

SECTION I.

DROUGHT CONTINGENCY AND EMERGENCY WATER DEMAND MANAGEMENT PLAN

1. Declaration of Policy, Purpose and Intent.

In order to conserve the available water supply and protect the integrity of water supply facilities, with particular regard for domestic water use, sanitation, to protect/preserve public health, welfare, safety and to minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the District adopted the regulations and restrictions on the delivery and consumption of water set forth in this of this Drought Contingency Plan.

Water uses regulated or prohibited under this Drought Contingency Plan (hereinafter "Plan") are considered to be non-essential. Continuation of such uses during times of water shortage or other emergency water supply condition are deemed to constitute a waste of water which subjects the offender(s) to the enforcement provision of Section 10 of this Plan.

2. Public Involvement.

Opportunity for the public to provide input into the preparation of the Plan was provided by the District by means of Newspapers, Community meetings, Web Site, Utility Bill Inserts and Newsletters. In adopting this plan, the Board of Directors considered all comments from customers.

3. Public Education.

The District will periodically provide the public with information about this 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 Newspapers, Community meetings, Website, Utility Bill Inserts and Newsletters.

4. Coordination with Regional Water Planning Group.

The District's service area is located within the Region C regional water planning group and the District has provided a copy of this Plan to the Region C regional water planning group.

5. 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.

6. Application.

The provisions of this Plan shall apply to all persons, customers and property receiving water service provided by the District.

7. Definitions.

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

(A) Aesthetic water use - water use for ornamental or decorative purposes such as fountains, reflecting pools, and water gardens.

(B) Commercial and institutional water use - water uses which are essential to the operations of commercial and non-profit establishments and governmental entities such as retail establishments, hotels and motels, restaurants, and office buildings.

(C) 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.

(D) Customer - any person, company, or organization using water supplied by the District.

(E) 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.

(F) Even number address - street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8 and locations without addresses.

(G) Industrial water use - the use of water in processes designed to convert materials of lower value into forms having greater usability and value.

(H) 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.

(I) Non-essential water use - water uses that are not essential, nor required for the protection of public, health, safety, and welfare, including:

(1) irrigation of landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under this Plan;

(2) use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;

(3) use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;

(4) use of water to wash down buildings or structures for purposes other than immediate fire protection;

(5) flushing gutters or permitting water to run or accumulate in any gutter or street;

(6) uses of water to fill, refill, or add to any indoor or outdoor swimming pools or Jacuzzi-type pools;

(7) use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;

(8) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and

(9) use of water from hydrants for construction purposes or any other purposes other than fire fighting.

(J) Odd numbered address - street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

8. Trigger Conditions 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. The triggering criteria described below are based on statistical analysis of the vulnerability of the District's water source(s) under drought of record conditions or based on known system capacity limits.

(A) Stage 1 - MILD Water Shortage Conditions.

(1) Requirements for initiation: Customers shall be requested to voluntarily conserve water and adhere to the prescribed restrictions on certain water uses defined in Section 7 of this Plan beginning on May 1st through September 30th of each year. Stage 1 water allocation measures may be initiated when one or more of the following conditions exist:

(a) pursuant to requirements specified in Mustang Water Supply Corporation wholesale water purchase contract with the Upper Trinity Regional Water District, notification is received requesting initiation of Stage 1 of the Drought Contingency Plan; and/or

(b) total daily water demand equals or exceeds 80% of daily maximum pump capacity for (3) consecutive days.

(2) Requirements for termination: Stage 1 measures 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.

(B) Stage 2 - MODERATE Water Shortage Conditions.

(1) Requirements for initiation: Customers shall be required to comply with the

requirements and restrictions on certain non-essential water uses provided in Section 9 of this Plan when:

(a) pursuant to requirements specified in the District's wholesale water purchase contract with the Upper Trinity Regional Water District, notification is received requesting initiation of Stage 2 of the Drought Contingency Plan; and/or

(b) total daily water demand equals or exceeds 80% of daily maximum pump capacity for (3) consecutive days.

(2) Requirements for termination: Stage 2 measures 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 becomes operative.

(C) Stage 3 - SEVERE Water Shortage Conditions.

(1) 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:

(a) pursuant to requirements specified in the District's wholesale water purchase contract with the Upper Trinity Regional Water District, notification is received requesting initiation of Stage 3 of the Drought Contingency Plan; and/or

(b) total daily water demand equals or exceeds 80% of daily maximum pump capacity for (3) consecutive days.

(2) Requirements for termination: Stage 3 measures 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 becomes operative.

(D) Stage 4 Triggers - CRITICAL Water Shortage Conditions.

(1) 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:

(a) pursuant to requirements specified in the District's wholesale water purchase contract with the Upper Trinity Regional Water District, notification is received requesting initiation of Stage 4 of the Drought Contingency Plan; and/or

(b) total daily water demand equals or exceeds 80% of daily maximum pump capacity for 3 consecutive days.

(2) Requirements for termination: Stage 4 measures 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 4, Stage 3 becomes operative.

(E) Stage 5 Triggers - EMERGENCY Water Shortage Conditions.

(1) 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:

(a) major water line breaks, or pump or system failures occur, which cause unprecedented loss of capability to provide water service; or

(b) natural or man-made contamination of the water supply source(s).

(2) 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 (3) consecutive days.

9. 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 Section 8 of this Plan. The general manager, or his/her designee, shall determine that a mild, moderate, severe, critical, or emergency water shortage condition exists and shall implement the following notification procedures and allocation measures

(A) Notification.

(1) Notification of the Public: The general manager or his/ her designee shall notify the public by means of:

- (a) publication in a newspaper of general circulation;
- (b) direct mail to each customer;
- (c) public service announcements on television and/or radio;
- (d) signs posted in public places; and/or
- (e) take-home fliers at schools.

(2) Additional Notification: The general manager or his/ her designee shall notify directly, or cause to be notified directly, the following individuals and entities:

- (a) Mayor/chairman and members of city councils and utility boards.
- (b) Fire chief(s).
- (c) City and/or county Emergency Management Coordinator(s).
- (d) TCEQ (required when mandatory restrictions are imposed).
- (e) Major water users.
- (f) Critical water users, i.e. hospitals.

(B) Stage 1 Response - MILD Water Shortage Conditions.

- (1) Goal: Achieve a voluntary 10% percent reduction in daily water demand.

(a) Supply Management Measures: Measures to be implemented directly by the District to manage limited water supplies and/or reduce water demand include: reduced flushing of water mains.

(b) Voluntary Water Use Restrictions:

(i) 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 or 8)**. Saturdays and Wednesdays for water customers with a street address ending in an odd number **(1, 3, 5, 7 or 9)**. Customers should not irrigate landscapes between the hours of **9:00 a.m.** and **9:00 p.m.** on designated watering days.

(ii) All operations of the District shall adhere to water use restrictions prescribed for Stage 2 of the Plan.

(iii) Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

(C) Stage 2 Response - MODERATE Water Shortage Conditions.

(1) Goal: Achieve a 20% percent reduction in daily water demand.

(a) Supply Management Measures: Measures to be implemented directly by the District to manage limited water supplies and/or reduce water demand include: discontinued flushing of water mains, reduced or discontinued irrigation of public landscaped areas.

(b) Water Use Restrictions: Under threat of penalty for violation, the following water use restrictions shall apply to all persons:

(c) Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to the following days. Sundays and Thursdays for customers with a street address ending in an even number **(0, 2, 4, 6 or 8)**, Saturdays and Wednesdays for water customers with a street address ending in an odd number **(1, 3, 5, 7 or 9)**. Irrigation of landscaped areas is further limited to **No Watering** between the hours of **9:00a.m.** and **9:00p.m.** on designated watering days. However, irrigation of landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet filled bucket, hand held watering can, or drip irrigation system.

(d) 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 **9:00 p.m.** and **9:00 a.m.** 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 are contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.

(e) 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 **9:00 p.m.** and **9:00 a.m.**

(f) 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.

(g) 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 District.

(h) Use of water for the irrigation of golf course greens, tees, and fairways is prohibited except on designated watering days between the hours **9:00 p.m.** and **9:00 a.m.** However, if the golf course utilizes a water source other than that provided by the District, the facility shall not be subject to these regulations.

(I) All restaurants are prohibited from serving water to patrons except upon request of the patron.

(j)The following uses of water are defined as non-essential and are prohibited:

(i) wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;

(ii) use of water to wash down buildings or structures for purposes other than immediate fire protection;

(iii) use of water for dust control;

(iv) flushing gutters or permitting water to run or accumulate in any gutter or street; and

(v) failure to repair a controllable leak(s) within a reasonable period of time, after having been given written notice(s) directing the repair of such leak(s).

(D) Stage 3 Response - SEVERE Water Shortage Conditions.

(1) Goal: Achieve a 30% percent reduction in daily water demand.

(a) Supply Management Measures: Measures to be implemented directly by the District to manage limited water supplies and/or reduce water demand include: discontinued flushing of water mains, discontinued irrigation of public landscaped areas.

(b) Water Use Restrictions: All requirements of Stage 2 shall remain in effect during Stage 3 except:

(i) Irrigation of landscaped areas shall be limited to designated watering days between the hours of **9:00 p.m.** and **9:00 a.m.** and shall be by means of hand-held hoses, hand-held buckets, drip irrigation, or hose-end sprinklers. **The use of permanently installed automatic sprinkler systems is prohibited at all times;**

(ii) The District prohibits the watering of golf course tees unless the golf course utilizes a water source other than that provided; and

(iii) The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued.

(E) Stage 4 Response - CRITICAL Water Shortage Conditions.

(1) Goal: Achieve a 30% percent reduction in daily water demand.

(b) Supply Management Measures: Measures to be implemented directly by the District to manage limited water supplies and/or reduce water demand include: discontinued flushing of water mains, discontinued irrigation of public landscaped areas; use of an alternative supply source(s); use of reclaimed water for non-potable purposes.

(c) Water Use Restrictions: All requirements of Stage 2 and Stage3 shall remain in effect during Stage 4 except:

(i) 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 uses of hose-end sprinklers or permanently installed automatic sprinkler systems are prohibited at all times.

(ii) 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.**

(iii) The filling, refilling, or adding of water to swimming pools, wading pools, and Jacuzzi-type pools is prohibited.

(iv) 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.

(v) 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. 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.

(F) Stage 5 Response - EMERGENCY Water Shortage Conditions.

(1) Goal: Achieve a **30%** percent reduction in daily water demand.

(a) Supply Management Measures: Measures, to be implemented directly by the District to manage limited water supplies and/or reduce water demand include: discontinued flushing of water mains discontinued irrigation of public landscaped areas; use of an alternative supply source(s); use of reclaimed water for non-potable purposes.

(b) Water Use Restrictions: All requirements of Stage 2, 3, and 4 shall remain in effect during **Stage 5** except:

(i) Irrigation of landscaped areas is absolutely prohibited.

(ii) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.

10. Enforcement.

No person shall knowingly or intentionally allow the use of water from the District for residential, commercial, industrial, governmental or any other purpose in a manner contrary to any provision of this plan, or in any amount in excess of that permitted by the drought response stage in effect at the time. Violation of any stage of this plan could warrant termination of service.

11. Adoption of Plan.

This Plan was adopted by the Board of Directors at a properly noticed meeting held on April 17, 2000.