



WATER CONSERVATION ORDINANCE APPROVAL

OR-24-004

April 16, 2024

Background

- ❑ Chapter 11 of the Texas Water Code and Title 30 of the Texas Administrative Code require the City to submit an updated Water Conservation Plan (WCP) and Drought Contingency Plan (DCP) to the TCEQ and TWDB every 5 years.
- ❑ The City originally adopted and implemented their WCP in 1998 and revised the Code in 2006 to include a DCP as well.
- ❑ Last update to the Code was in 2019 at which time the latest template was initiated as suggested by TCEQ.
- ❑ All current amendments align with the WCID Drought Contingency Plan.

Amendments

- Addition to definitions:
 - Trigger: conditions that indicate when certain drought or emergency response measures will be implemented. These conditions are mild, moderate, severe, and emergency.
- Minor revisions to all Stages:
 - Timeline for initiation of Stage 1 was increased from three (3) to five (5) consecutive days, (b) Goal: was revised from “voluntary” to “five (5) percent” reduction, and (d) “Voluntary water” was revised to “Water”.
 - Timeline for initiation of Stage 2 was increased from three (3) to five (5) consecutive days.
 - Timeline for initiation of Stage 3 was decreased from three (3) consecutive days to thirty-six (36) consecutive hours.
 - Elimination of “Critical Stage” (current stage 4) and recategorized Stage 5 (Emergency) to Stage 4.

Amendments Cont.

- Update of the city’s historic, five-year goal, and ten-year goal for demand reduction through water conservation.

CURRENT	Historic 5 Year Average (2019)	5-Year Goal for Year 2024	10-Year Goal for Year 2029
Total GPCD	104	110	110
Residential GPCD	67	70	70
Water Loss (GPCD)	18	17	16
Water Loss Percentage	17.31%	15.45%	14.55%

REVISIONS	Historic 5 Year Average (2024)	5-Year Goal for Year 2029	10-Year Goal for Year 2034
Total GPCD	104	107	104
Residential GPCD	66.8	67.5	66.3
Water Loss (GPCD)	17.4	17.1	16.8
Water Loss Percentage	16.85%	16.35%	15.85%

Recommendation

- Staff recommends that the City Council approve the ordinance adopting the revisions to Chapter 30, Article I, Water Conservation and Drought Contingency Plan.