



City of League City, TX

300 West Walker
League City TX 77573

Meeting Minutes City Council

Tuesday, August 13, 2019

5:00 PM

Council Chambers
200 West Walker Street

Council Work Session

The City Council of the City of League City, Texas, met in a work session in Council Chambers at 200 West Walker Street on the above date at 5:00 p.m.

Mayor:

Pat Hallisey

City Council Members:

**Andy Mann
Hank Dugie
Larry Millican
Todd Kinsey
Greg Gripon
Chad Tressler
Nick Long**

City Manager:

John Baumgartner

Assistant City Manager

Bo Bass

Assistant City Manager

Michael Kramm

City Attorney:

Nghiem Doan

City Secretary:

Diana M. Stapp

Chief of Police:

Gary Ratliff

Executive Director of Development Services

David Hoover

Director of Budget/Project Management

Angie Steelman

Director of Engineering:

Christopher Sims

Director of Finance:

Kristine Polian

Director of Human Resources/Civil Service:

Janet Shirley

Director of Parks & Cultural Services:

Chien Wei

Director of Public Works:

Jody Hooks

1. CALL TO ORDER AND ROLL CALL OF MEMBERS

Mayor Hallisey called the meeting to order at 5:00 p.m. and called the roll. All members of Council were present except Todd Kinsey.

Absent 1 - Mr. Todd Kinsey

Present 7 - Mayor Pat Hallisey, Mr. Andy Mann, Mr. Hank Dugie, Mr. Larry Millican, Mr. Greg Gripon, Mr. Chad Tressler and Mr. Nick Long

2. **UPDATE TO WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN
(PRESENTED BY FREESE AND NICHOLS)**

Jody Hooks, Director of Public Works – representatives from our consultant Freese and Nichols are here tonight to present the 2019 Updated Water Conservation and Drought Contingency Plan. Texas Commission on Environmental Quality (TCEQ) requires this plan be updated every five years. This update includes a comprehensive revision of the Drought Contingency Plan.

Spandana Tummuri of Freese and Nichols presented updates to the Water Conservation Plan.

Purpose of Water Conservation Plan Updates:

Tell your community's water story:

What have we already accomplished?

How do we intend to remain an attractive community?

Who uses our water?

Do we have enough supply to meet population/demand growth?

Evaluate and formalize any potential changes in water conservation:

Five- and ten-year municipal gallons per capita per day (GPCD) goals

Five- and ten-year water loss goals

Meet requirement to be reviewed/updated and submitted every five years:

Evaluation of system (Utility Profile)

GPCD goals and implementation timeline

Information on metering, leak detection, and water loss

Letter to Regional Water Planning Group

Public input, proof of adoption, and regional coordination

Water Conservation Plan Summary:

3.0 - Regulatory basis for water conservation plans

4.0 - Water Utility Profile and Description

5.0 - Specification of Water Conservation Goals

6.0 - Basic Water Conservation Strategies

7.0 – Enhanced Water Conservation Strategies

8.0 – Potential Future Conservation Programs

9.0 – Adoption of the Plan

League City Retail Service Area (map)

Where have we been? Where are we going?
(charts)

- Five-Year and Ten-Year Total GPCD Goals**
- Municipal GPCD for the City**
- Water Loss Percentage for the City**
- Municipal GPCD (5-year Average)**
- Water Loss % (5-Year Average)**
- Water Loss % (Goal for 2029)**

Basic Water Conservation Strategies

- Metering**
- Control of Water Loss**
- Leak Detection and Repair**
- Public Education Program**
- Water Rate Structure**
- Reservoir System Operation Plan**
- Water Conservation Implementation and Enforcement**
- Coordination with RWPGs**

Enhanced Water Conservation Strategies

- Reuse and Recycling of Wastewater**
- Ordinance, Plumbing Codes and Rule on Water Conserving Fixtures**
- Landscape Water Conservation Measures**
- Voluntary Water Conservation Measures**
- GIS Tools**

Potential Future Water Conservation Strategies

- Landscape Water Conservation Measures**
- Residential Toilet Replacement Program**
- Showerhead, Aerator and Toilet Flapper Retrofit Program**
- Landscape Ordinance**
- Landscape and Irrigation System Incentives**
- Advance Community Engagement**
- Irrigation Design Criteria**
- Advanced Lead Detection and Repair**

Landscape Water Conservation Measures

- City staff is in the process of exploring mandatory no more than twice per week watering schedule year-round or seasonal**
- Purpose is to reduce seasonal peak water demands to sustain current available surface water capacity**

Other cities have implemented this with major success – Austin, Fort Worth, Woodlands, Frisco, Lubbock, Dallas

The proposed plan would require an extensive roll out public engagement campaign that includes public meetings, social media outreach, and informational handouts
City supports consideration of a potential future implementation of a water schedule which prohibits watering between 10:00 am and 6:00 pm, limited to days that align with customers' solid waste pick up zones.

Recommendations: Staff recommends Council's consideration to adopt the proposed 2019 Water Conservation Plan

Adam Conner of Freese and Nichols presented updates to the Drought contingency Plan.

Purpose of Drought Contingency Plan Updates:

Tell your community's water story:

DCPs are intended to provide short-term water savings during drought or emergency conditions

Are we equipped to handle drought?

Evaluate and formalize any potential changes in drought management:

Drought triggers, actions, and targets

Revises 2012 DCP to match current system and operational improvements

Meet requirement to be reviewed/updated and submitted every five years:

Criteria/procedures for initiation and termination of drought stages

Quantified targets for water use reduction

Demand management measures for each drought stage

Procedures for granting variances and enforcement

Letter to Regional Water Planning Group

Public input, proof of adoption, and regional coordination

2012 Drought Contingency Plan (chart):

Stages 1 – Voluntary

Trigger - Total demand exceeds 75% of contract for 3 consecutive days

Stage 2 – Mandatory

Trigger - Total demand exceeds 80% of contract for 3 consecutive days, Total demand exceeds 90% of contract on a single day

Stage 3 – Emergency

Trigger - Total demand exceeds 95% and/or system pressure falls below 40 psi, Unpredictable loss of capability to provide water service, Natural or man-made contamination of water source

2019 Drought Contingency Plan (chart):

Stage 1 – Voluntary

Trigger – Total demand exceeds 75% of contract for 3 consecutive days, Total demand exceeds 85% of contract on a single day, Discretion of City Manager

Stage 2 – Mandatory

Trigger – Total demand exceeds 85% of contract for 3 consecutive days, Total demand exceeds 95% of contract on a single day, Discretion of City Manager

Stage 3 – Emergency

Trigger – Total demand exceeds 90% of contract for 3 consecutive days, Total demand exceeds 98% of contract on a single day, Discretion of City Manager

Addition of Stage 4 – Emergency Water Shortage (Mandatory)

Trigger – Total demand exceeds 95% for 3 consecutive days and/or system pressure falls below 35 psi, Unprecedented loss of capability to provide water, Natural or man-made contamination of water source, Discretion of City Manager

Stage 1 Voluntary Limits on Outdoor Watering Days (map)

Stage 2 Mandatory Limits on Outdoor Watering Days (map)

Stage 3 Mandatory Limits on Outdoor Watering Days (map)

Summary:

Opportunity to bring in fresh set of eyes

Requirements are being met

Moved from three states to four

Stage 1 – 10% reduction to 2% reduction

Stage 2 – 25% reduction to 10% reduction

Stage 3 – 40% reduction to 20% reduction

Stage 4 – 35% reduction

Revised watering measures

Stage 1 – voluntary twice-per-week

Stage 2 – voluntary twice-per-week to mandatory twice-per-week

Stage 3 – absolute prohibition to mandatory once-per-week

Stage 4 – absolute prohibition

Aligned watering days with solid waste collection zones

Recommendation: Staff recommends the Council's consideration to adopt the proposed 2019 Drought Contingency and Water Emergency Management Plan

3. PUBLIC COMMENTS

4. ADJOURNMENT

At 5:49 p.m. Mayor Hallisey said, there being no further business this meeting is adjourned.

**PAT HALLISEY
MAYOR**

**DIANA M. STAPP
CITY SECRETARY**

(SEAL)

MINUTES APPROVED: