

City of Hutchins, Texas

Water Conservation Plan

Section I. Declaration of Policy, Purpose, and Intent

In order to conserve the available water supply; protect the integrity and reliability of water supply and distribution facilities; ensure adequate supplies for domestic use, sanitation, and fire protection; protect and preserve public health, welfare, and safety; and minimize the adverse impacts of water shortages and emergency conditions, the City of Hutchins hereby adopts this Water Conservation Plan (WCP).

This Plan is prepared in accordance with the requirements of Texas Administrative Code (TAC) Title 31, Part 10, Chapter 288, Subchapter A, and the Texas Water Development Board (TWDB) Water Conservation Plan Checklist (TWDB-1968). The City commits to implementing conservation measures, tracking performance, and updating this Plan at least every five years.

Section II. Public Involvement

The City provided an opportunity for public input on revisions to this Plan through an open comment period held from _____ to _____ 2026. Notice was provided via the City website and a local newspaper. Comments received, if any, were considered prior to adoption.

Section III. Utility Profile and Coordinator

The retail utility identified in this Water Conservation Plan is the City of Hutchins, a municipal utility serving Dallas County, Texas, within the Region C (Trinity River Basin) Water Planning Area. The City's Public Water System (PWS) ID is 570012, and the TWDB Survey Number is 0412400. The service area includes the municipal limits of the City of Hutchins and its certificated retail service area. The TWDB Utility Profile Form TWDB-1965 has been completed and attached as Appendix D. This Utility Profile is populated using the City of Hutchins' **2024 TWDB Water Use Survey** and **2020 TWDB Water Loss Audit**, the most recent reports available at the time of this update.

Section IV. Conservation Coordinator

Conservation coordinator: Kenneth Golsby

Title: Director of Public Works

Email: kgolsby@cityofhutchinstx.gov

Telephone: 214-364-3452

Section V. Conservation Goals

The WATER CONSERVATION PLAN 5- AND 10-YR GOALS FOR WATER SAVINGS are attached as Appendix E., and can be summarized as below

- Reduce total GPCD by 5% within five years and 10% within ten years through identifying and upgrading deteriorated infrastructure.
- Reduce water loss to 5% within five years and 10% within ten years through identifying and upgrading deteriorated infrastructure.
- Maintain residential GPCD through public education and a billing structure to encourage conservation.
- Maintain compliance with TWDB reporting requirements.

The baseline figures are derived from the 2025 Water Loss Survey and Water Use Survey. Because TWDB mandates the Water Loss Survey on a five-year cycle, the 2025 survey serves as the most current dataset available for establishing the baseline. Progress will be evaluated annually using metered data and TWDB reports.

Section VI. Metering, Accounting, and Record Management

The City maintains a proactive water management program that includes **daily monitoring of the DWU water supply meter** to ensure early detection of potential leaks. **Universal metering is installed across all service connections**, improving the accuracy of meter readings and enhancing system-wide monitoring. Staff remains **responsive and timely in conducting regular meter testing, repairs, and replacements** whenever irregularities in meter performance or billing occur. Each year, the city performs an **annual reconciliation of water production, sales, and losses** to evaluate DWU-purchased water, identify known losses, detect unmetered usage, and address any metering or billing system discrepancies, supporting progress toward the City's conservation goals. In addition, the City ensures **timely submission of all required TWDB Water Use Surveys and Water Loss Audits**, maintaining compliance with state reporting requirements and supporting long-term water resource planning.

Section VII. Leak Detection and Repair

The City maintains an **active leak detection program** designed to identify unreported leaks throughout the distribution system. Once leaks are detected, staff **proactively repair all identified issues** to minimize water loss and protect system integrity. All repairs are **fully documented**, including the estimated volume of water recovered, to support accurate tracking of system performance and loss reduction. In addition, the City works to **identify critical infrastructure that will require future replacement or upgrades**, ensuring long-term reliability and supporting strategic capital improvement planning.

Section VIII. Public Education and Information

The City will provide ongoing public education on water conservation and drought response through water bill inserts, the City website, social media, signage at City facilities, and outreach during community events. Information will include conservation practices, drought stages, and enforcement provisions.

Section IX. Conservation Pricing and Rate Structure

The City maintains a rate structure intended to promote efficient water use while ensuring system sustainability. Rates will be periodically reviewed to support conservation objectives.

Section X. Coordination with Regional Water Planning Groups

The City of Hutchins is located within the Region C Water Planning Area. A copy of this Plan will be provided to the Region C Water Planning Group, and the City will coordinate conservation goals and data reporting consistent with the Region C Plan.

Section XI. Drought Contingency Measures (Summary)

The City maintains a Drought Contingency Plan (DCP) with staged response measures, triggers, and enforcement provisions. The DCP is incorporated by reference and implemented as conditions warrant.

Section XII. Implementation, Enforcement, and Review

The Public Works/Utilities Director, or designee, is authorized to implement this Plan. The City will review and update the WCP at least every five years or as required by TWDB to maintain eligibility for financial assistance.

Adoption

Adopted by the City Council of the City of Hutchins, Texas, on _____.

Appendix A: Water Use and Water Loss Data Tables (TWDB Required)

Table A-1. Annual Water Supply and Use Summary (Calendar Year 2024)

Category	Volume (Gallons)	Data Source
Total Water Purchased	479,922,000	TWDB Water Use Survey (2024)
Total Metered Retail Use	437,727,000	TWDB Water Use Survey (2024)

Category	Volume (Gallons)	Data Source
Total Unmetered Use	4,606,813	TWDB Water Use Survey (2024)
Residential Use (SF + MF)	175,310,000	TWDB Water Use Survey (2024)
Commercial Use	223,786,000	TWDB Water Use Survey (2024)
Industrial Use	38,631,000	TWDB Water Use Survey (2024)

Table A-2. Population, Connections, and Per Capita Use

Item	Value	Data Source
Population Served	6,149	TWDB Water Use Survey (2024)
Total Metered Connections	1,510	TWDB Water Use Survey (2024)
Peak Month	August	TWDB Water Use Survey (2024)
Peak Month Use (Gallons)	50,670,000	TWDB Water Use Survey (2024)
Input GPCD	184	TWDB Water Loss Audit (2020)
Estimated Residential GPCD	78	Calculated from WUS

Table A-3. Water Loss Summary (Calendar Year 2020)

Metric	Value	Data Source
Total System Input Volume	384,969,543 gallons	TWDB Water Loss Audit (2020)
Total Authorized Consumption	377,783,916 gallons	TWDB Water Loss Audit (2020)
Total Water Loss Volume	7,185,627 gallons	TWDB Water Loss Audit (2020)
Water Loss Percentage	1.9%	TWDB Water Loss Audit (2020)
Apparent Losses	6,694,532 gallons	TWDB Water Loss Audit (2020)
Real Losses	491,095 gallons	TWDB Water Loss Audit (2020)
Non-Revenue Water	8,561,097 gallons	TWDB Water Loss Audit (2020)

Appendix B: Drought Contingency Plan Alignment Statement

The City of Hutchins Drought Contingency Plan (DCP) is incorporated by reference and has been reviewed to ensure consistency with this Water Conservation Plan (WCP), in accordance with 31 TAC §288.20.

The following elements are aligned between the WCP and DCP:

- **Authority and Administration:** Both plans designate the Public Works/Utilities Director, or designee, as the responsible official for implementation and enforcement.
- **Triggers and Monitoring:** Drought stage initiation and termination are based on wholesale supply conditions, system demand, and guidance from the City of Dallas and regional authorities, consistent with conservation goals in this WCP.
- **Demand Reduction Measures:** Conservation measures implemented during drought stages directly support the WCP goals for reduced per capita use and minimized water loss.

- **Public Notification:** Outreach methods (billing inserts, website postings, signage, and media notices) are consistent across both plans.
- **Enforcement:** Enforcement authority, penalties, and compliance provisions in the DCP support and reinforce the objectives of this WCP.

The City will update the Drought Contingency Plan concurrently with future updates to this Water Conservation Plan to maintain consistency and continued eligibility for TWDB financial assistance.

Appendix C: TWDB Reporting Contacts

- **Water Use Survey:** waterusesurvey@twdb.texas.gov | (512) 463-7952
- **Water Loss Audit:** WLA-Group@twdb.texas.gov | (512) 463-0987