

# Galveston County Fresh Water Supply District No. 6

Village of Tiki Island  
802 Tiki Drive  
Tiki Island, Texas 77554

## Stage 3 Drought – SEVERE Water Shortage Conditions\* Triggers and Termination

<b>Triggering and Terminating Criteria</b>				
<b>Initiate</b>	<b>WATER DEMAND for 3 Consecutive Days:</b>	<b>OR WATER SYSTEM for 1 day experiences:</b>	<b>OR WATER SUPPLY is:</b>	<b>AND GCWA requires municipal customers to reduce GCWA water by 20% or more of current usage</b>
	<ul style="list-style-type: none"> <li>• Equals or exceeds 90% of available contracted surface water supply</li> </ul>	<ul style="list-style-type: none"> <li>• Inability to process and supply water due to main breaks or systemic failure</li> <li>• Failure of system from “acts of God” (tornados, hurricanes) or man</li> <li>• System wells operating at 90% of capacity to augment an inadequate supply of contracted surface water</li> </ul>	<ul style="list-style-type: none"> <li>• Insufficient to meet demand</li> <li>• Storage levels cannot be maintained due to daily consumption</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 move to a lower stage.			

\* Assumes 4 drought stages:

**Stage 1 Mild**

**Stage 2 Moderate**

**Stage 3 Severe**

**Stage 4 Emergency**

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### Stage 3 Drought – SEVERE Water Shortage Conditions\* Responses and Termination

**Goal:** Achieve a mandatory 30% reduction in total daily water consumption, based on previous 21 days

#### Responses and Terminating Criteria

<u>Community Outreach</u>	<u>System Measures</u>	<u>Supply Management Measures</u>	<u>Demand Management Measures (MANDATORY, under threat of penalty)</u>
<ul style="list-style-type: none"> <li>Continue implementation of all relevant actions in preceding phase</li> </ul>	<ul style="list-style-type: none"> <li>Continue implementation of all relevant actions in preceding phase</li> </ul>	<ul style="list-style-type: none"> <li>Continue implementation of all relevant actions in preceding phase</li> <li>Conservation incentives</li> <li>Implement viable alternative water supply strategies (may require approval of the TCEQ)</li> </ul>	<ul style="list-style-type: none"> <li>Continue implementation of all relevant actions in preceding phase</li> <li>Use of automatic sprinkler systems is prohibited</li> <li>Watering of golf courses with potable water is prohibited unless the golf course utilizes a water source other than that provided by city/provider</li> <li>Use of water for construction purposes from designated fire hydrants by special permit is allowed</li> <li>No application for new, additional, expanded or increased-in-size water service connections, meters, service lines, pipeline extensions, mains or water service facilities of any kind shall be approved, and time limits for approval of such applications are hereby suspended for such time as this drought response stage or a higher-numbered stage shall be in effect</li> </ul>
<b>Terminate</b>	Upon termination of Stage 3		

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Stage 4 Critical/Emergency