



Olivehurst Public Utility District



2020 Urban Water Management Plan Public Hearing January 24, 2022

1

What is an Urban Water Management Plan (UWMP)?

- Long-range water planning document evaluating water supply and demand through 2045
- 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 and SB 221)



2

Why is an UWMP Required?

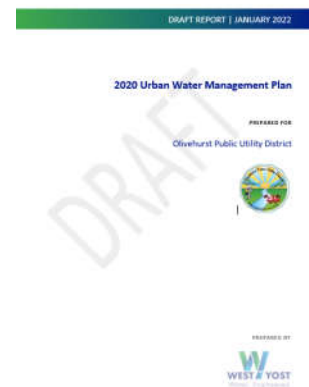
- Urban Water Management Planning Act (AB 797 enacted in 1983, Water Code Sections 10610-10657)
 - Applies to urban water suppliers serving more than 3,000 customers or 3,000 acre-feet/year of supply
 - Required to be updated every 5 years
 - Required for the District to remain eligible for State grants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

In 2020, the District served approximately 7,400 connections and delivered 1,382 million gallons (approximately 4,200 acre-feet) of potable water to customers

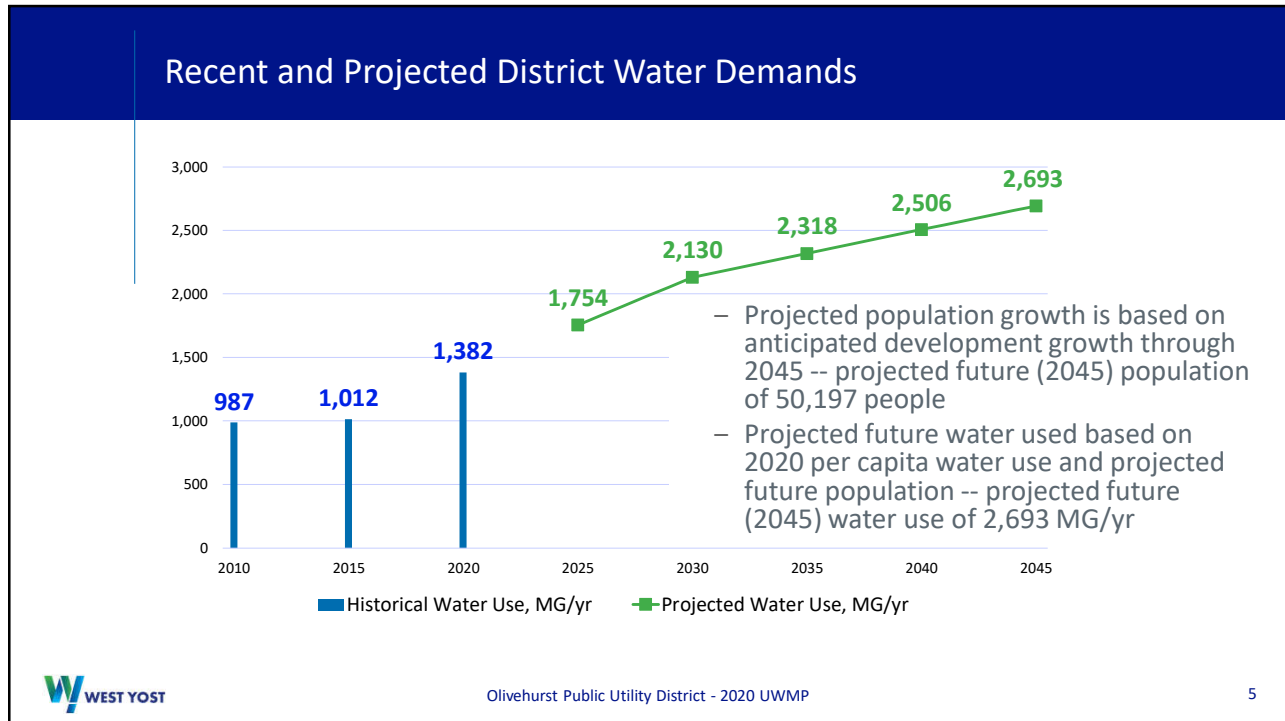
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Key Components of the District's 2020 UWMP

- 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**)



4



5

Water Supplies

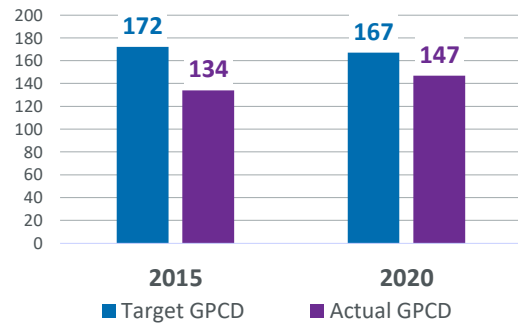
- Sacramento Valley Groundwater Basin
 - South Yuba Subbasin
- Olivehurst System
 - 6 active wells
 - 3 treatment plants
- Plumas Lake System
 - 3 active wells
 - 2 treatment plants
- Filter Capacity = 16,600 gpm (8,725 MG/yr)
- **The 2020 UWMP demonstrates that the District's water supplies are adequate to meet existing and projected water demands through 2045**

WEST YOST Olivehurst Public Utility District - 2020 UWMP 6

6

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**



7

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




8

Water Shortage Contingency Plan

- Describes the District’s plan for preparing for and responding to water shortages
- Updated to conform to the State’s standard shortage stages and new requirements for coordination with the annual water supply and demand assessment
 - Previous WSCP had four shortage stages up to a 50 percent shortage
 - Updated WSCP has six shortage stages: 10, 20, 30, 40, 50, and greater than 50 percent shortage
- Prepared as a separate document and included as an appendix to the 2020 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




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9

9

Public Outreach and Key Dates

✓	November 23, 2021	60-Day Notices sent to Yuba County, Yuba Water Agency, Linda County Water District, Marysville Joint Unified School District, Plumas Lake School District
✓	January 3	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
✓	January 7 - 24	Public Review Period (14-day minimum)
✓	January 7 and 14	Two Notices Posted in the Territorial Dispatch
	January 24	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



Olivehurst Public Utility District - 2020 UWMP

10

10

Recommendations

- Conduct public hearing
- Adopt resolution approving the 2020 Urban Water Management Plan and Water Shortage Contingency Plan
- Direct staff to submit the adopted 2020 UWMP and WSCP to the California Department of Water Resources, California State Library, and Yuba County and make the plans available for public review