

## DROUGHT PREPAREDNESS PLAN

### **System Name and Address**

### **Response Stages**

- Stage One:** Normal (Water storage and well production capacity is at 100%) No curtailment is necessary
- Stage Two:** Water Alert (Water storage or well production capacity is less than 80% for 48 consecutive hours.)
- Stage Three:** Water Warning (System's total water storage or well production has been less than 50% of capacity for at least 24 consecutive hours and system has reasonable belief that they will be unable to meet anticipated water demand on a sustained basis.)
- Stage Four:** Water Warning (System's total water storage or well production has been less than 25% of capacity for at least 12 consecutive hours and system has reasonable belief that they will be unable to meet anticipated water demand on a sustained basis.)

### Plan of Action

Stage	Notification	Emergency Supplies	Management Measures
<p>Stage 1 – Normal</p>	<ul style="list-style-type: none"> <li>• No notification is necessary</li> </ul>	<ul style="list-style-type: none"> <li>• Discuss alternative water sources and increased water storage facilities</li> <li>• Determine communication strategy if conditions deteriorate</li> <li>• Determine which clients would be the most sensitive to water reductions or loss</li> <li>• Determine how water reduction requirements will be enforced if required</li> <li>• Implement an aggressive water leak detection and repair program</li> </ul>	<ul style="list-style-type: none"> <li>• Monthly water bills include water conservation tips</li> <li>• New residents are provided with information on low water use plants</li> <li>• Develop and provide informational handouts on low-flow plumbing fixtures</li> </ul>
<p>Stage 2 – Water Alert</p>	<ul style="list-style-type: none"> <li>• Notify customers by written notice door to door at each service address, or</li> <li>• Notify customers by first class mail to the billing address, or both</li> <li>• Notices shall include the general nature of the problem and the need to conserve water.</li> </ul>	<ul style="list-style-type: none"> <li>• Contact outside water providers to determine that supplies are available if needed</li> <li>• Develop the alternative water sources</li> <li>• Discuss implementing a surcharge fee to encourage water conservation</li> </ul>	<ul style="list-style-type: none"> <li>• Ask customers to use water conservation measures to reduce water usage 50%</li> <li>• Outside watering limited to essential watering</li> <li>• Divide outside watering on some uniform basis such as even and odd days</li> <li>• Eliminate outside watering on weekends and holidays</li> <li>• Prepare and file a curtailment tariff with the Arizona Corporation Commission (ACC)</li> </ul>

Stage	Notification	Emergency Supplies	Management Measures
Stage 3 - Water Warning	<ul style="list-style-type: none"> <li>• Notify customers by written notice to service addresses or by first class mail to the billing address, or both</li> <li>• Notices shall include the general nature of the problem and the need to conserve water.</li> <li>• Post signs showing the curtailment stage at noticeable locations such as the well site, public buildings, main entrances to housing developments</li> </ul>	<ul style="list-style-type: none"> <li>• Contact outside water providers to begin augmenting the supply of water in an attempt to maintain the curtailment at a level not higher than Stage 3 until a permanent solution has been implemented</li> <li>• Prepare to take steps to place alternative water sources on line</li> </ul>	<ul style="list-style-type: none"> <li>• Request customers to voluntarily employ water conservation measures to reduce daily consumption by approximately 50%</li> <li>• All outside watering should be eliminated except livestock</li> <li>• Indoor water conservation techniques should be employed whenever possible</li> <li>• Standpipe service shall be suspended</li> </ul>
Stage 4 - Water Emergency	<ul style="list-style-type: none"> <li>• Notify customers by written notice to service addresses or by first class mail to the billing address, or both</li> <li>• Notices shall include the general nature of the problem and the need to conserve water.</li> <li>• Post signs showing the curtailment stage at noticeable locations such as the well site, public buildings, main entrances to housing developments</li> <li>• Notify governmental agency that entering Stage 4 Water Emergency</li> </ul>	<ul style="list-style-type: none"> <li>• Place alternative water source on line</li> <li>• Begin distribution of water supplies</li> <li>• Continue emergency water supplies until a permanent solution has been implemented</li> <li>• Consider moratorium on building permits</li> </ul>	<ul style="list-style-type: none"> <li>• Inform customers of mandatory restriction that they must employ water conservation measures to reduce daily consumption</li> <li>• Inform customers that failure to comply could result in customer disconnection</li> <li>• Prohibit all outdoor watering, washing of vehicles, use of water for outdoor cleaning or dust control</li> <li>• Prohibit use of drip or misting systems</li> <li>• Prohibit filling of any swimming pool, spa, fountain, or ornamental pool</li> <li>• Prohibit use of construction water</li> <li>• Serve water to restaurant patrons only upon request</li> <li>• Prohibit new service and meter installations</li> <li>• Prohibit operation of standpipe service</li> </ul>