

Ordinance No. 070606-1

AN ORDINANCE ADDING CHAPTER 10 SECTION 17, ENTITLED “WATER CONSERVATION AND EMERGENCY WATER DEMAND PLAN, TO CITY CODE OF ORDINANCES

BE IT ORDAINED by the City Council of the City of Blooming Grove Texas that Chapter 10, Section 17, be added to the City Code of Ordinances to hereafter read as follows:

CHAPTER 10: UTILITIES

Section 17 WATER CONSERVATION AND EMERGENCY WATER DEMAND MANAGEMENT PLAN

A. Trigger Conditions

- (1) Mild Drought. Mild drought conditions and contingency measures will be in effect when Navarro Mills Reservoir declines below elevation 421.5 feet above mean sea level (MSL) or when the average daily water use equals or exceeds 85% of the City of Corsicana’s treatment capacity for seven consecutive days. Based on a current total existing treatment capacity of 24.25 MGD, the 85 % trigger will be equal to 20.6 MGD.
- (2) Moderate Drought. Moderate drought conditions and contingency measures will be in effect when Navarro Mills Reservoir declines below elevation 419.0 feet above MSL or when the daily water use equals or exceeds 95% of the City of Corsicana’s treatment capacity for seven consecutive days. Based on a current total existing treatment capacity of 24.25 MGD, the 95% trigger will be equal to 23.0 MGD.
- (3) Severe Drought. Severe drought conditions and contingency measures will be in effect when the water surface elevation at Navarro Mills Reservoir declines below elevation 414.5 feet above MSL.
- (4) Critical Emergency. Critical emergency and contingency measures will be in effect in the event of a catastrophic failure in the City of Corsicana’s raw water sources, treatment, storage or distribution systems or if the potable water supply is not suitable for human consumption.

B. Drought Contingency Measures

The following actions will be taken by the City when trigger conditions are reached and drought contingency measures may be necessary:

(1) Mild Condition.

- (a) Inform the public through the news media and water bill mail-outs that a trigger condition has been reached and that they should look for ways to VOLUNTARILY reduce water such as:
 - i) Use water in a manner that does not allow runoff or waste.
 - ii) Use bucket, not spray nozzle, for washing and rinsing of vehicles.
 - iii) Make sure dishwasher is full before running.
 - iv) Wash full loads of laundry.
 - v) Take shorter showers.
 - vi) Turn water off when brushing teeth.
 - vii) Install toilet dam or other water saving device on commode.
 - viii) Use water saving native plants and shrubs in landscape.
- (b) Notify major commercial water users of the situation and request voluntary water use reductions.
- (c) Publicize the following VOLUNTARY (5 day) lawn water scheduling during the hours of 8:00 p.m. to 10:00 a.m. These Practices would also need to be implemented on public grounds to set an example for the general public.

<u>Last Digit of Address</u>	<u>Allowed Water Dates</u>
0 and 5	5 th , 10 th , 15 th , 20 th , 25 th 30 th
1 and 6	1 st , 6 th , 11 th , 16 th , 21 st , 26 th
2 and 7	2 nd , 7 th , 12 th , 17 th , 22 nd , 27 th
3 and 8	3 rd , 8 th , 13 th , 18 th , 23 rd , 28 th
4 and 9	4 th , 9 th , 14 th , 19 th , 24 th 29 th

- (c) During winter months request water users to insulate pipes rather than running water to prevent freezing.

The goal in implementing the mild condition actions is to achieve a five percent (5%) reduction in system demand.

(2) Moderate Condition.

- (a) Continue implementation of all relevant actions in preceding phase.
- (b) Prohibit car washing, window washing, and pavement washing except when a bucket is used. (Car washed may still remain open).
- (c) The following mandatory (5 day) lawn watering schedule during the hours of 8:00 p.m. to 10:00 a.m. will be implemented. This includes all public grounds.

<u>Last Digit of Address</u>	<u>Allowed Water Dates</u>
0 and 5	5 th , 10 th , 15 th , 20 th , 25 th , 30 th
1 and 6	1 st , 6 th , 11 th , 16 th , 21 st , 26 th
2 and 7	2 nd , 7 th , 12 th , 17 th , 22 nd , 27 th
3 and 8	3 rd , 8 th , 13 th , 18 th , 23 rd , 28 th
4 and 9	4 th , 9 th , 14 th , 19 th , 24 th , 29 th

Handheld watering of new landscapes (less than one year old) and commercial plant nurseries may be done any day during the above stated irrigation time.

- (d) The following public water uses, not essential for public health or safety, will be prohibited.
 - i) Street washing.
 - ii) Water hydrant flushing.
 - iii) Filling pools.
 - iv) Athletic field watering.
 - v) Watering grassed areas of public property.
 - vi) Operation of ornamental fountains.

The goal in implementing the moderate condition actions is to achieve a ten percent (10%) reduction in system demand.

(3) Severe Conditions.

- (a) Continue implementation of all relevant actions in the two preceding phases.
- (b) All outdoor water use will be prohibited. Such use includes, but is not limited to the following: lawn watering, car washing (including car washes) and pavement washing.
- (c) Advise the public weekly regarding the severity of the condition.
- (d) Consider adoption of an emergency ordinance to implement water rationing or surcharges for excessive water use.
- (e) Consider the feasibility for reuse of wastewater treatment plant effluent (approximately 50,000 gallons per day available).

The goal in implementing the severe condition actions is to achieve a thirty percent (30%) reduction in system demand.

(4) Critical Emergency Conditions.

All uses of public water supply will be banned except in cases of emergency. In these cases, water use will be limited, and water should be boiled prior to use as the purity may be questionable.

Under drought contingency measures, the City may pursue the use of reclaimed water for non-potable purposes.

Passed and Approved by the City Council of the City of Blooming Grove Texas, this 15th day of July, 2006.

Alva L. Smith, Mayor

Attest:

Shelby Thedford, City Secretary