

Craft-Turney WSC...



Water, Delivered.

Craft-Turney WSC

Drought Contingency Plan

Updated By



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RESOLUTION FOR ADOPTION OF A DROUGHT CONTINGENCY PLAN
RESOLUTION NO. 20190312

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CRAFT-TURNEY WATER SUPPLY CORPORATION ADOPTING A DROUGHT CONTINGENCY PLAN.

WHEREAS, the Board recognizes that the amount of water available to the Craft-Turney Water Supply Corporation and its water utility customers are limited and subject to depletion during periods of extended drought;

WHEREAS, the Board recognizes that natural limitations due to drought conditions and other acts of God cannot guarantee an uninterrupted water supply for all purposes;

WHEREAS, Section 11.1272 of the Texas Water Code and applicable rules of the Texas Commission on Environmental Quality require all public water supply systems in Texas to prepare a drought contingency plan; and

WHEREAS, as authorized under law, and in the best interests of the customers of the Craft-Turney Water Supply Corporation, the Board deems it expedient and necessary to establish certain rules and policies for the orderly and efficient management of limited water supplies during drought and other water supply emergencies;

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CRAFT-TURNEY WATER SUPPLY CORPORATION:

SECTION 1. That the Drought Contingency Plan attached hereto as Exhibit A and made part hereof for all purposes be, and the same is hereby, adopted as the official policy of the Craft-Turney Water Supply Corporation.

SECTION 2. That the Manager/Field Supervisor is hereby directed to implement, administer, and enforce the Drought Contingency Plan.

SECTION 3. That this resolution shall take effect immediately upon its passage.

DULY PASSED BY THE BOARD OF DIRECTORS OF THE CRAFT-TURNEY WATER SUPPLY CORPORATION, ON THIS 12TH DAY OF MARCH, 2019.

ATTESTED TO:


Vice-President, Board of Directors


President, Board of Directors

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1.0 DECLARATION OF POLICY, PURPOSE AND INTENT

The purpose of this Drought Contingency Plan (the Plan) is to conserve the available water supply and 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 Craft-Turney Water Supply Corporation (CTWSC) hereby adopts the following regulations and restrictions on the delivery and consumption of water.

2.0 PUBLIC EDUCATION

Craft-Turney Water Supply Corporation will periodically provide the public 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. Customers will be informed of this Plan through handouts available in the CTWSC Office, newsletters mailed to the total membership, the news media and information provided on the CTWSC's website. The public will also be invited and encouraged to participate in the Plan during public meetings along with public hearings associated with the accompanying ordinance(s).

3.0 COORDINATION WITH REGIONAL WATER PLANNING GROUPS

The service area of the CTWSC is located within the East Texas Region (Region I) and the CTWSC will provide a copy of this water conservation plan to the Region I Water Planning Group.

4.0 AUTHORIZATION

The General Manager 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 General Manager 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.

5.0 APPLICATION

The provisions of this Plan shall apply to all persons, customers, and property utilizing water provided by the Craft-Turney Water Supply Corporation. The terms "person" and "customer" as used in the Plan include individuals, corporations, partnerships, associations, and all other legal entities.

6.0 DEFINITIONS

For the Purpose of this Plan, the following definitions shall apply:

6.1 Aesthetic water use: water use for ornamental or decorative purposes such as fountains, reflecting pools, and water gardens.

6.2 Commercial and institutional water use: water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as retail establishments, hotels and motels, restaurants, and office buildings.

- 6.3 Conservation: those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.
- 6.4 Customer: any person, company, or organization using water supplied by the Craft-Turney Water Supply Corporation.
- 6.5 Domestic water use: water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation, or for cleaning a residence, business, industry, or institution.
- 6.6 Even number address: street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8 and locations without addresses.
- 6.7 Industrial water use: the use of water in processes designed to convert materials of lower value into forms having greater usability and value.
- 6.8 Landscape irrigation use: water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, and rights-of-way and medians.
- 6.9 Non-essential water use: water uses that are not essential nor required for the protection of public, health, safety, and welfare, including:
- a. irrigation of landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under this Plan;
 - b. use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;
 - c. use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
 - d. use of water to wash down buildings or structures for purposes other than immediate fire protection;
 - e. flushing gutters or permitting water to run or accumulate in any gutter or street;
 - f. use of water to fill, refill, or add to any indoor or outdoor swimming pools or Jacuzzi-type pools;
 - g. use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
 - h. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
 - i. use of water from hydrants for construction purposes or any other purposes other than fire fighting.
- 6.10 Odd numbered address: street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

7.0 CRITERIA FOR INITIATION AND TERMINATION OF DROUGHT RESPONSE STAGES

The General Manager, or his/her designee, shall monitor water supply and/or demand conditions on a daily basis and shall determine when conditions warrant initiation or termination of each stage of the Plan, that is, when the specified “triggers” are reached. Public notification of the initiation or termination of drought response stages shall be by means of televised notices and press releases.

The triggering criteria described below are based on a statistical analysis of the vulnerability of the water source under drought of record conditions and based upon known system capacity limits. The City of Jacksonville shall provide an alternative water source for CTWSC in times of need via an emergency inter-connection.

STAGE 1 TRIGGERS – *MILD* WATER SHORTAGE CONDITIONS

Requirements for initiation – Customers shall be requested to voluntarily conserve water and adhere to the prescribed restrictions on certain water uses, defined in the “DEFINITIONS” section of this plan, when one or more of the following conditions exists:

- (1) Annually, beginning on May 1 and ending on September 30, under normal conditions and year-round under non-typical drought conditions.
- (2) When, pursuant to requirements specified in the CTWSC wholesale water purchase contract with the City of Jacksonville, notification is received from the City of Jacksonville requesting initiation of Stage 1 of the Drought Contingency Plan.

Requirements for termination – Stage 1 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days.

STAGE 2 TRIGGERS – *MODERATE* WATER SHORTAGE CONDITIONS

Requirements for initiation – Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses provided defined in the “DEFINITIONS” section of this Plan, when one or more of the following conditions exists:

- (1) When readings of the City of Jacksonville’s meters and the CTWSC’s well meters, which measure the system’s incoming water, indicate a noticeable reduction for a sustained period of time and water usage reduces the available water supply of CTWSC at a noticeable level.
- (2) When, pursuant to requirements specified in the CTWSC wholesale water purchase contract with the City of Jacksonville, notification is received from the City of Jacksonville requesting initiation of Stage 1 of the Drought Contingency Plan.

Requirements for termination – Stage 2 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days. Upon termination of Stage 2, Stage 1, or the applicable drought response stage based on the triggering criteria, becomes operative.

STAGE 3 TRIGGERS – SEVEREWATER SHORTAGE CONDITIONS

Requirements for initiation – Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 3 of this Plan, when one or more of the following conditions exists:

- (1) When readings of the City of Jacksonville’s meters and the CTWSC’s well meters, which measure the system’s incoming water, indicate a significant reduction for a sustained period of time and water usage reduces the available water supply of CTWSC at a significant level.
- (2) When, pursuant to requirements specified in the CTWSC wholesale water purchase contract with the City of Jacksonville, notification is received from the City of Jacksonville requesting initiation of Stage 3 of the Drought Contingency Plan.

Requirements for termination – Stage 3 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days. Upon termination of Stage 3, Stage 2, or the applicable drought response stage based on the triggering criteria, becomes operative.

STAGE 4 TRIGGERS – CRITICAL WATER SHORTAGE CONDITIONS

Requirements for initiation – Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 4 of this Plan, when one or more of the following conditions exists:

- (1) When readings of the City of Jacksonville’s meters and the CTWSC’s well meters, which measure the system’s incoming water, indicate a critical reduction for a sustained period of time and water usage reduces the available water supply of CTWSC at a critical level.
- (2) When, pursuant to requirements specified in the CTWSC wholesale water purchase contract with the City of Jacksonville, notification is received from the City of Jacksonville requesting initiation of Stage 4 of the Drought Contingency Plan.

Requirements for termination – Stage 4 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days. Upon termination of Stage 4, Stage 3, or the applicable drought response stage based on the triggering criteria, becomes operative.

STAGE 5 TRIGGERS – EMERGENCY WATER SHORTAGE CONDITIONS

Requirements for initiation – Customers shall be required to comply with the requirements and restrictions for Stage 5 of this Plan, when the General Manager or his/her designee determines that a water supply emergency exists based on the following conditions:

- (1) Major water line breaks, or pump or system failures occur, which cause unprecedented loss of capability to provide water service; OR
- (2) Natural or man-made contamination of the water supply source(s).

Requirements for termination – Stage 5 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days.

8.0 DROUGHT RESPONSE STAGES

The General Manager, or his/her designee, shall monitor water supply and/or demand conditions on a daily basis and, in accordance with the triggering criteria set forth in the previous section of this Plan, shall determine that a mild, moderate, severe, critical, emergency or water storage condition exists and shall implement the following notification procedures:

NOTIFICATION TO THE PUBLIC – The General Manager or his/her designee shall notify the public by mean of publication in the local newspaper, Jacksonville Daily Progress, a public service announcement on local radio station KTLU, announcements on local news stations, and notices published to CTWSC's website.

ADDITIONAL NOTIFICATION – The General Manager or his/her designee shall notify directly, or cause to be notified directly, the following individuals and entities: Members of the CTWSC Board of Directors, the Mayor of Jacksonville, Fire Chiefs for the City of Jacksonville and area VFD's affected, City and/or County Emergency Management Coordinator, County Judge & Commissioners, State Disaster District/Department of Public Safety, TCEQ (as required when mandatory), Major Water Users, and Critical Water Users.

STAGE 1 RESPONSE – *MILD* WATER SHORTAGE CONDITIONS

TARGET: Achieve a voluntary 5 percent reduction in total daily water use.

(1) Best Management Practices for Supply Management:

In order to manage a limited water supply and/or reduce water demand, the CTWSC will implement the following supply management measures:

- (a) Reduce or discontinue flushing of water mains
- (b) Discontinue fire hydrant testing
- (c) Implement measures to return any system component to full production capacity
- (d) Repair all existing main breaks

(2) Voluntary Water Use Restrictions

- (a) Water customers are requested to voluntarily limit the irrigation of landscaped areas to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6, 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and to irrigate landscapes only between the hours of midnight and 10:00 a.m. and 8:00 p.m. to midnight on designated watering days.
- (b) All operations of the CTWSC shall adhere to water use restrictions prescribed for Stage 2 of the Plan.
- (c) Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

STAGE 2 RESPONSE – MODERATE WATER SHORTAGE CONDITIONS

TARGET: Achieve a 10 percent reduction in total daily water use.

(1) Best Management Practices for Supply Management:

In order to manage a limited water supply and/or reduce water demand, the CTWSC will implement the following supply management measures:

- (a) All of the measures described for Stage 1.
- (b) Reduced or discontinued irrigation of public landscaped areas, including parks and ball-fields

(2) Water Use Restrictions for Demand Reduction

- (a) Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and 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 watering can of five (5) gallons or less, or drip irrigation system. All operations of the CTWSC shall adhere to water use restrictions prescribed for Stage 2 of the Plan.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rises. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.
- (c) Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or Jacuzzi-type pools is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.
- (d) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.
- (e) Use of water from hydrants shall be limited to fire fighting, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the CTWSC.

- (f) All restaurants are prohibited from serving water to patrons except upon request of the patron.
- (g) The following uses of water are defined as non-essential and are prohibited:
 - a. Wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
 - b. Use of water to wash down buildings or structures for purposes other than immediate fire protection;
 - c. Use of water for dust control;
 - d. Flushing gutters or permitting water to run or accumulate in any gutter or street; and
 - e. Failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

STAGE 3 RESPONSE – *SEVERE* WATER SHORTAGE CONDITIONS

TARGET: Achieve a 15 percent reduction in total daily water use.

(1) Best Management Practices for Supply Management:

In order to manage a limited water supply and/or reduce water demand, the CTWSC will continue implementing all measures described for Stage 1 and Stage 2. Irrigation of public landscaped areas, including parks and ballfields shall be discontinued:

(2) Water Use Restrictions for Demand Reduction – All requirements of Stage 2 shall remain.

- (a) Irrigation of landscaped areas shall be limited to designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight and shall be by means of hand-held hoses, hand-held buckets, drip irrigation, or permanently installed automatic sprinkler system only. The use of hose-end sprinklers is prohibited at all times.
- (b) The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued.

STAGE 4 RESPONSE – *CRITICAL* WATER SHORTAGE CONDITIONS

TARGET: Achieve a 20 percent reduction in total daily water use.

(1) Best Management Practices for Supply Management:

In order to manage a limited water supply and/or reduce water demand, the CTWSC will continue implementing all measures described for Stage 1, Stage 2, and Stage 3. The flushing of water mains shall be discontinued. The interconnection with the City of Jacksonville should be utilized to help with water demand.

(2) Water Use Restrictions for Demand Reduction – All requirements of Stage 2 and Stage 3 shall remain in effect during Stage 4 except:

- (a) Irrigation of landscaped areas shall be limited to designated watering days between the hours of 6:00 a.m. and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight and shall be by means of hand-held hoses, hand-held buckets, or drip irrigation only. The use of hose-end sprinklers or permanently installed automatic sprinkler systems are prohibited at all times.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle not occurring on the premises of a commercial car wash and commercial service stations and not in the immediate interest of public health, safety, and welfare is prohibited. Further, such vehicle washing at commercial car washes and commercial service stations shall occur only between the hours of 6:00 a.m. and 10:00 a.m. and between 6:00 p.m. and 10 p.m.
- (c) The filling, refilling, or adding of water to swimming pools, wading pools, and Jacuzzi-type pools is prohibited.
- (d) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.
- (e) 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.

STAGE 5 RESPONSE – *EMERGENCY WATER SHORTAGE CONDITIONS*

TARGET: Achieve a 75 percent reduction in total daily water use.

(1) Best Management Practices for Supply Management:

In order to manage a limited water supply and/or reduce water demand, the CTWSC will continue implementing all measures described for Stage 1, 2, 3 and 4. In addition, the CTWSC will use any or all alternative supply sources available, and will implement the usage of reclaimed water for non-potable purposes where available.

(2) Water Use Restrictions for Demand Reduction – All requirements of Stage 1, 2, 3, 4 and 5 shall remain in effect during Stage 5 Except:

- (a) Irrigation of landscaped areas is absolutely prohibited.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.

9.0 ENFORCEMENT

- 9.1 No person shall knowingly or intentionally allow the use of water from the CTWSC for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of this Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by the General Manager, or his/her designee, in accordance with provisions of this Plan.
- 9.2 Any person who violates this Plan is guilty of a misdemeanor and, upon conviction shall be punished by a fine of not less than fifty dollars (\$50) and not more than one hundred dollars (\$100). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the General Manager shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge and any other costs incurred by the CTWSC in discontinuing service. In addition, suitable assurance must be given to the General Manager that the same action shall not be repeated while the Plan is in effect. Compliance with this plan may also be sought through injunctive relief in the district court.
- 9.3 Any person, including a person classified as a water customer of the CTWSC in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person's property shall constitute a rebuttable presumption that the person in apparent control of the property committed the violation, but any such person shall have the right to show that he/she did not commit the violation. Parents shall be presumed to be responsible for violations of their minor children and proof that a violation, committed by a child, occurred on property within the parents' control shall constitute a rebuttable presumption that the parent committed the violation, but any such parent may be excused if he/she proves that he/she had previously directed the child not to use the water as it was used in violation of this Plan and that the parent could not have reasonably known of the violation.
- 9.4 Any employee of CTWSC designated by the General Manager, may issue a notice to a person he/she reasonably believes to be in violation of this Plan. The citation shall be shall contain the name and address of the alleged violator, if known, the offense charged, and shall direct him/her to appear in the CTWSC Office on the date shown on the notice for which the date shall not be less than 3 days nor more than 5 days from the date the notice was issued. Service of the notice shall be complete upon delivery of the citation to the alleged violator, to an agent or employee of a violator, or to a person over 14 years of age who is a member of the violator's immediate family or is a resident of the violator's residence. In the event the alleged violator fails to appear, CTWSC General Manager shall pursue the systematic prescribed action to secure compliance by the customer with this Plan.

10.0 VARIANCES

The General Manager, or his/her, designee, may, in writing, grant temporary variance for existing water uses otherwise prohibited under this Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

- (a) Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.
- (b) Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Plan shall file a petition for variance with the CTWSC within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the General Manager, or his/her designee, and shall include the following:

- (a) Name and address of the petitioner(s)
- (b) Purpose of water use.
- (c) Specific provision(s) of the Plan from which the petitioner is requesting relief
- (d) Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or other if petitioner complies with this Ordinance
- (e) Description of the relief requested
- (f) Period of time for which the variance is sought
- (g) Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
- (h) Other pertinent information.

11.0 IMPLEMENTATION

This Plan was adopted by the Craft-Turney Water Supply Corporation Board at a properly noticed meeting held on MARCH 12, 2019.

Corporation Official: A. Eric Stanfield

Title: Vice President Board of Director