

Galveston County Fresh Water Supply District No. 6

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

Stage 2 Drought – MODERATE Water Shortage Conditions* Triggers and Termination

Triggering and Terminating Criteria				
Initiate	WATER DEMAND for 4 Consecutive Days:	OR WATER SYSTEM for 3 consecutive days experiences:	OR WATER SUPPLY is:	AND GCWA requires municipal customers to reduce GCWA water by 10% or more of current usage
	<ul style="list-style-type: none"> • Equals or exceeds 85% of available contracted surface water supply 	<ul style="list-style-type: none"> • System wells operating at 85% of capacity to augment an inadequate supply of contracted surface water 	<ul style="list-style-type: none"> • Insufficient to meet demand 	
Terminate	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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Responses and Termination

Goal: Achieve a 20% reduction in daily water consumption, based on previous 14 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"> • Continue implementation of all relevant actions in preceding phase 	<ul style="list-style-type: none"> • Continue implementation of all relevant actions in preceding phase 	<ul style="list-style-type: none"> • Continue implementation of all relevant actions in preceding phase 	<ul style="list-style-type: none"> • Continue implementation of all relevant actions in preceding phase • Contact commercial and industrial users and advise of mandatory water use restrictions to reduce usage by at least 20% • Contact high-use customers and advise of mandatory water use restrictions to reduce usage by at least 20% • Prohibit 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 • Publicize a mandatory lawn watering schedule that: <ul style="list-style-type: none"> ○ Limits the irrigation of landscaped areas with automatic sprinkler systems or hose-end sprinklers to designated watering days: <ul style="list-style-type: none"> ▪ 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 ▪ Tuesday and Friday (OR Monday and Thursday)

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			<ul style="list-style-type: none"> ▪ 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 <p>Allows irrigation of landscaped areas by the following means at any time:</p> <ul style="list-style-type: none"> ▪ Faucet-filled bucket or watering can of five (5) gallons or less ▪ Soaker hose that does not produce a spray of water above the ground ▪ Drip irrigation system that does not produce a spray of water above the ground ▪ Hand-held hose equipped with a positive shutoff nozzle ▪ When daily surface water demand exceeds 80% of supply for 3 consecutive days, hand-held hose usage shall cease <ul style="list-style-type: none"> ○ Prohibit the use of water for non-essential purposes, except as specified, with non-essential purposes defined as the use of water for: Washing the following: <ul style="list-style-type: none"> ▪ Motor or recreational vehicles <ul style="list-style-type: none"> ➤ Washing is allowed during designated times and days for applicable residential addresses ➤ Such washing may be exempted from these regulations if the health, safety or welfare or the public is contingent, i.e. garbage trucks and other vehicles used to transport food and perishables

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			<ul style="list-style-type: none"> <li style="margin-left: 40px;">➤ Such washing, when allowed, shall be done with a hand-held bucket and hand-held hose equipped with a positive shutoff nozzle <li style="margin-left: 20px;">▪ Sidewalks, walkways, driveways, parking lots, tennis courts or other hard-surfaced areas <li style="margin-left: 20px;">▪ Buildings or structures for purposes other than immediate fire protection <li style="margin-left: 0;">○ 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 where necessary to protect aquatic life <li style="margin-left: 0;">○ Irrigating the following: <ul style="list-style-type: none"> ▪ Parks or greenbelts ▪ Golf course greens, tees, and fairways except on designated watering days <ul style="list-style-type: none"> ➤ 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 style="margin-left: 0;">○ Stabilizing foundations through the use of water, except on designated watering days between the hours of 10am and 2pm <ul style="list-style-type: none"> ▪ Watering is permitted by means of: <ul style="list-style-type: none"> ➤ Handheld hose equipped with a positive shutoff nozzle ➤

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			<ul style="list-style-type: none"> ➤ Soaker hose or drip irrigation system placed within 24 inches of foundation that does not produce a spray of water above the ground ➤ When daily surface water demand exceeds 85% for 3 consecutive days, foundation watering shall cease ○ Controlling dust ○ Flushing gutters or permitting water to run or accumulate in any gutter or street ○ Failing to repair a leak(s) within a reasonable time after having been given notice directing the repair of such leak(s) ● Use of water from hydrants shall be limited to fire fighting or related activities, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the water system ● Use of treated effluent, recycled by water system's wastewater treatment plant, is permissible
Terminate	Upon termination of Stage 2		

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- Stage 2 Moderate
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