

CADDO BASIN SPECIAL UTILITY DISTRICT

DROUGHT CONTINGENCY PLAN

ADOPTED JUNE 28, 2000

SECTION I INTRODUCTION

In order to conserve the available water supply for the highest priority uses in times of shortage and to protect and preserve the public health the Caddo Basin Special Utility District Drought Contingency Plan is adopted.

- A.** Weather conditions as unpredicted as they are determine to a large degree the availability of raw water for all its uses, including public use and consumption. Various degrees of drought are inevitable and have a far-reaching impact on the water services.
- B.** Caddo Basin Special Utility District, by contract, receives treated water from North Texas Municipal Water District located on Lake Lavon. Any extreme fluctuations in water levels on Lake Lavon may directly affect Caddo Basin Special Utility District limits of water capacity.

SECTION II PUBLIC INVOLVEMENT

- A.** The provisions of this plan shall apply to all Caddo Basin Special Utility District water users. The term water users includes all residences, schools, churches, businesses, and any other entity receiving water from the District.
- B.** Opportunity for the public to provide input to the plan was accomplished by mailing each customer an invitation for comment and by posting the invitation in public places.
- C.** Caddo Basin Special Utility District is located within Regional Water Planning Districts C and D, and upon adoption, both Districts will be provided a copy of the plan.

SECTION III IMPLEMENTATION

- A. When conditions defined by the Plan are present, the Board of Directors of Caddo Basin Special Utility District, upon recommendation by the General Manager, may authorize Drought Condition Operation for all or part of the District.
- B. After authorization by the Board, the General Manager will notify all affected water users by Public Notice and/or mail, that Drought Condition Operations have begun.
- C. Once the operations have begun, they shall continue under the Drought Contingency Plan with progression from one stage to another as determined by appropriate trigger conditions executed by the General Manager. All water users will be re-notified as soon as possible by Public Notice.
- D. The triggering criteria for each water shortage condition is based on Lake Lavon water surface elevations, or, all or a portion of the District affected by equipment failure or limited capacity.

SECTION IV DROUGHT CONDITION OPERATIONS

A. MILD DROUGHT (STAGE ONE)

- 1. Conditions when Lake Lavon water surface elevation lies between four hundred eighty and four hundred seventy-five feet above Mean Sea Level, (MSL). Or, when Caddo Basin Special Utility District reaches ninety-five percent of its pumping capacity, (1.4 MGD), on a thirty consecutive day average.
- 2. Stage one of the plan may be rescinded when the triggering conditions have ceased to exist for a period of thirty consecutive days, or when the General Manager declares termination.

B. MODERATE DROUGHT (STAGE TWO)

- 1. Conditions when Lake Lavon water surface elevation lies between four hundred seventy-five and four hundred seventy feet above MSL. Or, Caddo Basin SUD reaches ninety-seven percent of its

pumping capacity, (1.45 MGD), on a thirty consecutive day average.

2. Stage two of the plan will be rescinded when the triggering conditions have ceased for a period of fifteen consecutive days or, when the General Manager declares termination. Upon termination of stage two, stage one becomes operative.

C. SEVERE DROUGHT (STAGE THREE)

1. Conditions when Lake Lavon water surface elevation lies between four hundred and seventy and four hundred and fifty feet above MSL, or CBSUD reaches ninety-nine percent of its pumping capacity (1.48 MGD) on a thirty consecutive day average.
2. Stage three of the plans will be rescinded when the triggering conditions have ceased for a period of fifteen consecutive days or when the General Manager declares termination. Upon termination of stages three, Stage two becomes operative.

D. CRITICAL WATER SHORTAGE CONDITIONS (STAGE FOUR)

1. Condition when the General Manager declares the triggering conditions in stage three have increased and all non-essential water use but cease.
2. Stage four of the Plan may be rescinded when the General Manager declares termination, upon termination of stage four, stage three becomes operative unless otherwise determined by the General Manager.

E. EMERGENCY WATER SHORTAGE CONDITIONS (STAGE FIVE)

1. Condition triggered by any number of situations including natural disaster, massive power outages, massive equipment failures or public water supply contamination.
2. Stage five of the Plan may be rescinded when the General Manager declares termination. Upon termination of stage five, stage four becomes operative unless otherwise determined by the General Manager.

F. WATER RATIONING (STAGE SIX)

1. Water users shall be required to comply with the water allocation plan prescribed in Section IV of this plan and comply with the requirements and restrictions for stage five of this plan when any one triggering criteria under stage four or stage five, or a combination of triggering criteria under stage four or five which causes conditions such that in the determination of the General Manger affect the health, safety, or welfare of the public.
2. Water rationing may be rescinded when the General Manager declares termination.

SECTION V DROUGHT RESPONSE STAGES

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

The General Manager or his designee shall notify the public by means of publication in local newspapers of general circulation. The General Manager shall also notify directly the Board of Directors, major water users, and the TNRCC (when mandatory restrictions are imposed).

STAGE ONE RESPONSE-MILD CONDITIONS

1. Goal: Achieve a voluntary reduction in total water use and/or daily demand.
2. Supply Management Measures
 - a. Mail out watering calendars.
 - b. Reduce monthly flushing.
3. Voluntary Water Restrictions
 - a. Water users are requested to voluntarily limit the irrigation of landscaped areas by using water calendars.

STAGE TWO-MODERATE WATER SHORTAGE CONDITIONS

1. Goal: Achieve a ten percent reduction in total water use and/or daily water demand.
2. Supply Management Measures
 - a. Newspaper release about watering calendar.
 - b. Discontinue monthly flushing of water mains.
3. Water Use Restrictions. Under threat of penalty for violation, the following water use restrictions shall apply to all persons:
 - a. Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to watering calendar days only and watering from the hours of 8:00 pm to 10:00 am Sundays and Thursdays limited to the hours of 12:00 midnight until 10:00 am. 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 of five gallons or less, or drip irrigation system.
 - b. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane, or other vehicle is prohibited except on designated watering days. Such washing, when allowed, shall be done with a hand-held bucket or and hand-held hose equipped with a positive shutoff nozzle for quick rinses. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station.
 - 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 8:00 pm and 10:00 am.
 - d. 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.
 - e. Use of potable water for the irrigation of golf course greens, tees, and fairways is prohibited except on designated watering days between the hours of 8:00 pm and 10:00 am. 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.
 - f. The following uses of water are defined as non-essential and are prohibited:

- (1) Wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
- (2) Use of water to wash down buildings or structures for purposes other than immediate fire protection.
- (3) Use of water for dust control;
- (4) Flushing gutters or permitting water to run or accumulate in any gutter or street; and
- (5) Failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

STAGE THREE-SEVERE WATER SHORTAGE CONDITIONS

1. Goal: Achieve a twenty percent reduction in total water use and/or daily water demand.
2. Supply Management Measures:
 - a. Newspaper release about watering calendar.
 - b. Discontinue flushing of water mains.
 - c. Discontinue use from interconnection.
3. Water Use Restrictions: All requirements of stage two shall remain in effect during stage three except:
 - a. Irrigation of landscaped areas shall be limited to designated watering days between the hours of 12:00 midnight and 10:00am and between 8:00pm 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.

STATE FOUR-CRITICAL WATER SHORTAGE CONDITIONS

1. Goal: Achieve a thirty percent reduction in total water use and/or daily water demand.
2. Supply Management Measures:
 - a. Newspaper release about watering calendar.
 - b. Discontinue flushing of water mains.
 - c. Discontinue use from interconnection.

3. Water Use Restrictions: All requirements of stage two and three shall remain in effect during stage four except:
 - a. Irrigation of landscaped areas shall be limited to designated watering days between the hours of 6:00am and 10:00am and between 8:00pm 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.
 - 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 re-circulation system.
 - e. No applications 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 allowed or approved.

STAGE FIVE-EMERGENCY WATER SHORTAGE CONDITIONS

Whenever emergency water shortage conditions exists as defined in Section VIII of the Plan, the General Manager or his/her designee(s) shall:

1. Goal: Achieve a forty percent reduction in total water use and/or daily water demand.
2. Supply Management Measures:
 - a. Newspaper release about watering calendar.
 - b. Discontinue flushing of water mains.
 - c. Discontinue use from interconnections,
3. Water Use Restrictions: All requirements of stage two, three, and four shall remain in effect during stage five 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.

WATER RATIONING

In the event that water shortage conditions threaten public health, safety, and welfare, the General Manager is hereby authorized to ration water according to the following water allocation plan:

Water Use Restrictions: All restrictions indicated under stage five are to be in effect. All outside water uses are prohibited.

1. Single-Family Residential Customers.

The allocation to residential water customers residing in a single-family dwelling shall be eight thousand gallons per customer per month.

2. Master-Metered Multi-Family Residential Customers

The allocation to a customer billed from a master meter which jointly measures water to multiple permanent residential dwelling units (e.g. apartments, mobile homes) shall be allocated two thousand gallons per month for each dwelling unit.

3. Commercial/Industrial Customers

A monthly water usage allocation will be established for each nonresidential commercial/industrial customer using past twelve month history of usage.

Variances

1. The General Manager, or his/her designee, may, in writing, grant a temporary variance to the pro rata water allocation policies provided by this Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the public health, welfare, or safety 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.
2. Persons requesting an exemption from the provisions of this Plan shall file a petition for variance with the General Manager within five days after pro rata allocation has been invoked. All petitions for variances shall include the following.
 - a. Name and address of the petitioner(s).
 - b. Detailed statement with supporting data and information as to how the pro rata allocation of water under the policies and procedures established in the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with the Water Conservation Plan.
 - c. Description of the relief requested.
 - d. Period of time for which the variance is sought.
 - e. Alternative measures the petitioner is taking or proposes to take to meet the intent of this Plan and compliance date.
 - f. Other pertinent information.
3. Variances granted by the Board of Directors shall be subject to the Following conditions, unless waived or modified by the Board of Directors or its designee:
 - a. Variances granted shall include a timetable for compliance.
 - b. Variances granted shall expire when the Plan is no longer in effect, unless the petitioner has failed to meet specified requirements.
4. No variance shall be retroactive or otherwise justify any violation of this Plan occurring prior to the issuance of the variance.

Section XIII: Enforcement

- A. No person shall knowingly or intentionally allow the use of water from The Caddo Basin Special Utility District 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 General Manager, or his/her designee, in accordance with provisions of this Plan.

B. Violation of Plan

1. First Violation

Any person who violates this Plan may have a flow restrictor installed in the line to limit the amount of water which will pass through the meter. The cost to be charged to the customer account shall be the actual cost to the District, not to exceed \$50.00.

2. Subsequent Violations

The District may terminate service at the meter for a period of seven days or until the end of the month, whichever is less. The normal service trip fee of the District shall apply for restoration of service.