

## **MEMORANDUM**

**TO:** Claire Powell, City Manager

**VIA:** Aaron Russell, P.E., Director of Public Services

**FROM:** Katelyn Hearon, Utilities Manager

**DATE:** May 6, 2024

**SUBJECT:** **Consideration of an Ordinance of the City Council of the City of Lewisville, Texas, Amending Chapter 16 (Utilities) of the Lewisville City Code by Deleting Division 2, Water Conservation and Water Management Plan, Sections 16-251 Through 16-259 and Replacing it with a new Water Conservation and Water Management Plan; Adopting a Water Conservation and Emergency Water Management Plan; Providing a Penalty, Severability, and an Effective Date; and Declaring an Emergency.**

### **BACKGROUND**

The State of Texas under the Texas Administrative Code (TAC) Title 30, Chapter 288 requires all public water supply providers to develop, submit, and implement a Water Conservation Plan, an Emergency Water Management or Drought Contingency Plan, and an Ordinance or enforcement document. The Code also requires the Water Conservation and Emergency Water Management Plan to be updated every five (5) years. The City of Lewisville's plan was last updated in 2019 and the next required update is due to the Texas Commission of Environmental Quality (TCEQ) in May 2024.

### **ANALYSIS**

Required revisions to the water conservation plan include specific, quantified five- and ten-year targets for water savings, and drought or emergency management plans must be revised to include specific, quantified targets to be achieved in periods of water shortage and drought. The City of Lewisville's Water Conservation and Emergency Water Management Plan has been modified to incorporate all the current requirements of Title 30 TAC, Chapter 288. Updated information is needed in the areas of utility profiling (accurate metering, water loss, and population and demand projections) and conservation planning goals; both requirements set by state law.

In addition to updating the Water Conservation and Emergency Water Management Plan, staff has revised the Emergency Water Management Ordinance to reference the updated Plan. This update is being made to meet the current deadline for submission, however Council will see another update to the plans in conjunction with Advanced Metering Infrastructure (AMI) installation and a new inclining block rate study being proposed later this year to increase conservation efforts.

### **CITY STAFF'S RECOMMENDATION**

That the City Council approve the ordinance as set forth in the caption above.