

RESOLUTION NO. 06-10

**A RESOLUTION AUTHORIZING AND DIRECTING ESTABLISHMENT OF A WATER CONSERVATION PLAN IN THE CITY OF GUYMON, OKLAHOMA**

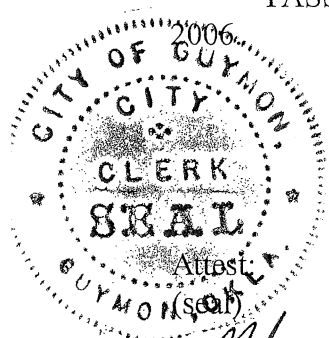
WHEREAS, it is desirable that a water conservation plan be adopted in the City of Guymon to conserve the City's water resources, promote efficient and proper use of water and prevent its waste; and,

WHEREAS, the City Manager with the assistance of appropriate administrative department heads and other personnel of the City of Guymon are responsible for operation of the City's water production and distribution facilities, it is appropriate that guidelines be developed by the City staff for implementation of a water conservation plan.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GUYMON, OKLAHOMA;

That the water conservation plan proposed by the City Manager and attached to this Resolution is hereby adopted by the Guymon City Council as the official water conservation plan of the City of Guymon to be followed by City personnel in management of the water resources of the City of Guymon, to provide for the reasonable regulation of the use of water as conditions might require, and to provide reasonable notice to the public of water emergencies, restrictions or regulations.

PASSED BY THE GUYMON CITY COUNCIL this 27<sup>th</sup> day of April,



CITY OF GUYMON

[Signature]  
Peggy Keenan, Mayor

[Signature]  
Melissa Bond, City Clerk

Approved as to form:  
[Signature]  
David K. Petty, City Attorney

# WATER CONSERVATION PLAN

## STAGE 1: WATER WATCH

### Triggers

This state is triggered by any one of the following conditions:

1. The City storage has fallen below 85 percent capacity, or
2. Demand for one day is in excess of 6 million gallons per day (mgd), or
3. Unable to maintain pumping capacity or pressure due to equipment failure/downtime.

### Goals

The goals of this stage are to heighten awareness of the public on water conditions and to maintain the integrity of the water supply system.

### Education Actions

1. The City will make occasional news releases, to the local media, describing present conditions and indicating the water supply outlook for the upcoming season.
2. Previous months summaries of precipitation, temperature, and storage will be made public at the beginning of each month.

### Management Actions

1. The City wells will be cleared and flushed to maintain them at their most efficient condition.
2. Leaks will be repaired within 48 hours of detection.
3. System pressure will be maintained below 60 pounds per square inch.
4. The City will monitor its use of water and will curtail activities such as hydrant flushing and street cleaning.

### Regulation Actions

The public will be asked to curtail some outdoor water use and to make efficient use of indoor water, i.e. wash full loads, take short showers, and don't let faucets run etc.

## STAGE 2: WATER WARNING

### Triggers

This stage is triggered by any one of the following conditions:

1. The City water tower storage has fallen below 70 percent capacity, or
2. Wells are pumping less than 60 percent of rating, or
3. Demand for one day is in excess of 6 mgd, or

4. Unable to maintain pumping capacity at wells or booster pumps due to equipment failure/downtime.

### Goals

The goals of this state are to reduce peak demands by 20% and to reduce overall weekly consumption by 10%.

### Education Actions

1. The City will make weekly news releases to the local media describing present conditions and indicating the water supply outlook for the upcoming week.
2. Previous week summaries of precipitation, temperature, and storage will be made public.
3. Water conservation articles will be provided to the local newspaper.

### Management Actions

1. The City water supplies will be monitored daily.
2. Leaks will be repaired within 24 hours of detection.
3. System pressure will be maintained between 50 pounds per square inch.
4. Pumping at wells will be reduced to decrease drawdown and to maintain water levels over well screens.
5. The City will curtail its water usage, including operations of fountains, watering City grounds and washing vehicles.

### Regulation Actions

1. An odd/even lawn watering system will be imposed on City residents.
2. Residents with odd-numbered addresses will water on odd days; even addresses will water on even days and no watering on Monday. Watering time will be after 9:00 PM and before 10:00 AM.
3. Golf courses will restrict watering to tees and greens after sunset.
4. Waste of water will be prohibited.

## STAGE 3: WATER EMERGENCY

### Triggers

This stage is triggered by any of the following conditions;

1. The City storage has fallen below 50 percent capacity, or
2. Demand for one day is in excess of 8 mgd, or
3. Unable to maintain pumping capacity at wells or booster pumps due to equipment failure/downtime.

### Goals

The goals of this stage are to reduce peak demands by 50% and to reduce overall weekly consumption by 25%.

### Education Actions

1. The City will make daily news releases to the local media describing present conditions and indicating the water supply outlook for the next day.
2. Previous days summaries of precipitation, temperature, and storage will be made available to the public each day.
3. The City will hold public meetings to discuss the emergency, the status of the City water supply and further actions which need to be taken.

### Management Actions

1. The City water supplies will be monitored daily.
2. Leaks will be repaired within 24 hours of detection.
3. System pressure will be maintained at 55 pounds per square inch.
4. Pumping at wells will be reduced to decrease drawdown and to maintain water levels over well screens.

### Regulation Actions

1. Outdoor water use will be banned.
2. Waste of water will be prohibited and action will be taken against offenders.

AT NO TIME WILL A CUSTOMER ALLOW WATER TO RUN OFF OF PROPERTY.