

**BURLESON COUNTY MUNICIPAL UTILITY DISTRICT NO. 1
DROUGHT CONTINGENCY PLAN
AS A WHOLESALE PUBLIC WATER SUPPLIER**

December 17, 2024

Name: BCR Water Supply Corporation

Address: mailing address 472 Barbara, Somerville, Texas 77879

Telephone Number: (979) 535-8085 Fax: 979) 535-4070

Water Right No.(s): _____

Regional Water Planning Group: Brazos G Regional Group

Form Completed by: Anita Clark

Title: Office Manager

Person responsible for implementation: _____

Signature: _____

Phone: (979) 535-8085

Date: 12 17 2024

Section I: Declaration of Policy, Purpose, and Intent

In order to conserve the available water supply and/or to protect the integrity of water supply facilities, with particular regard for domestic water use, sanitation, and fire protection, and to protect and preserve public health, welfare, and safety and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the Burleson County MUD #1 adopts the following Drought Contingency Plan (the Plan).

Section II: Public Involvement

Opportunity for the public and wholesale water customers to provide input into the preparation of the Plan was provided by Burleson County MUD #1 by means of scheduling a public meeting to accept input on the Plan.

Section III: Wholesale Water Customer Education

The Burleson County MUD #1 will periodically provide wholesale water customers with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided by means of providing a copy of the Plan and periodically provide information about the Plan with invoices for water sales.

Section IV: Coordination with Regional Water Planning Groups

The water service area of the Burleson County MUD #1 is located within the Brazos G Regional Group and the Burleson County MUD #1 will provide a copy of the Plan to Brazos G Regional Group.

Section V: Authorization

The President of the Board, or his/her designee, is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that such implementation is necessary to protect public health, safety,

and welfare. The President of the Board or his/her designee, shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

Section VI: Application

The provisions of this Plan shall apply to all customers utilizing water provided by the Burleson County MUD #1. The terms "person" and "customer" as used in the Plan include individuals, corporations, partnerships, associations, and all other legal entities.

Section VII: Criteria for Initiation and Termination of Drought Response Stages

The President of the Board, or his/her designee, shall monitor water supply and/or demand conditions on a weekly basis, or daily if conditions warrant and shall determine when conditions warrant initiation or termination of each stage of the Plan. Customer notification of the initiation or termination of drought response stages will be made by mail or telephone. The news media will also be informed.

The triggering criteria described below are based on: the vulnerability of the water source under drought of record conditions, the production treatment and distribution capacities of the water system.

Utilization of alternative water sources and/or alternative delivery mechanisms:

Alternative water source(s) for Burleson County MUD #1 are three other wells.

Stage 1 Triggers -- Mild Water Shortage Conditions

Requirements for initiation – The Burleson County MUD #1 will recognize that a mild water shortage condition exists when one or more of the following conditions exist:

- a. Occurrence of a mild drought over a 3-month period in the Water System
- b. Water consumption has reached 65 percent of daily maximum supply for two (2) consecutive weeks.
- c. An extended period of at least eight (8) weeks of low rainfall and daily use has risen 20 percent above the use of the same period during the previous year.

Requirements for termination - Stage 1 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist and conditions are back to normal. The Burleson County MUD #1 will notify its wholesale customers and the media of the termination of Stage 1.

Stage 2 Triggers -- MODERATE Water Shortage Conditions

Requirements for initiation – The Burleson County MUD #1 will recognize that a moderate water shortage condition exists when one or more of the following conditions exist:

- a. Occurrence of a moderate drought over a 2-month period in the Water System
- b. Water consumption has reached 75 percent of daily maximum supply for two (2) consecutive weeks.
- c. An extended period of at least eight (8) weeks of low rainfall and daily use has risen 20 percent above the use of the same period during the previous year.

Requirements for termination - Stage 2 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist and conditions are back to normal. The Burleson County MUD #1 will notify its wholesale customers and the media of the termination of Stage 2.

Stage 3 Triggers -- SEVERE Water Shortage Conditions

Requirements for initiation – The Burleson County MUD #1 will recognize that a severe water shortage condition exists when one or more of the following conditions exist:

- a. Water consumption has reached 85 percent of the amount available for one (1) week.
- b. The water level in any of the water storage tanks cannot be replenished for in a weekly period. The highest recorded water level drops ten (10) feet or more during a one-week period.

Requirements for termination - Stage 3 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist and conditions have returned back to normal. Upon termination of Stage 3, Stage 2, or the applicable drought response stage based on the triggering criteria, becomes operative. The Burleson County MUD #1 will notify its wholesale customers and the media of the termination of Stage 3.

Stage 4 Triggers -- CRITICAL Water Shortage Conditions

Requirements for initiation – The Burleson County MUD #1 will recognize that a critical water shortage condition exists when one or more of the following conditions exist:

- a. Water consumption has reached 95 percent or more of the maximum available supply for one (1) week.
- b. Water consumption of 100 percent of the maximum available water supply.
- c. Failure of a major component of the water system or an event which reduces the minimum residual pressure in the system below 20 PSI for a period of 24 hours or more.
- d. Natural or man-made contamination of the water supply source(s).
- e. The declaration of a state of disaster due to drought conditions in a county or counties served by the water system.
- f. Other unforeseen events which could cause imminent health or safety risks to the public.

Requirements for termination - Stage 4 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist and conditions have returned back to normal. Upon termination of Stage 4, Stage 3, or the applicable drought response stage based on the triggering criteria, becomes operative. The Burleson County MUD #1 will notify its wholesale customers and the media of the termination of Stage 4.

Section VIII: Drought Response Stages

The President of the Board, or his/her designee, shall monitor water supply and/or demand conditions and, in accordance with the triggering criteria set forth in Section VII, shall determine that mild, moderate, extreme, or severe water shortage conditions exist or that an emergency condition exists and shall implement the following actions:

Stage 1 Response -- Mild Water Shortage Conditions

Target: Achieve a voluntary five (5) percent reduction in total daily water usage.

Best Management Practices for Supply Management:

- (a) The President of the Board, or his/her designee(s), will contact wholesale water customers to discuss water supply and/or demand conditions and will request that wholesale water customers initiate voluntary measures to reduce water use by implementing Stage 1 of the customer's drought contingency plan.

Water Use Restrictions for Reducing Demand:

- a. The water system will visually inspect lines and repair leaks.
- b. Monthly review of Birch Creek Recreation usage; follow-up on unusually high usage.
- c. Reduction of water usage will be encouraged through invoices or other methods

Stage 2 Response -- MODERATE Water Shortage Conditions

Target: Achieve a voluntary ten (10) percent reduction in total daily water usage.

Best Management Practices for Supply Management:

(a) The President of the Board, or his/her designee(s), will contact wholesale water customers to discuss water supply and/or demand conditions and will request that wholesale water customers initiate voluntary measures to reduce water use by implementing Stage 2 of the customer's drought contingency plan.

(b) The President of the Board, or his/her designee(s), will provide a weekly report to news media with information regarding current water supply and/or demand conditions, projected water supply and demand conditions if drought conditions persist, and consumer information on water conservation measures and practices.

Water Use Restrictions for Reducing Demand:

- d. The water system will visually inspect lines, repair leaks, and check water usage daily.
- e. Monthly review of Birch Creek Recreation usage; follow-up on unusually high usage.
- f. The water system will reduce flushing operations.
- g. Reduction of water usage will be encouraged through invoices or other methods
- h. Restricted Days/Hours: Water customers are requested to voluntarily limit the irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems. Customers are requested to limit outdoor water use to Mondays for water customers with a street address ending with number 1, 2, or 3, Wednesdays for water customers with a street address ending with the number 4, 5, or 6 and Fridays for water customers with a street address ending with the number 7, 8, 9, or 0. Irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of landscaped areas is permitted at any time if it is by means of a hand-held hose, a faucet-filled bucket or water can of five (5) gallons or less, or drip irrigation system.

Stage 3 Response -- SEVERE Water Shortage Conditions

Target: Achieve a twenty (20) percent reduction in total daily water usage.

Best Management Practices for Supply Management: