN_D) STANDBY POWER GENERATOR, DIESEL
- (GEN_{NG}) STANDBY POWER GENERATOR, NATURAL GAS
- v VARIABLE FREQUENCY DRIVE
- Y_{SS} DRAIN - SANITARY SEWER



LCWD INTERCONNECTION (FUTURE)

TWO - 8'Ø BY 26' L PRESSURE FILTERS
 FILTRATION CAPACITY = 3,120 GPM
 WELL SUPPLY = 2,400 GPM*
 * TOTAL SUPPLY LIMITED BY
 BOOSTER PUMP CAPACITY

WELL 4 WATER TREATMENT PLANT

TWO - 8'Ø BY 30' L PRESSURE FILTERS
 FILTRATION CAPACITY = 3,600 GPM
 CURRENT WATER SUPPLY = 1,250 GPM

WELL 28 WATER TREATMENT PLANT

LYNNHURST RESERVOIR AND BOOSTER STATION

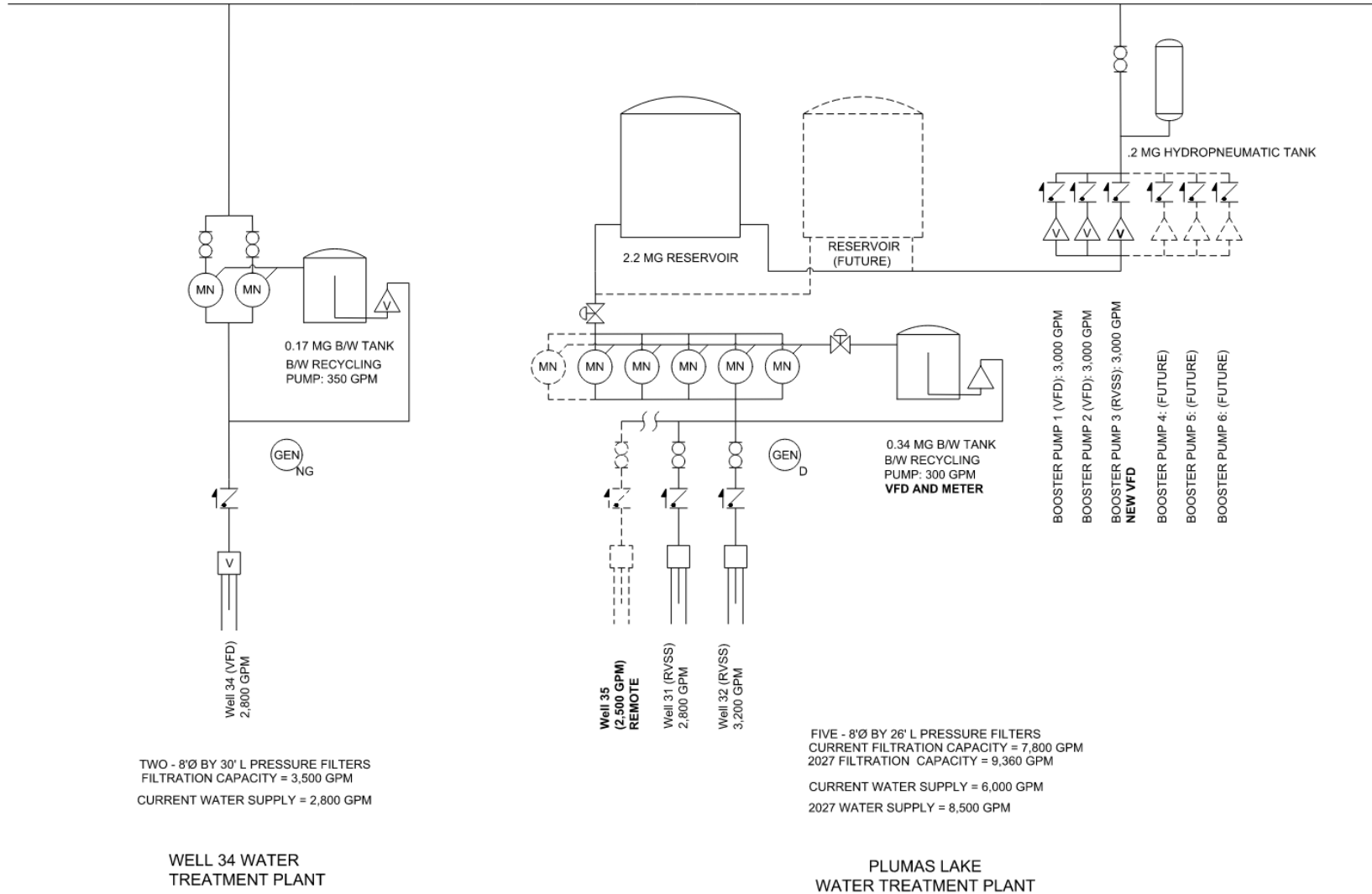
THREE - 8'Ø BY 26' L PRESSURE FILTERS
 CURRENT FILTRATION CAPACITY = 4,680 GPM
 2027 FILTRATION CAPACITY = 7,800 GPM
 CURRENT WATER SUPPLY = 2,500 GPM
 2027 WATER SUPPLY = 5,000 GPM

WHEELER WATER TREATMENT PLANT

CONSULTANT: AFFINITY ENGINEERING 3221 FITZGERALD RD, Rancho Cordova, CA, 95742 www.affinityengineering.com		NO.	REVISION DESCRIPTION	BY	DATE	CLIENT: Olivehurst Public Utility District 1970 9th Avenue, Olivehurst, CA 95961	PROJECT: OLIVEHURST WATER SYSTEM	SCALE: N.T.S	SHEET NAME: SS-1 SHEET NUMBER: 1 OF 1 3/10/26			
								ATTENTION LINE IS 2" AT FULL SIZE (SCALE ACCORDINGLY)		SHEET TITLE: SYSTEM SCHEMATIC		



TYPICAL DISCHARGE PRESSURE 58 TO 65 PSI

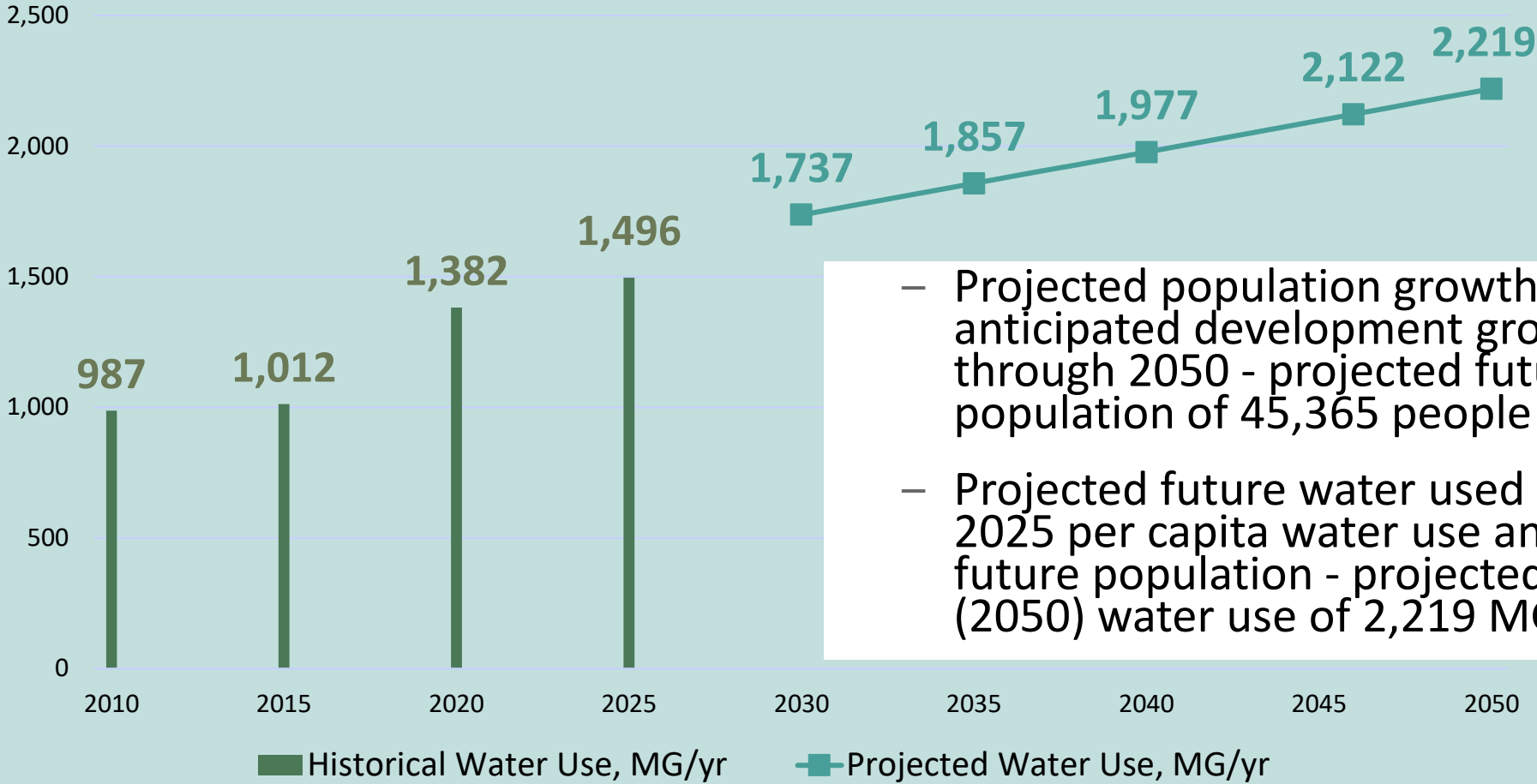


- LEGEND:
- ON LINE
 - OFFLINE
 - - - FUTURE
 - (MN) MANGANESE FILTER
 - [Hatched Box] METHANE AIR STRIPPER
 - [Cylinder] BACKWASH TANK OR RESERVOIR
 - [Cylinder] HYDROPNEUMATIC TANK
 - [Valve] MANUAL VALVE
 - [Valve] CONTROL VALVE
 - [Valve] CHECK VALVE
 - [Circle with 'V'] FLOW METER
 - [Well Symbol] WELL (CONSTANT SPEED UNLESS SHOWN WITH A "V" WHICH REPRESENTS VARIABLE FREQUENCY DRIVE)
 - [Triangle] BOOSTER PUMP
 - (GEN_D) STANDBY POWER GENERATOR, DIESEL
 - (GEN_{NG}) STANDBY POWER GENERATOR, NATURAL GAS
 - V VARIABLE SPEED

CONSULTANT: AFFINITY ENGINEERING 3221 FITZGERALD RD, Rancho Cordova, CA, 95742 www.affinityengineering.com		NO.	REVISION DESCRIPTION	BY	DATE	CLIENT: Olivehurst Public Utility District 1970 9th Avenue, Olivehurst, CA 95961	PROJECT: PLUMAS LAKE WATER SYSTEM	SCALE: N.T.S	SHEET TITLE: WATER SYSTEM SCHEMATIC	SHEET NAME: SS-1		
								ATTENTION LINE IS 2" AT FULL SIZE (SCALE ACCORDINGLY)		SHEET NUMBER: 1 OF 1		
										3/10/26		



Recent and Projected District Water Demands



- Projected population growth is based on anticipated development growth through 2050 - projected future (2050) population of 45,365 people
- Projected future water used based on 2025 per capita water use and projected future population - projected future (2050) water use of 2,219 MG/yr



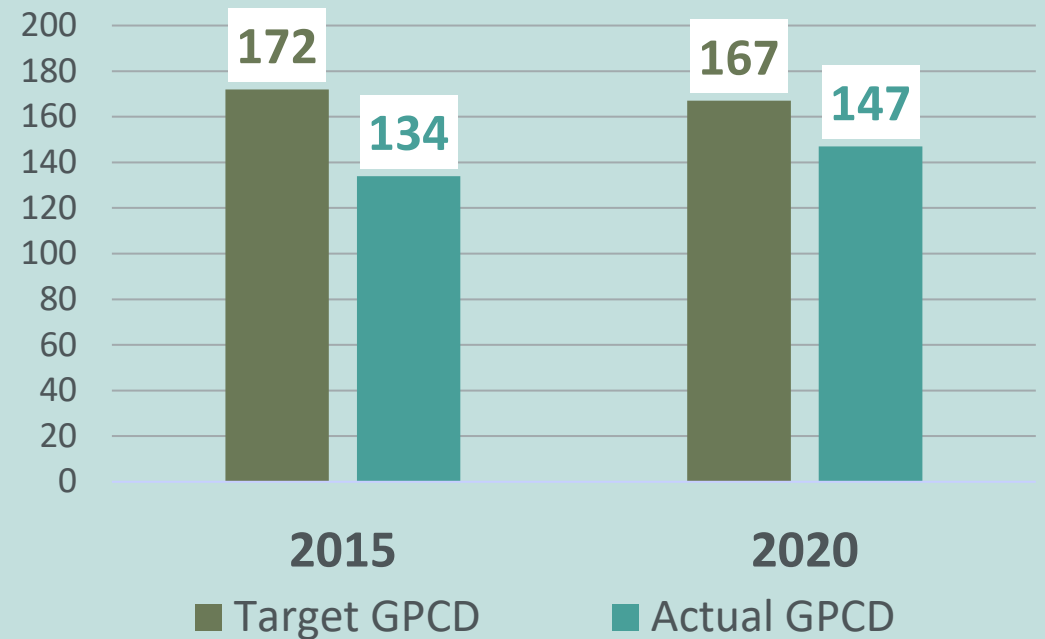
Water Supplies

- Sacramento Valley Groundwater Basin
 - South Yuba Subbasin
- Olivehurst System
 - 6 active wells
 - 3 treatment plants
- Plumas Lake System
 - 3 active wells
 - 2 treatment plants
- 2025 Filter Capacity = 22,700 gpm (11,931 MG/yr)
- 2027 Filter Capacity = 27,380 gpm (14,391 MG/yr)
- **The 2025 UWMP demonstrates that the District's water supplies are adequate to meet existing and projected water demands through 2050**



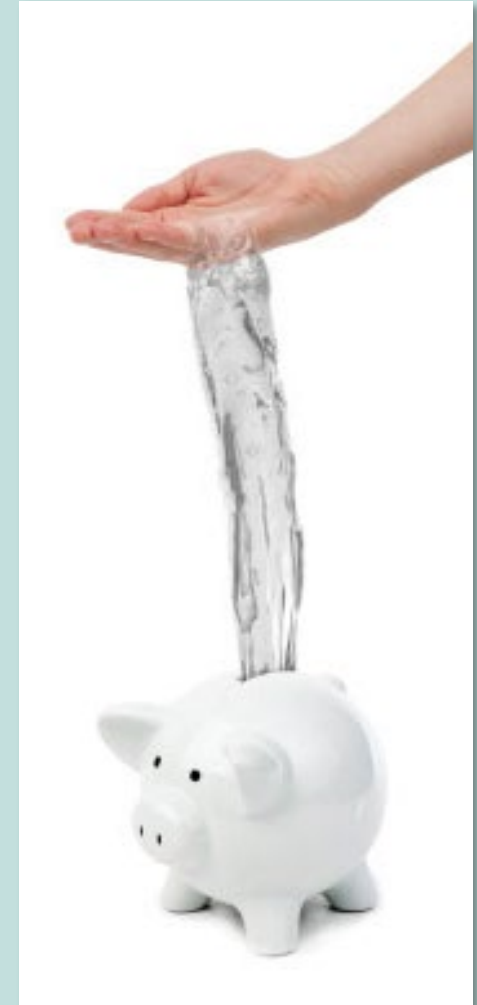
Water Conservation Act of 2009 (SB X7-7)

- Enacted in 2009 and first included in 2010 UWMPs
- Required urban water suppliers to adopt per capita water use targets for 2015 and 2020
- **The District met its 2015 and 2020 per capita water use targets**
- **2025 Actual GPCD = 129**



Water Conservation & Demand Management Measures

- Water Waste Prevention Ordinances
- Metering
- Conservation Pricing
- Public Education and Outreach
- Programs to Assess and Manage Distribution System Real Loss
- Water Conservation Program Coordination and Staffing



Water Shortage Contingency Plan

- Describes the District's plan for preparing for and responding to water shortages
- Written to conform to the State's standard shortage stages and requirements for coordination with the annual water supply and demand assessment
 - WSCP has six shortage stages: 10, 20, 30, 40, 50, and greater than 50 percent shortage
- Included as a separate document to the 2025 UWMP (Appendix J) so that it can be updated separately as needed

**Stage 1 – 0-10% reduction
Water Supply Warning**

**Stage 2 – 10-20% reduction
Water Shortage Alert**

**Stage 3 – 20-30% reduction
Water Shortage Crisis**

**Stage 4 – 30-40% reduction
Water Shortage Severe Crisis**

**Stage 5 – 40-50% reduction
Water Shortage Emergency**

**Stage 6 – > 50% reduction
Water Shortage Catastrophic Emergency**

Public Outreach and Key Dates

✓	March 6, 2026	60-Day Notices sent to Yuba County, Yuba Water Agency, Linda County Water District, Marysville Joint Unified School District, Plumas Lake School District
✓	April 15	Notice of Public Hearing provided to Yuba County and other stakeholders and posted on the District website Draft UWMP posted on District website and available at District office
✓	April 24 – May 21	Public Review Period (14-day minimum)
✓	April 24 and May 1	Two Notices Posted in the Territorial Dispatch
	May 21	Public Hearing District Board of Directors to Consider Plan Adoption
	Within 30 Days of Adoption	Submittal to DWR Submittal to California State Library and Yuba County, and available for public review

Recommendations

- Conduct public hearing
- Adopt resolution approving the 2025 Urban Water Management Plan and Water Shortage Contingency Plan
- Direct staff to submit the adopted 2025 UWMP and WSCP to the California Department of Water Resources, California State Library, and Yuba County and make the plans available for public review