



AGENDA MEMORANDUM

Public Hearing/First Reading for the City Council Meeting of May 23, 2017
Second Reading Ordinance for City Council Meeting May 30, 2017

DATE: May 16, 2017

TO: Margie C. Rose, City Manager

THRU: Mark Van Vleck, Assistant City Manager
markvv@cctexas.com
(361) 826-3082

Dan Grimsbo, Interim Executive Director of Utilities and Development
DanG@cctexas.com
(361) 826-1718

FROM: Esteban Ramos, Water Resource Manager, Water Utilities Development
EstebanR2@cctexas.com
(361) 826 -3294

Ordinance amending Chapter 55 of the City Code of Ordinances and Drought Contingency Plan regarding triggering criteria for Stage 1 and Stage 2 and Drought Best Management Practices for Stage1.

CAPTION:

Ordinance amending City Code of Ordinances, Sections 55-152 and 55-153, to revise Drought contingency Stage 1 and 2 triggers and Drought Management Practices; authorizing amendment to the Drought Contingency Plan approved by Ordinance No. 029846 and amended by Ordinance No. 030545 to reflect the changes to Sections 55-152 and 55-153; and providing for publication.

PURPOSE:

The purpose of this amendment is to provide for more efficient use of the water system and delay initiation of drought stage responses by removing conditions that Stage 1 is always in effect to quantifying the initiation to reflect consideration of the total system yield capacity and lowering the initiation percentage of Stage 2.

BACKGROUND AND FINDINGS:

The Water Resource Management Ordinance (Article XII of Chapter 55) provides the City legal authority to implement the Drought Contingency Plan (DCP) and Water Conservation Plan. The DCP outlines the best management practices to be taken by the City and Region to meet water demand during a period of water shortage or other emergency situation.

One of the major changes to the DCP, which is our current 2015 DCP version was to extend the time that one-day-per-week irrigation is implemented. This was done by raising the trigger point

of Stage 2 initiation from 40% combined reservoir capacity (of Lake Corpus Christi and Choke Canyon Reservoir) to 80% capacity. This decision was made because of the success on conservation achieved by residents during Stage 2 of the drought. Since then Stage 1 measures become year-round and conditions of the current Stage 2 have been initiated and sustained for over 24 months. This has resulted in a water use decline of over 10,000 ac-ft. calculated over the last Fiscal year. In addition, has been observed to have caused unnecessary burden on customers and staff and as such, On April 5, 2017 at the Utility Rate, Winter Averaging, & Drought Contingency Workshop City Council members directed Staff to recommend changes to the current Drought Contingency plan.

The following changes were made to the drought contingency plan based on City Council Direction.

Drought Stage Response	CCR/LCC Combined Reservoir Storage Level 2015	Target Demand Reduction Levels 2015	CCR/LCC Combined Reservoir Storage Level 2017	Target Demand Reduction Levels 2017
Stage 1- Mild	Always in effect	Not Applicable	<50% or if Lake Texana is <40%	5%
Stage 2- Moderate	<80%	10%	<40%	10%
Stage 3- Severe	<30%	15%	<30%	15%
Stage 4- Critical	<20%	30%	<20%	30%
Stage 5- Emergency	Not Applicable	50%	Not Applicable	50%

ALTERNATIVES:

None

OTHER CONSIDERATIONS:

This Ordinance takes effect upon newspaper publication after final Council approval and will be submitted to TCEQ and TWDB for review and adoption.

CONFORMITY TO CITY POLICY:

Yes this conforms to applicable regulations.

EMERGENCY / NON-EMERGENCY:

Non-emergency

DEPARTMENTAL CLEARANCES:

Legal

FINANCIAL IMPACT:

- Operating
 Revenue
 Capital
 Not applicable

Fiscal Year: 2016-2017	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Line Item Budget				
Encumbered / Expended Amount				
This item				
BALANCE				

Fund(s): N/A

Comments: N/A

RECOMMENDATION:

Approval of ordinance amendment as proposed and its supporting documents

LIST OF SUPPORTING DOCUMENTS:

Amended ordinance
 Amended Drought Contingency Plan
 Presentation