

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. Utility Profile

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.

A. Retail Utility Identification

- **Retail Utility Name:** City of Hutchins
- **Retail Utility Type:** Municipal
- **Public Water System (PWS) ID:** 570012
- **TWDB Survey Number:** 0412400
- **County Served:** Dallas County, Texas
- **Regional Water Planning Area:** Region C (Trinity River Basin)
- **Service Area Description:** Municipal limits of the City of Hutchins and certificated retail service area

B. Population and Connections (Water Use Survey – 2024)

- **Total Population Served:** 6,149
- **Total Metered Retail Connections:** 1,510
 - Residential – Single Family: 1,249
 - Residential – Multi-Family: 4
 - Commercial: 201
 - Industrial: 56
 - Institutional: 0
- **Total Unmetered Connections:** 33

C. Water Supply Sources (Water Use Survey – 2024)

- **Source Type:** Purchased Surface Water
- **Wholesale Water Provider:** City of Dallas
- **River Basin:** Trinity River Basin
- **Water Source:** Lake / Reservoir (City of Dallas system)
- **Percent Treated Prior to Delivery:** 100%
- **Total Water Purchased (2024):** 479,922,000 gallons

D. Annual Water Use Summary (Calendar Year 2024)

- **Total Water Purchased:** 479,922,000 gallons
- **Total Metered Retail Use:** 437,727,000 gallons
- **Total Unmetered Use:** 4,606,813 gallons
- **Residential Water Use (Single + Multi-Family):** 175,310,000 gallons
- **Commercial Water Use:** 223,786,000 gallons
- **Industrial Water Use:** 38,631,000 gallons
- **Wholesale / Industrial Sales:**
 - Cary Products Company, Inc.: 864,000 gallons
 - Signicast LLC: 5,250,000 gallons

E. Per Capita Water Use

- **Total Gallons Per Capita Per Day (GPCD – Input):** 184 GPCD
- **Residential Gallons Per Capita Per Day (Estimated):** 78 GPCD

F. Seasonal Demand (Water Use Survey – 2024)

- **Peak Month:** August
- **Peak Month Water Use:** 50,670,000 gallons
- **Average Monthly Water Use:** 39,993,500 gallons

G. Water Loss Data (Water Loss Audit – 2020)

- **Total System Input Volume:** 384,969,543 gallons
- **Total Authorized Consumption:** 377,783,916 gallons
- **Total Water Loss Volume:** 7,185,627 gallons
- **Water Loss Percentage:** 1.9%
- **Total Apparent Losses:** 6,694,532 gallons
- **Total Real Losses:** 491,095 gallons
- **Non-Revenue Water:** 8,561,097 gallons

Section III. Public Involvement

The City provided an opportunity for public input on revisions to this Plan through an open comment period held from December 15 to December 19, 2025. Notice was provided via the City website and a local newspaper. Comments received, if any, were considered prior to adoption.

Section IV. 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 V. 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 VI. Conservation Goals

- Reduce total GPCD by 5% within five years.
- Reduce water loss to 5% or less.
- Maintain compliance with TWDB reporting requirements.

Progress will be evaluated annually using metered data and TWDB reports.

Section VII. Metering, Accounting, and Record Management

- Universal metering for all connections.
- Regular meter testing, repair, and replacement.
- Annual reconciliation of production, sales, and losses.
- Submission of required TWDB Water Use Survey and Water Loss Audit.

Section VIII. Leak Detection and Repair

- Active leak detection program.
- Prompt repair of identified leaks.
- Documentation of repairs and volumes recovered.

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. 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 XI. 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 01/20/2026.

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)
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)

Item	Value	Data Source
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