

CITY OF SUNRISE BEACH – WATERING STAGES

EXPLANATION OF WATERING STAGES ONE (1) THROUGH FIVE (5) A SECTION OF THE SRB WATER CONTINGENCY PLAN ORDINANCE 324 (SECTION 2.3.2)

NOTE: This is an excerpt from Ordinance 324, please see the entire document if additional information is needed.

DROUGHT MANAGEMENT ORDINANCE 324

2.0 SRB Water Utilities Drought Contingency Plan

2.1 Permanent Water Use Restrictions

2.2 Triggering Criteria for Initiation and Termination of Drought Response Stages

2.3 Drought Response Measures

2.3.1 Targets for Water-Use Reductions

2.3.2 Retail Customers – Stage Specific Restrictions *(copied below)*

2.3.2 Retail Customers - Stage Specific Restrictions

(1) Stage 1 - Mild Water Shortage - Voluntary Measures

Supply Management Measures:

Affected SRB water utility system will review system operations and identify ways to improve system efficiency and accountability.

Demand Management Measures:

Water Supply Reduction Target: Achieve a 5% reduction in water use.

- a. Provide consumer information and materials on water conservation measures and practices to retail customers
- b. Request that customers voluntarily comply with the water-use restrictions outlined in Stage 2 of this plan

(2) Stage 2 - Moderate Water Shortage - Mandatory Measures

Supply Management Measures:

In addition to measures implemented in Stage 1 of the plan, the SRB water utility system will:

- a. Apply all water-use restrictions prescribed for Stage 1. Limiting irrigation of landscape watering to twice weekly except for hand held hoses and drip systems. Addresses ending in odd numbers may water on Wednesday and Saturday, even numbered addresses may water on Thursday and Sunday. No automated watering systems may be operated between 10:00 AM to 7:00 PM.

- b. Keep customers informed about issues regarding current and projected water supply and demand conditions.

Demand Management Measures:

Water Supply Reduction Target: Achieve a 10% reduction in water use.

Under threat of penalty as described in Section 4.4, the following water-use restrictions shall apply to all retail water customers:

Irrigation of Landscaped Areas:

- a. Irrigation of landscaped areas with hose-end sprinklers or in-ground irrigation systems shall be limited to a no more than a twice weekly watering schedule as designated by SRB and based on the nature of the current drought or water emergency.
- b. Outdoor watering hours will be limited to between midnight and 10 a.m. and between 7 p.m. and midnight on designated days. This prohibition does not apply to irrigation of landscaped areas if it is by means of:
 - i. Hand-held hose
 - ii. Faucet-filled bucket or water can of five gallons or less
- c. New landscapes may be installed and re-vegetation seeding performed under these specific criteria:
 - i. Irrigation of the new landscape, or application follows the schedule identified in the new landscape permit:
 - 1. once a day for the first 10 days after installation;
 - 2. once every other day before 10 a.m. and after 7 p.m. for days 11 through 20 after installation;
 - 3. once every third day before 10 a.m. and after 7 p.m. for days 21 through 30 after installation.
- d. Discontinue water main and line flushing unless necessary for public health reasons; and

Vehicle Washing

Use of water to wash any motor vehicle, such as a motorbike, boat, trailer, or airplane is prohibited except on designated watering days between the hours of midnight to 10 a.m. and between 7 p.m. to midnight. Such activity, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle. A vehicle may be washed any time at a commercial car wash facility or commercial service station. Further, this activity is exempt from these regulations if the health, safety, and welfare of the public are served by washing the vehicle, such as a truck used to collect garbage or used to transport food and perishables.

Pools

- a. Filling of all new and existing swimming pools, hot tubs, wading pools, is allowed. Replenishing to maintenance level is permitted. Draining is permitted only onto pervious

surfaces or onto a surface where water will be transmitted directly to a pervious surface, and only if:

- i. Draining excess water from pool due to rain in order to lower water to maintenance level;
 - ii. Repairing, maintaining or replacing pool components that have become hazardous; or
 - iii. Repair of a pool leak.
- b. Refilling of public/community swimming pools permitted only if pool has been drained for repairs, maintenance, or replacement as outlined in items above.

Events

Events involving the use of water such as: car washes; festivals; parties; water slides; and other activities involving the use of water are permitted, if the water being used drains to a re-circulating device, or are used for a beneficial purpose such as watering landscaping to prevent water waste.

Restaurants

All restaurants are encouraged to serve water to their patrons only upon request.

Fire Hydrants

Use of water from fire hydrants shall be limited to firefighting and activities necessary to maintain public health, safety and welfare. Use of water from designated fire hydrants for construction purposes may be allowed under special conditions and will require a meter; an application for an exception must be submitted and approved by the Mayor before a hydrant meter will be provided.

Recreational Areas (Includes Parks and Athletic Fields):

The areas can only be used for designated or scheduled events or activities. Unnecessary foot traffic must be discouraged. Watering must follow irrigation of landscaped areas schedule. An exception can be applied for if necessary.

(3) **Stage 3 - Severe Water Shortage – Additional Mandatory Measures**

Supply Management Measures:

In addition to measures implemented in the preceding stages of the plan, the SRB water utility system will implement additional water control options to limit water to only critical use for protection of health and safety and maintenance of treatment quality.

Demand Management Measures:

Water Supply Reduction Target: Achieve a minimum 20% reduction in water use.

Under threat of penalty as described in Section 3.4, all retail customers are required to further reduce non-essential water uses as follows. All requirements of Stage 2 shall remain in effect during Stage 3, with the following modifications and additions:

Irrigation of Landscaped Areas

- a. Irrigation of landscaped areas is limited to once a week on designated day, except with hand-held hoses, hand-held buckets, or drip irrigation. The use of hose-end sprinklers or in-ground irrigation systems are limited to Saturday for odd numbered addresses and Sunday for even numbered addresses using the same watering time restrictions in previous stage 2.
 - ii. New landscapes may be installed after an exception request for new landscapes or re-vegetation has been submitted to the building inspector for consideration and possible approval by the Mayor; and
 - iii. Irrigation of the new landscape, or application follows the schedule identified in the new landscape exception:
 1. once a day for the first 10 days after installation;
 2. once every other day before 10 a.m. and after 7 p.m. for days 11 through 20 after installation;
 3. once every third day before 10 a.m. and after 7 p.m. for days 21 through 30 after installation.
 - iv. Exceptions for new landscapes and re-vegetation will be issued for the shortest period necessary to reasonably assure the landscapes survival. An exception is not an exemption from compliance with the permanent water use restrictions under section 4.1 of this plan. Exceptions will not be granted for seasonal “color bed” or temporary grass installation (over seeding).

Vehicle Washing

Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane, or other vehicle is prohibited except on designated watering days. A vehicle can be washed at any time at a commercial car wash facility or commercial service station.

Outside Water Features

Operation of outside water features, such as, but not limited to, fountains or outdoor misting systems, is prohibited, except where such features are designed and consistently maintained to sustain aquatic life or maintain water quality. SRB may require proof of such design and consistent maintenance.

Ponds

Ponds used for aesthetic, amenity, and/or storm water purposes may maintain water levels only necessary to preserve the integrity of the liner and operating system. SRB may require proof of specific design documentation regarding a pond and the intended purpose.

Pools

- a. Filling of all new and existing swimming pools, hot tubs, wading pools, is prohibited. Replenishing to maintenance level is permitted. Draining is permitted only onto pervious surfaces or onto a surface where water will be transmitted directly to a pervious surface, and only if:
 - i. Draining excess water from pool due to rain in order to lower water to maintenance level;
 - ii. Repairing, maintaining or replacing pool components that have become hazardous; or
 - iii. Repair of a pool leak.
- b. Refilling of public/community swimming pools permitted only if pool has been drained for repairs, maintenance, or replacement as outlined in items above.

Operation of splash pad type fountains is prohibited.

Events

Events involving the use of water such as: car washed, festivals; parties; water slides; and other activities involving the use of water are prohibited.

Water Waste

The following uses of water are prohibited at all times during periods in which restrictions have gone into effect unless an exception has been approved:

- a. Washing sidewalks, walkways, driveways, parking lots, street, tennis courts, and other impervious outdoor surfaces; except for immediate health and safety;
- b. Washing buildings, houses or structures with a pressure washer or garden hose is prohibited for aesthetic purposes but permitted for surface preparation of maintenance work to be performed.
- c. Controlling dust, unless there is a demonstrated need to do so for reasons of public health and safety, or as part of a construction plan approved by a governmental entity;
- d. Flushing house gutters or allowing a substantial amount of water to run off a property and accumulate in a gutter, street, or parking lot to a depth greater than one-fourth of an inch.

Recreational Areas (Includes Parks and Athletic Fields)

The areas can only be used for designated or scheduled events or activities. Unnecessary foot traffic must be discouraged. Watering is prohibited except with a hand-held hose.

(4) **Stage 4 - Emergency Measures**

Targets for Water-Use Reductions:

Water Supply Reduction Target: As determined by the SRB City Council.

Under threat of penalty for violation as described in Section 4.4, customers are required to eliminate non-essential water uses during an emergency. This includes, but is not limited to the following measures:

- a. Irrigation of landscaped areas is prohibited.
- b. Installation of swimming pools is prohibited. The filling or replenishing of water to swimming pools, hot tubs, wading pools, and other types of pools is prohibited. Public/community swimming pools may be exempt from this prohibition to maintain safe levels of water quality for human contact.
- c. Vehicle Washing. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane, or other vehicle is prohibited. A vehicle can be washed at any time at a commercial car wash facility or commercial service station. Further, this activity is exempt from these regulations if the health, safety, and welfare of the public are served by washing the vehicle, such as a truck used to collect garbage or used to transport food and perishables.
- d. Use of water from fire hydrants shall be limited to firefighting and activities necessary to maintain public health, safety, and welfare only.

Stage 5 – Emergency Water Conditions. No Outdoor Watering

All measures listed in Stage 4 apply.

No applications for new, additional, expanded, or larger water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall be allowed or approved.

Additional measures may be added as needed.