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)
Why is an UWMP Required?

  - 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.

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)
Recent and Projected District Water Demands

- Projected population growth is based on anticipated development growth through 2045 -- projected future (2045) population of 50,197 people
- Projected future water used based on 2020 per capita water use and projected future population -- projected future (2045) water use of 2,693 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
- 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
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

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
- 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

<table>
<thead>
<tr>
<th>Stage</th>
<th>Reduction (%)</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0-10%</td>
<td>Water Supply Warning</td>
</tr>
<tr>
<td>2</td>
<td>10-20%</td>
<td>Water Shortage Alert</td>
</tr>
<tr>
<td>3</td>
<td>20-30%</td>
<td>Water Shortage Crisis</td>
</tr>
<tr>
<td>4</td>
<td>30-40%</td>
<td>Water Shortage Severe Crisis</td>
</tr>
<tr>
<td>5</td>
<td>40-50%</td>
<td>Water Shortage Emergency</td>
</tr>
<tr>
<td>6</td>
<td>&gt;50%</td>
<td>Water Shortage Catastrophic Emergency</td>
</tr>
</tbody>
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Public Outreach and Key Dates

- 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
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