



AGENDA ITEM SUMMARY FORM

PROPOSED MEETING DATE: April 17, 2024
PREPARED BY: Scott Moore, Director
DEPARTMENT: Administration

AGENDA ITEM DESCRIPTION:

Consideration, discussion, and possible action on a Water Conservation Plan and a Drought Contingency Plan for the City of Manor.

BACKGROUND/SUMMARY:

The City of Manor is required to have a Drought Contingency Plan and Water Conservation Plan updated every five years. In April 2009, the City Council adopted a Conversation Plan for its wholesale and retail treated water utility systems to manage public water resources effectively and to plan appropriate responses to emergency and drought conditions. The adopted plan recognized that conservation is valuable in managing water and wastewater utility systems. The benefits of water conservation include extending available water supplies; reducing the risk of shortage during periods of extreme drought; reducing water and wastewater utility operating costs; improving the reliability and quality of water utility service; reducing customer costs for water service; reducing wastewater flows; improving the performance of wastewater treatment systems; and enhancing water quality and the environment.

The city currently bills 5,652 water service connections with an estimated water service population of 20,939. The city experienced a population growth of 70%+ since the 2010 census. The City's population will continue to grow, with the water service population estimated to be at 28,240 by the year 2030.

The Drought Contingency Plan will be adopted to conserve the available water supply and protect the integrity of water supply facilities, with particular regard for domestic water use, sanitation, and fire protection, and to protect and preserve public health, welfare, and safety and minimize the adverse impacts of a water supply shortage or other water supply emergency conditions. Due to the recent summer droughts that have impacted Central Texas, the city was forced to activate mandatory water conservation measures. The mandatory regulations and restrictions on the delivery and consumption of potable water were necessary, which the citizens adjusted their water usage to comply with the mandate.

The Water Department will take the following steps to ensure our customers are well-informed and educated on the adopted Drought Contingency and Water Conservation Plans:

- Staff will develop and provide water conservation brochures and handouts to water customers on an annual basis and utilize social media and public forums to provide updates and informative conservation measures;

- Staff local events to provide water customers with water-saving tips, low-flow shower heads, faucet aerators, and other information.
- The City will continue to promote a landscape water management information program.
- The City will continue to provide information and instructions on its website so that residents can perform evaluations for irrigation systems to ensure they are correctly functioning. This helps educate the water customers on how to operate their irrigation system more efficiently and helps reduce water waste.

The City Council is being requested to adopt plans that provide and establish additional water conservation measures and schedules in order that water conservation may be promptly implemented during the summer months and times of water shortage. Being able to preserve and protect the overall health and safety of the Manor residents will be important for the implementation of conservation measures and outdoor watering schedules commensurate with the beginning of the summer months and other times when system demand for water increases or there is a shortage of water that directly impact the community.

LEGAL REVIEW: Yes – Veronica Rivera, Assistant City Attorney

FISCAL IMPACT: No

PRESENTATION: No

ATTACHMENTS: Yes

- Draft Drought Contingency Plan
- Water Conversation Plan

STAFF RECOMMENDATION:

The staff recommends that the City Council direct the City Manager to make any final additions to the Water Conservation and Drought Contingency Plans for approval on May 1, 2024.

PLANNING & ZONING COMMISSION: **Recommend Approval** **Disapproval** **None**