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**M E M O R A N D U M**

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DATE July 21, 2023  
TO Jennifer Bragg, City Administrator, City of Yoncalla  
FROM Tyler Molatore, PE, The Dyer Partnership  
PROJECT NAME Yoncalla Water Curtailment  
PROJECT NO. 142.00

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Greetings Jennifer,

The table on the following page is a part of the City of Yoncalla Water Master Plan (2001). It identifies alert stages, stage activation criteria, and action measures for the city's Water Curtailment Plan. Please feel free to contact me with any questions or for more information.

Thanks,

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## WATER CURTAILMENT PLAN

Alert Stage	Stage Activation	Action Measures
<b>No. 1 Water Alert</b>	<ol style="list-style-type: none"> <li>1. PI (-2 to -3) and/or</li> <li>2. SWSI (-1.5 to -2.5) and/or</li> <li>3. Water diverted from Adams Creek between the months of November through April, and/or</li> <li>4. Delivery disruption &gt; 24 hrs., forecasted storage &gt; 3 days, and/or</li> <li>5. Staff assessment.</li> </ol>	<ol style="list-style-type: none"> <li>1. Water status sign will indicate Alert Stage No. 1.</li> <li>2. Call for voluntary reduction in all water use; mandatory for watering.</li> <li>3. Prohibit outside watering only between 9 p.m. to 7 a.m.</li> <li>4. Restrict outside watering for even addresses on even numbered days &amp; odd addresses on odd numbered days. No outside watering on Sundays.</li> <li>5. Prohibit water wasted down gutters or streets &amp; wash down of paved surfaces, streets, &amp; structures.</li> <li>6. Water use for wash down of paved surfaces &amp; structures only for health &amp; safety purposes.</li> <li>7. Public outreach promoting conservation.</li> <li>8. Implement curtailment water rates &amp; enforce penalties.</li> <li>9. Cease sale of water to users not currently on the system.</li> <li>10. Prohibit new hook-ups to the City's water system.</li> <li>11. Prohibit water to be used by Fire Department for drills or truck washing.</li> </ol>
<b>No. 2 Water Warning</b>	<ol style="list-style-type: none"> <li>1. PI (-3 to -4) and/or</li> <li>2. SWSI (-2.5 to -3.25) and/or</li> <li>3. Water diverted from Adams Creek in the month of May, and/or</li> <li>4. Delivery disruption &gt; 24 hrs., forecasted storage between 2 &amp; 3 days.</li> <li>5. Staff assessment.</li> </ol>	<ol style="list-style-type: none"> <li>1. Water status sign will indicate Alert Stage No. 2.</li> <li>2. All Stage No. 1 prohibited activities are also forbidden under Stage No. 2.</li> <li>3. Curtailment water rates &amp; penalties remain in-place.</li> <li>4. Continue public outreach to community.</li> <li>5. Watering of any lawn, landscaping bushes, shrubs &amp; trees is prohibited.</li> <li>6. Watering of any vegetable or flower garden or fruit tree is restricted to watering by hand using either a hose with self-closing nozzle, a container (e.g. bucket), or a drip irrigation system.</li> <li>7. Prohibit washing of any vehicle, except a commercial fixed washing facility.</li> <li>8. Prohibit water for the use of scenic/recreational fountains, ponds &amp; lakes except required to support fish.</li> <li>9. Restaurants discontinue routinely offering water to customers unless specifically requested.</li> <li>10. Prohibit use of water in any air conditioner or air-cooling mechanism, except at a commercial business.</li> <li>11. Prohibit adding water to any swimming pool.</li> </ol>
<b>No. 3 Water Emergency</b>	<ol style="list-style-type: none"> <li>1. PI (-4 and lower) and/or</li> <li>2. SWSI (-3.25 to -4.0) and/or</li> <li>3. Delivery disruption &gt; 24 hrs, forecasted storage between 1&amp; 2 days, and/or</li> <li>4. Delivery disruption &gt; 3 days, forecasted storage &gt; 3 days, and/or</li> <li>5. Staff assessment.</li> </ol>	<ol style="list-style-type: none"> <li>1. Water status sign will indicate Alert Stage No. 3.</li> <li>2. All Stage No. 2 prohibited activities are also forbidden under Stage No. 3.</li> <li>3. Water curtailment rates &amp; penalties remain in place.</li> <li>4. Continue public outreach to community.</li> <li>5. Water to residential customers will be allotted based on the number of persons living at each household (e.g. 50 gallons/capita) or per household.</li> <li>6. Commercial &amp; industrial users will be restricted to the same volume of water used in prior February.</li> <li>7. Implement a surcharge pricing structure for water use over the allotted use.</li> </ol>
<b>No. 4 Critical Water Supply</b>	<ol style="list-style-type: none"> <li>1. Delivery disruption &gt; 24 hrs., forecasted storage &lt; 1 day, and/or</li> <li>2. Delivery disruption &gt; 3 days, forecasted storage &lt; 3 days, and/or</li> <li>3. Staff assessment.</li> </ol>	<ol style="list-style-type: none"> <li>1. Water status sign will indicate Alert Stage No. 4.</li> <li>2. City will discontinue water service through its normal distribution system.</li> <li>3. If water remains in the City's finished water tanks, water may be provided in small quantities to residents in their containers either directly from a designated tank or location within the City.</li> <li>4. If water is not available in the City's finished water tanks, the City would locate a source of potable water &amp; have it delivered to the City. Small quantities of potable water would be provided to residents, at no cost, in their containers.</li> </ol>

PI – Palmer Index, SWSI – Surface Water Supply Index