

# Galveston County Fresh Water Supply District No. 6

Village of Tiki Island  
802 Tiki Drive  
Tiki Island, Texas 77554  
(409) 935-1486 Fax (409) 935-8542

## Stage 1 Drought – MILD Water Shortage Conditions\* Triggers and Termination

<b>Triggering and Terminating Criteria</b>			
<b>Initiate</b>	<b>WATER DEMAND for 4 Consecutive Days:</b>	<b>OR WATER SYSTEM for 3 consecutive days experiences:</b>	<b>OR WATER SUPPLY is:</b>
	<ul style="list-style-type: none"><li>• Equals or exceeds 80% of available contracted surface water supply</li></ul>	<ul style="list-style-type: none"><li>• System wells operating at 80% of maximum pumping capacity to augment an inadequate supply of contracted surface water</li></ul>	<ul style="list-style-type: none"><li>• Insufficient to meet demand</li></ul>
<b>Terminate</b>	When all conditions listed as triggering events have ceased to exist for 7 consecutive days. Authorizing authority shall have discretion to terminate or continue voluntarily.		

\* Assumes 4 drought stages:

**Stage 1 Mild**

**Stage 2 Moderate**

**Stage 3 Severe**

**Stage 4 Emergency**

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**Goal:** Achieve a voluntary 10% reduction in total daily water consumption, based on previous 7 days

## Responses and Terminating Criteria

<b><u>Community Outreach</u></b>	<b><u>System Measures</u></b>	<b><u>Supply Management Measures</u></b>	<b><u>Demand Management Measures (VOLUNTARY)</u></b>
<ul style="list-style-type: none"> <li>• Advise public of condition and publicize availability of information from established information center and person of contact</li> <li>• Notify public by means of:                             <ul style="list-style-type: none"> <li>○ Public service announcement</li> <li>○ Announcement in newspaper or other local publication</li> <li>○ Direct mail</li> <li>○ Signs posted in public places</li> </ul> </li> <li>• Explain necessity for initiation of strict conservation methods</li> </ul>	<ul style="list-style-type: none"> <li>• Visually inspect lines and repair leaks on a daily basis</li> <li>• Flushing hydrants or valves shall be limited to maintaining public health, safety, and welfare</li> <li>• Notify the TCEQ and GCWA of implementation of this drought stage.</li> </ul>	<ul style="list-style-type: none"> <li>• Implement system oversight to be able to make adjustments as required to meet changing conditions</li> <li>• Reduce or discontinue flushing of water mains</li> <li>• Reduce all operations of the city/district to adhere to water use restrictions</li> </ul>	<ul style="list-style-type: none"> <li>• Contact high-use customers and request voluntary water conservation measures to reduce usage by at least 10%</li> <li>• Encourage more efficient water usage through conservation measures such as those in Appendix A</li> <li>• Discourage waste of water, which is defined as excessive pooling and/or runoff from a property that forms a stream of water in a street for a distance of 50 feet or greater, or pools in a street or parking lot to a depth greater than ¼ inch.</li> <li>• Publicize a voluntary lawn watering schedule that:                             <ul style="list-style-type: none"> <li>○ Limits the irrigation of landscaped areas with automatic sprinkler systems or hose-end sprinklers to designated watering days:                                     <ul style="list-style-type: none"> <li>▪ Monday and Thursday (OR Tuesday and Friday) between the hours of 12:01 am and 5:00 am and 10:00 pm and 11:59 pm for customers with even numbered addresses</li> </ul> </li> </ul> </li> </ul>

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		<ul style="list-style-type: none"> <li>• prescribed for Stage 2</li> <li>• Where feasible, substitute reclaimed, non-potable water for city/district irrigation</li> </ul>	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>▪ Tuesday and Friday (OR Monday and Thursday) between the hours of 12:01 am and 5:00 am and 10:00 pm and 11:59 pm for customers with odd numbered addresses</li> </ul> </li> <li>○ Allows irrigation of landscaped areas by the following means at any time:                             <ul style="list-style-type: none"> <li>▪ Faucet-filled bucket or watering can of five (5) gallons or less.</li> <li>▪ Soaker hose that does not produce a spray of water above the ground</li> <li>▪ Drip irrigation system that does not produce a spray of water above the ground</li> <li>▪ Hand-held hose equipped with a positive shutoff nozzle</li> </ul> </li> <li>• Publicize the need to minimize or discontinue water use for non-essential purposes, which are defined as the use of water for:                             <ul style="list-style-type: none"> <li>○ Washing the following:                                     <ul style="list-style-type: none"> <li>▪ Motor or recreational vehicles   <ul style="list-style-type: none"> <li>➤ Washing is allowed during designated times and days for applicable residential addresses</li> </ul> </li> </ul> </li> </ul> </li> </ul> <p>Such washing, when allowed,</p>

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			<ul style="list-style-type: none"> <li style="margin-left: 40px;">➤ shall be done with a hand-held bucket and/or hand-held hose equipped with a positive shutoff nozzle</li> <li style="margin-left: 40px;">▪ Sidewalks, walkways, driveways, parking lots, tennis courts or other hard-surfaced areas</li> <li style="margin-left: 40px;">▪ Buildings or structures for purposes other than immediate fire protection</li> <li style="margin-left: 20px;">○ Filling, refilling, or replenishing any recreational pool, pond for aesthetic or scenic purposes, or ornamental water fountains, fixtures, etc., except on designated watering days and where such pool, ponds or fountains are equipped with a recirculation system and are necessary to protect aquatic life</li> <li style="margin-left: 20px;">○ Irrigating the following:                             <ul style="list-style-type: none"> <li>▪ Parks or greenbelts</li> <li>▪ Golf course greens, tees, and fairways except on designated watering days.</li> <li>▪ If a golf course uses a water source other than potable water provided by the water system, then the facility shall not be subject to these regulations.</li> </ul> </li> </ul> <p>Stabilizing foundations through the use of water, except on designated watering days between the hours of 10am and 2pm</p>

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			<ul style="list-style-type: none"> <li>▪ Watering is permitted by means of:                             <ul style="list-style-type: none"> <li>➤ Handheld hose equipped with a positive shutoff nozzle</li> <li>➤ Soaker hose or drip irrigation system placed within 24 inches of foundation that does not produce a spray of water above the ground</li> </ul> </li> <li>▪ When daily surface water demand exceeds 85% of supply for 3 consecutive days, foundation watering shall cease                             <ul style="list-style-type: none"> <li>○ Controlling dust</li> <li>○ Flushing gutters or permitting water to run or accumulate in any gutter or street</li> <li>○ Failing to repair a leak(s) within a reasonable time after having been given notice directing the repair of such leak(s)</li> </ul> </li> <li>• During winter months, request water users to insulate pipes rather than running water to prevent freezing</li> </ul>
<b>Terminate</b>	Upon termination of Stage 1		