CITY OF EVERMAN

ORDINANCE No. 836

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF EVERMAN CITY, TEXAS, ADOPTING A WATER CONSERVATION PLAN ADDING TO CHAPTER 20 OF THE CODE OF ORDINANCES BY PROVIDING FOR YEAR-ROUND WATERING AND IRRIGATION RESTRICTIONS; PROVIDING FOR AFFIRMATIVE DEFENSES AND EXCEPTIONS TO PROSECUTION; PROVIDING FOR VARIANCE PROCEDURES; PROVIDING THAT THIS ORDINANCE SHALL BE CUMULATIVE, PROVIDING A SEVERABILITY CLAUSE; PROVIDING A PENAL TY CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR PUBLICATION IN THE OFFICIAL NEWSPAPER; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of Everman City (the "City") is a Home-Rule city acting under its charter adopted by the electorate pursuant to Article XI, Section 5 of the Texas Constitution and Chapter 9 of the Local Government Code; and

WHEREAS, the City Council finds that conservation of water and protection of water supplies are in the best interest of its citizens and are necessary to protect the public health, safety and welfare; and

WHEREAS, the occurrence of droughts cannot be predicted as to when one will begin or end; and emergency situations can occur at any time as result of incidents such as pipeline failures, power outages, and pump failures; and

WHEREAS, the City of Everman has an emergency water service hook-up with the City of Fort Worth, which requires Everman to follow the wholesale water customer service guidelines of the City of Fort Worth; and

WHEREAS, as a wholesale customer of the City of Fort Worth, the city is required to institute the same conservation and rationing measures and water use restrictions on City customers as does the City of Fort Worth for so long as any part of the total water supply is furnished by the City of Fort Worth; and

WHEREAS, the City of Fort Worth has amended its Drought and Water Emergency Plan in accordance with Chapter 288, Title 30 of the Texas Administrative Code; and

WHEREAS, the City of Everman desires to adopt a Water Conservation Plan that complies with Chapter 288, Title 30 of the Texas Administrative Code.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF EVERMAN, TEXAS:

SECTION 1.

That the Water Conservation Plan attached hereto as Exhibit "A" is hereby adopted and incorporated herein for all purposes.

SECTION 2.

That section 98-444(a) of the Everman City Code of Ordinances is hereby amended to read as follows:

Sec. 20-17. Variances

(a) The director may grant variances from the provisions of this section to persons demonstrating extreme hardship and need, as determined by the director, if the following conditions are met:

(1) The applicant signs a compliance agreement on forms provided by the director and approved by the city attorney, agreeing to irrigate or water a lawn or landscape or to use the water only in the amount and manner permitted by the variance;

(2) Granting a variance must not cause an immediate and significant reduction in the city's water supply; and

(3) Failure to grant the variance would result in an emergency condition adversely affecting health, sanitation, or fire safety for the public or the person requesting the variance.

SECTION 3.

Sec. 20-18. Lawn and landscape irrigation conservation

(a) Lawns and landscaping may be watered on any day, at any time, by handheld hose, drip irrigation, a soaker hose, or tree bubbler. (The intent of this measure is to allow for the protection of structural foundations, trees, and other high-value landscape materials.)

Except for hand watering, drip irrigation, and the use of soaker hoses, a person may only irrigate, water, or cause or permit the irrigation or watering of any lawn or

landscape, inclusive of structural foundations, trees, and other high-value landscape materials, located on premises owned, leased, or managed by that person (i) on a day designated as an outdoor water use day for the property's address as shown below; and (ii) between the hours of 12 midnight to 10 a.m. and 6 p.m. to 11:59 p.m. on such day.

(1) Residential addresses ending in an even number (0, 2, 4, 6 or 8) may water on Wednesdays and Saturdays.

(2) Residential addresses ending in an odd number (1, 3, 5, 7 or 9) may water on Thursdays and Sundays.

(3) All non-residential locations (apartment complexes, businesses, industries, parks, street and/or roadway medians, etc.) may water on Tuesdays and Fridays.

(b) Except for hand watering, drip irrigation and the use of soaker hoses, a person commits an offense if that person irrigates, waters, or causes or permits the irrigation or watering of any lawn or landscape located on premises owned, leased, or managed by that person between the hours of 10:00 a.m. and 6:00 p.m.

(c) Except for hand watering, drip irrigation and the use of soaker hoses, a person commits an offense if that person irrigates, waters, or causes or permits the irrigation or watering of any lawn or landscape located on premises owned, leased, or managed by that person on a day that is not designated as an outdoor water use for that property address as shown in subsection (a) above.

(d) A person commits an offense if a person knowingly or recklessly irrigates, waters, or causes or permits the irrigation or watering of a lawn or landscape located on premises owned, leased or managed by the person in a manner that causes:

(1) a substantial amount of water to fall upon impervious areas instead of a lawn or landscape, such that a constant stream of water overflows from the lawn or landscape onto a street or other drainage area; or

(2) an irrigation system or other lawn or landscape watering device to operate during any form of precipitation.

(e) A person commits an offense if, on premises owned, leased, or managed by that person, a person operates a lawn or landscape irrigation system or device that:

(1) has any broken or missing sprinkler head; or

(2) has not been properly maintained in a manner that prevents the waste of water.

(f) Affirmative Defenses

(1) It shall be an affirmative defense to prosecution of an offense under subsection (a) that at the time such person irrigates, waters, or causes or permits the irrigation or watering of any lawn or landscape, such activity was for the purpose of:

(A) dust control of a sports field; or

(B) the maintenance, repair, or testing of an irrigation system

(2) The activity described in subsection f (1) (A) and (B) may only occur within a period of two (2) days, no more than once every thirty (30) days. Any such activity requiring a longer period or greater frequency shall require a variance as provided in subsection (g).

(g) Variances

(1) The director may grant variances to the twice per week watering and irrigation restrictions and schedule, if one or more of the following conditions are met:

(A) Failure to grant such a variance would cause an emergency condition adversely affecting health, sanitation, or fire safety for the public or the Person requesting the variance;

(B) Compliance with the watering and irrigation restrictions and/or schedule cannot be accomplished due to technical or other limitations; or

(C) Alternative methods that achieve the same level of reduction in water use can be implemented.

(2) The director may grant variances to allow for establishment of hydro mulch, grass sod, or grass seed for new lawns.

(3) Variances shall be granted or denied at the discretion of the director. All petitions for variances shall be in writing and shall include the following:

(A) Name and address of the petitioner(s);

(B) Purpose of the water use;

(C)Specific provisions from which relief is requested;

(D) Detailed statement of the adverse effect of the provision from which relief is requested;

(E) Description of the relief requested;

(F) Period of time for which the variance is sought;

(G) Alternative measures that will be taken to reduce water use, and

(H) Other pertinent information requested.

(h) A Person who irrigates, waters, or causes or permits the irrigation or watering by use of an alternative water source, such as a well, reclaimed or reused water, is exempt from prosecution if that Person has:

(1) Registered such alternative water source with the city;

(2) Provided sufficient proof to the director that the alternative water source is from a well, reclaimed or reused water or from the Trinity River and has allowed inspection by the director if deemed necessary; and

(3) Complied with the City's Backflow and Cross-connection Control Policies in Article IX of this Chapter.

SECTION 4.

This Ordinance shall be cumulative of all provisions of the Code of Ordinances of the City of Everman City and other applicable City ordinances except where the provisions of this Ordinance are in direct conflict with the provisions of such ordinances, in which event the applicability of the conflicting provisions of such ordinances are hereby repealed.

SECTION 5.

It is hereby declared to be the intention of the City Council that the sections, paragraphs, sentences, clauses and phrases of this Ordinance are severable, and if any section, paragraph, sentence, clause or phrase of this Ordinance shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining sections, paragraphs, sentences, clauses, and phrases of this Ordinance since the same would have been enacted by the City Council without the incorporation in this Ordinance of any such unconstitutional section, paragraph, sentence, clause or phrase.

SECTION 6.

Any person, firm, or corporation who violates, disobeys, omits, neglects, or refuses to comply with or who resists the enforcement of any of the provisions of this Ordinance or the Water Conservation Plan shall be fined not more than Two Thousand Dollars ($2,000.00) for each offense. Each day that a violation is permitted to exist shall constitute a separate offense.

SECTION 7.

All rights and remedies of the City of Everman City, Texas, are expressly saved as to any and all violations of the provisions of the ordinances amended herein, which have accrued at the time of the effective date of this ordinance and, as to such accrued violations and all pending litigation, both civil and criminal, whether pending in court or not under such ordinances, same shall not be affected by this ordinance but may be prosecuted until final disposition by the courts.

SECTION 8.

The City Secretary of the City of Everman City is hereby directed to publish in the official newspaper of the City of Everman City the caption, penalty clause, publication clause, and effective date clause of this ordinance at least once as required by Section 3.10 of the Charter of the City of Everman City**.**

SECTION 9.

This Ordinance shall take effect immediately from and after its passage and publication as required by law, and it is so ordained.

PASSED, APPROVED AND ADOPTED by the City Council of the City of Everman, Tarrant County, Texas on this ____ day of July, 2025.

ATTEST:

_____

Mindi Parks, City Secretary

APPROVED:

_____

Ray Richardson, Mayor

APPROVED AS TO FORM:

_____

Victoria W. Thomas, City Attorney

Exhibit "A"

City of Everman

Water Conservation Plan

City of Everman
212 North Race Street
Everman, Texas 76140

July 2025

Table of Contents

1. Utility Profile 1
2. Program Goal 1
3. Water Conservation Plan 1
   - 3.1 Education and Information 2
     - 3.1.1 Initial Year Program 2
     - 3.1.2 Long-Term Program 2
   - 3.2 Water Conservation Rate Structure 2
   - 3.3 Universal Metering and Meter Repair/Replacement 3
   - 3.4 Water Audits and Leak Detection 3
   - 3.5 Additional Water Conservation Strategies 3
   - 3.6 Implementation and Enforcement 4
   - 3.7 Periodic Review and Annual Reporting .....

Appendices

Appendix A Utility Evaluation Data Form

Appendix B Water Conservation Methods

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

CONTACT INFORMATION

Name of Utility: CITY OF EVERMAN

Public Water Supply Identification Number (PWS ID): TX2200010

Certificate of Convenience and Necessity (CCN) Number: 10074

Surface Water Right ID Number:

Wastewater ID Number:

Contact: First Name: Ryan Last Name: Mostad

Title: Utilities Superintendent

Address: 212 North Race Street City: Everman State: TX

Zip Code: 76140 Zip+4: Email: rmostad@evermantx.net

Telephone Number: 8172930525 Date: 4/23/2025

Is this person the designated Conservation Coordinator? (•) Yes ( ) No

Regional Water Planning Group: C

Groundwater Conservation District: 63

Our records indicate that you:

☑ Received financial assistance of $500,000 or more from TWDB

☐ Have 3,300 or more retail connections

☐ Have a surface water right with TCEQ

A. Population and Service Area Data

1. Current service area size in square miles: 1.96

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

2. Historical service area population for the previous five years, starting with the most current year.

Year	Historical Population Served By Retail Water Service	Historical Population Served By Wholesale Water Service	Historical Population Served By Wastewater Water Service
2024	5,941	2,820	6,279
2023	6,200	0	6,200
2022	6,200	0	6,200
2021	6,255	0	6,255
2020	6,255	0	6,255

3. Projected service area population for the following decades.

Year	Projected Population Served By Retail Water Service	Projected Population Served By Wholesale Water Service	Projected Population Served By Wastewater Water Service
2030	6,503	0	6,503
2040	6,852	0	6,852
2050	7,162	0	7,162
2060	7,200	0	7,200
2070	7,200	0	7,200

4. Described source(s)/method(s) for estimating current and projected populations.

Historic populatioins and population/growth rate.

Attached file(s):

File Name	File Description
2024 wholesale customer survey.docx	

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

B. System Input

System input data for the previous five years.
Total System Input = Self-supplied + Imported – Exported

Year	Water Produced in Gallons	Purchased/Imported Water in Gallons	Exported Water in Gallons	Total System Input	Total GPCD
2024	196,968,367	0	0	196,968,367	91
2023	175,829,737	0	0	175,829,737	78
2022	172,313,142	0	0	172,313,142	76
2021	163,997,917	0	0	163,997,917	72
2020	171,341,667	0	0	171,341,667	75
Historic Average	176,090,166	0	0	176,090,166	78

C. Water Supply System

1. Designed daily capacity of system in gallons: 1,497,600gal
2. Storage Capacity
   - 2a. Elevated storage in gallons: 750.000
   - 2b. Ground storage in gallons: 1,810,000

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

D. Projected Demands

1. The estimated water supply requirements for the next ten years using population trends, historical water use, economic growth, etc.

Year	Population	Water Demand (gallons)
2026	6,503	813,000
2027	6,523	820,000
2028	6,553	830,000
2029	6,573	840,000
2030	6,600	850,000
2031	6,625	860,000
2032	6,650	865,000
2033	6,750	870,000
2034	6,800	880,000
2035	6,852	889,000

2. Description of source data and how projected water demands were determined.

We calculated the population growth by per year. Then followed the same percentage of gallons used by poulation.

E. High Volume Customers

1. The annual water use for the five highest volume **RETAIL customers.**

Customer	Water Use Category	Annual Water Use	Treated or Raw
Paradise Apt 2	Residential	21,304,804	Treated
Paradise Apt 1	Residential	5,947,610	Treated
Wash World	Commercial	3,296,892	Treated
Advance Cast Stone	Industrial	2,602,048	Treated
Advance Cast Stone	Industrial	510,734	Treated

2. The annual water use for the five highest volume **WHOLESALE customers.**

Customer	Water Use Category	Annual Water Use	Treated or Raw

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

F. Utility Data Comment Section

Additional comments about utility data.

Section II: System Data

A. Retail Water Supplier Connections

1. List of active retail connections by major water use category.

Water Use Category Type	Total Retail Connections (Active + Inactive)	Percent of Total Connections
Residential - Single Family	2,022	90.79 %
Residential - Multi-Family	43	1.93 %
Industrial	13	0.58 %
Commercial	125	5.61 %
Institutional	24	1.08 %
Agricultural	0	0.00 %
Total	2,227	100.00 %

2. Net number of new retail connections by water use category for the previous five years.

	Net Number of New Retail Connections						
Year	**Residential - Single Family**	**Residential - Multi-Family**	**Industrial**	**Commercial**	**Institutional**	**Agricultural**	**Total**
2024	220	0	0	3	0	0	223
2023	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

B. Accounting Data

The previous five years' gallons of RETAIL water provided in each major water use category.

Year	Residential - Single Family	Residential - Multi-Family	Industrial	Commercial	Institutional	Agricultural	Total
2024	127,126,914	15,201,023	5,064,503	7,337,853	6,091,944	0	160,822,237
2023	123,923,770	16,322,839	7,609,308	9,547,595	7,778,683	0	165,182,195
2022	120,987,764	16,529,351	1,261,000	9,818,626	8,356,373	0	156,953,114
2021	114,445,386	2,091,286	4,298,713	5,795,512	6,944,937	0	133,575,834
2020	152,427,944	118,413,535	0	13,345,254	10,144,855	0	294,331,588

C. Residential Water Use

The previous five years residential GPCD for single family and multi-family units.

Year	Total Residential GPCD
2024	66
2023	62
2022	61
2021	51
2020	50
Historic Average	58

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

D. Annual and Seasonal Water Use

1. The previous five years' gallons of treated water provided to RETAIL customers.

Month	Total Gallons of Treated Water				
	2024	2023	2022	2021	2020
January	15,164,000	12,412,000	12,214,000	12,458,000	12,795,000
February	12,991,000	11,598,000	12,612,000	12,401,000	11,898,000
March	13,807,000	11,668,000	13,328,000	12,950,000	13,790,000
April	14,638,000	13,181,000	12,217,000	13,498,000	12,976,000
May	14,974,000	12,161,000	14,018,000	12,524,000	14,447,000
June	16,300,000	13,900,000	14,064,000	13,156,000	13,695,000
July	19,586,000	13,654,000	16,843,000	13,716,000	15,688,000
August	19,990,000	4,916,000	18,548,000	13,955,000	16,401,000
September	16,461,000	14,029,000	13,644,000	12,496,000	12,938,000
October	17,887,000	14,970,000	14,748,000	11,837,000	14,632,000
November	15,834,000	13,311,000	13,673,000	14,371,000	12,948,000
December	15,397,000	12,922,000	13,337,000	14,076,000	12,580,000
Total	193,029,000	148,722,000	169,246,000	157,438,000	164,788,000

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

2. The previous five years' gallons of raw water provided to RETAIL customers.

Month	Total Gallons of Raw Water				
	2024	2023	2022	2021	2020
January					
February					
March					
April					
May					
June					
July					
August					
September					
October November					
December					
Total					

3. Summary of seasonal and annual water use.

	Summer RETAIL (Treated + Raw)	Total RETAIL (Treated + Raw)
2024	55,876,000	193,029,000
2023	32,470,000	148,722,000
2022	49,455,000	169,246,000
2021	40,827,000	157,438,000
2020	45,784,000	164,788,000
Average in Gallons	44,882,400.00	166,644,600.00

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

E. Water Loss

Water Loss data for the previous five years.

Year	Total Water Loss in Gallons	Water Loss in GPCD	Water Loss as a Percentage
2024	35,744,074	16	6.19 %
2023	10,234,587	5	9.78 %
2022	12,292,886	7	22.52 %
2021	30,088,143	13	11.00 %
2020	16,771,952	7	17.50 %
Average	21,026,328	10	13.40 %

F. Peak Day Use

Average Daily Water Use and Peak Day Water Use for the previous five years.

Year	Average Daily Use (gal)	Peak Day Use (gal)	Ratio (peak/avg)
2024	528,846	607347	1.1484
2023	407,457	352934	0.8662
2022	463,687	537554	1.1593
2021	431,336	443771	1.0288
2020	451,473	497652	1.1023

G. Summary of Historic Water Use

Water Use Category	Historic Average	Percent of Connections	Percent of Water Use
Residential - Single Family	127,782,355	90.79 %	70.14 %
Residential - Multi-Family	33,711,606	1.93 %	18.51 %
Industrial	3,646,704	0.58 %	2.00 %
Commercial	9,168,968	5.61 %	5.03 %
Institutional	7,863,358	1.08 %	4.32 %
Agricultural	0	0.00 %	0.00 %

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

H. System Data Comment Section

Section III: Wastewater System Data

A. Wastewater System Data

1. Design capacity of wastewater treatment plant(s) in gallons per day: 0

2. List of active wastewater connections by major water use category.

Water Use Category	Metered	Unmetered	Total Connections	Percent of Total Connections
Municipal		2065	2065	92.7 %
Industrial		13	13	0.6 %
Commercial		125	125	6.1%
Institutional		24	24	1.1 %
Agricultural		0	0	0.00 %
Total		2,227	2,227	100.00 %

3. Percentage of water serviced by the wastewater system: 100 %

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

4. Number of gallons of wastewater that was treated by the utility for the previous five years.

Month	Total Gallons of Treated Water				
	2024	2023	2022	2021	2020
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
Total	0	0	0	0	0

5. Could treated wastewater be substituted for potable water?

◯ Yes ⊗ No

B. Reuse Data

1. Data by type of recycling and reuse activities implemented during the current reporting period.

Type of Reuse	Total Annual Volume (in gallons)
On-site Irrigation	
Plant wash down	
Chlorination/de-chlorination	
Industrial	
Landscape irrigation (park,golf courses)	0
Agricultural	
Discharge to surface water	
Evaporation Pond	
Other	
Total	0

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

C. Wastewater System Data Comment

Additional comments and files to support or explain wastewater system data listed below.

City of Everman has a connection to Fort Worth's Treatment Plant

Texas Water Development Board

WATER CONSERVATION GOALS FOR RETAIL WATER SUPPLIER

CONTACT INFORMATION

Name of Utility: CITY OF EVERMAN

Public Water Supply Identification Number (PWS ID): TX2200010

Certificate of Convenience and Necessity (CCN) Number: 10074

Surface Water Right ID Number:

Wastewater ID Number:

Contact: First Name: Ryan Last Name: Mostad

Title: Utilities Superintendent

Address: 212 N Race Street City: Everman State: TX

Zip Code: 76140 Zip+4: Email: rmostad@evermantx.net

Telephone Number: 8172930525 Date: 4/2025

Is this person the designated Conservation Coordinator? (•) Yes ( ) No

Regional Water Planning Group: C

Groundwater Conservation District: 63

Our records indicate that you:

- [x] Received financial assistance of $500,000 or more from TWDB
- [ ] Have 3,300 or more retail connections
- [ ] Have a surface water right with TCEQ

	Historic 5 Year Average	Baseline	5-Year Goal for Year 2029	10-Year Goal for Year 2034
Total GPCD	76	91	81	78
Residential GPCD	58	66	63	60
Water Loss GPCD	8	16	10	9

1. Total GPCD = (Total Gallons in System ÷ Permanent Population) ÷ 365
2. Residential GPCD = (Gallons Used for Residential Use ÷ Residential Population) ÷ 365
3. Water Loss GPCD = (Total Water Loss ÷ Permanent Population) ÷ 365

Water Conservation Plan

The Water Conservation Plan outlines the City of Everman's water conservation program. The plan's objective is to reduce the quantity required for water using activities, insofar as is practical, through the implementation of efficient water practices. The City of Everman will revise this Plan as needed to meet objectives requested by the Texas Commission on Environmental Quality (30 TAC 288), regional water planning groups, the City of Fort Worth and to meet the goals stated in this Plan. This Plan shall be administered by the Director of Public Works of the City of Everman or his/her duly appointed representative.

1. Utility Profile

Incorporated on July 7, 1945, Everman covers approximately 1.96 square miles and is located in southern Tarrant County, adjacent to the City of Fort Worth. Everman produces all the potable water used by the City from water wells. The City of Fort Worth treats all the sanitary waste generated by the City of Everman. The stormwater is carried into Village Creek which runs through the City, using a combination of closed systems and open ditches. This creek ultimately discharges into Village Creek, then Lake Arlington. A commercial contractor provides for solid waste pickup and disposal.

2. Program Goal

The objective of this Plan is to reduce the per capita consumption of water, which is a finite resource. Many communities throughout the United States have used water conservation measures to successfully cope with various water and wastewater problems. Reductions in water use of as much as twenty-five percent (25 %) have been achieved, but the normal range is five to fifteen percent (5 – 15%). The Water Conservation Plan voluntary goal is a one percent (1 %) reduction, which is 0.66 gallons per capita per day. Everman's water is provided by water wells within the city, with an emergency connection to the City of Fort Worth's water system.

3. Water Conservation Plan

There are many elements to be considered when developing a water conservation plan. The principle water conservation methods to be considered in preparing this water conservation plan are:

- Public Education and Information Program
- Water Conservation Rate Structure
- Universal Metering and Meter Repair/Replacement Program
- Water Audits and Leak Detection

- Additional Water Conservation Strategies
- Plan Implementation and Enforcement
- Periodic Review and Annual Reporting

3.1 Education and Information

The City recognizes that water conservation significantly benefits individuals and communities in terms of long-term program availability and costs. The most readily available and lowest cost method of promoting water conservation is to inform the retail water users about ways to save water in homes and businesses, in landscaping and lawn uses, and in recreational uses. The City will provide the information to retail customers in the following manner:

3.1.1 Initial Year Program

- The public education program during the initial year includes all the activities outlined in the Long-Term Program below, plus:
- Publication of a City newsletter article explaining the Water Conservation Plan, and
- One additional distribution of educational material in the form of a newsletter article, mail-out or information added to the water bill.

3.1.2 Long-Term Program

- Distribution of educational materials from the American Water Works Association (AWWA), Texas Water Development Board (TWDB), Texas Commission on Environmental Quality (TCEQ), and others will be timed to correspond with peak summer demand periods. These notifications may be made by publication in the City newsletter.
- New retail customers will be provided with water conservation literature when applying for service. An example of this may be found in Appendix B.

3.2 Water Conservation Rate Structure

The City will periodically review respective retail water rate structures to insure that the prevailing rates encourage water conservation while covering the total cost of service and minimizing adverse impacts. The City will consider the adoption of rates which incorporate an increasing block rate, continuously increasing rates, peak or seasonal load rates, excess use fees or other appropriate rate forms.

3.3 Universal Metering and Meter Repair/Replacement

All water users including residential, commercial, industrial and public facilities are metered using Kamstrup meters. All meters are less than 2-years-old. A regular scheduled maintenance program of meter testing, repair and replacement will be established in accordance with the following schedule:

Meter Size (inches)	Test Frequency (years)
4 and larger	1
1 ½ to 4	4
1 ½ and smaller	10

Water meters shall also be tested for accuracy as requested by customers or when internal audits show a dramatic water use change from previous months.

Each drinking water well in the system is metered separately at the well head. The combined measured flow through all of the well meters functions as Everman's master meter to aid in accounting for water loss in the system.

3.4 Water Audits and Leak Detection

The City will continue its on-going leak detection, location and repair programs. Water main and service line breaks are detected by abnormally high customer water use and by utility personnel while reading meters, while performing maintenance on the water system and while performing other routine surveillance programs. Daily logs of work orders for system maintenance and repairs are filed electronically for documentation purposes.

Additionally, water audits shall be utilized to determine if leaks exist which have gone undetected. The City shall conduct water audits monthly with an annual compilation, to compare water purchased verses water sold. The Utility Evaluation Data form may be found in Appendix A. This form will be revised as needed to properly evaluate the system.

3.5 Additional Water Conservation Strategies

The City shall utilize the following strategies to achieve the water conservation goals of the plan.

- Conservation-oriented water rates and water rate structures such as uniform or increasing block rate schedules, and/or seasonal rates, but not flat rate or decreasing block rates.
- Adoption of ordinances, plumbing codes, and/or rules requiring water-conservation plumbing fixtures to be installed in new structures and existing structures undergoing substantial modification or addition.
- Program and/or ordinance(s) for landscape water management.
- A method for monitoring the effectiveness and efficiency of the water conservation plan. This will be achieved by performing the monthly water audit.
- Any other water conservation practice, method, or technique that the water supplier shows to be appropriate for achieving the stated goal or goals of the water conservation plan.

3.6 Implementation and Enforcement

The Director of Public Works or his/her duly appointed representative will act as the Administrator of the Water Conservation Plan. The Administrator will oversee the execution and implementation of all elements of the Plan. The Administrator will also be responsible for overseeing records of program implementation. The City Council has enacted appropriate ordinances to enforce this Plan.

3.7 Periodic Review and Annual Reporting

The City of Everman will review this Plan and prepare annual reports as required by TWDB and TCEQ. The Plan will also be updated as appropriate.

The City of Fort Worth and other regional water providers (North Texas Municipal Water District, Tarrant Regional Water District, Upper Trinity Regional Water District, the Trinity River Authority and the city of Dallas) have collaborated and agreed upon implementing a year round no more than twice per week watering schedule. The city will have a mandatory twice per week water schedule similar to Stage 1 of its drought plan. The schedule is included as Table 4.1.

Table 4.1: Schedule of Watering	
No Watering on Mondays	
Last Digit of Address	**Allowed Watering Dates**
Even Number (0,2,4,6,8)	Wednesday & Saturday
Odd number(1,3,5,7,9)	Thursday & Sunday
All non-residential	Tuesdays & Fridays

No watering will be allowed on the Mondays. These restrictions also apply to government facilities.

Appendix A

Utility Evaluation Data Form

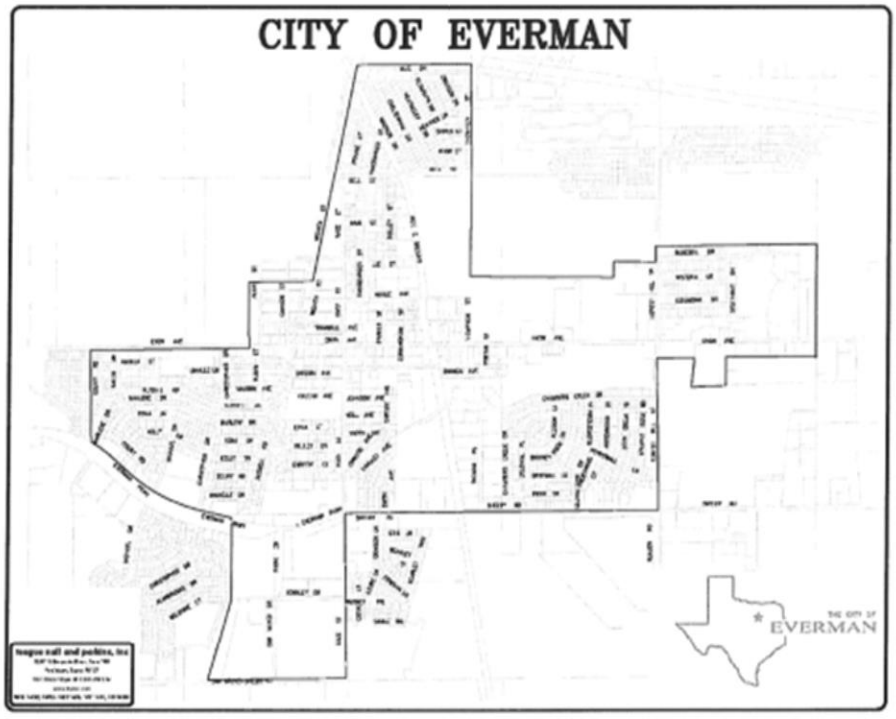
Utility Evaluation Data Form

The following data form provides a convenient format to insure that the most important information needed for the development of water conservation and emergency water demand management plans are considered.

Water Supply and Distribution System Information

A. Population of Service Area 6,279

B. Size of Service Area 1.96 square miles



C. Water Production and Sales Information

a. Water supplied (water produced from your own wells, diverted and treated from a lake or stream, purchased from another utility, etc.) during the last year (2024): 196,968,367 (gal/yr)

b. Average water supplied for last three (3) years (2022-2024): 181,703,749 (gal/yr)

c. Estimated monthly water sales by Category by User Category for the Last year (2024) in 1,000s of gallons (based on customer meters).

Month	Residential	Commercial	City	Total
January	8,249,040	2,606,377	99,753	10,955,170
February	9,272,722	2,859,683	66,302	12,198,707
March	9,514,645	3,016,468	78,582	12,609,695
April	7,826,931	2,088,037	40,983	9,955,951
May	9,185,150	2,386,040	57,588	11,628,778
June	10,393,941	2,730,426	54,925	13,179,292
July	9,916,777	2,167,191	101,668	12,185,636
August	13,185,085	2,330,318	66,129	15,581,532
September	14,759,298	2,794,597	62,543	17,616,438
October	12,774,263	2,601,554	46,932	15,422,749
November	11,912,248	2,643,087	53,942	14,609,277
December	12,000,973	3,333,099	47,807	15,381,879
TOTAL	128,991,073	31,556,877	777,154	161,325,104

d. Highest daily water use (production) on record for the system: 607 M (gal/day)

e. Peak daily (06/30/13) use (production) for the last year (2024): 607 M (gal/day)

f. Unaccounted for water:

(Production-Sales-City) / Production x 100 = 6.19 % unaccounted for water

D. Number and type (residential, commercial, industrial) of water connections in service area. These numbers are averaged across the year.

a. Residential 2,065

b. Commercial 125

c. City / Institutional 24

d. Industrial 13

e. Wholesale 0

E. Net gain (loss) of new connections per year (2024 connections – 2023 connections)

a. Residential +140

b. Commercial -1

c. City Institutional +4

d. Industrial 0

e. Wholesale 0

F. Source of Water (list the sources and relative volumes of water used from each source on an annual basis).

a. Source 1 – Everman Water Wells Volume of Water – 100 %

G. Safe Annual Yield of Water Supply: 275,000,000

H. Design Capacity of the System: 2.56 million gallon storage capacity within Everman

I. Major High-Volume Customers (2024)

Customer	Use (in 1000 gal/yr)
Paradise Apartments 2	21,305
Paradise Apartments 1	5,948
Wash World	3,297
Advanced Cast Stone	2,692
Advanced Cast Stone	511

J. Population and Water Use Projections as of 2024:

Year	Population	Water Use (1000 gal/yr)
2024	6,279	196,968
2030	7,071	221,812
2040	8,000	248444
2050	8,000	245,960

Wastewater System Information

A. Service Area Information

a. Percent of your potable water customers sewered by your utility's wastewater treatment system? 0%, Everman gravity flows the sewage to Fort Worth for treatment.

b. Percent of your utility's potable water customers who have septic tanks or other privately operated sewage disposal systems. 0.36 % (8 systems out of 2,227 systems)

c. Percent of potable water customers sewered by another wastewater treatment utility? 99.64 % (2219 systems out of 2,227 systems)

B. Wastewater System Capacity Information

a. Average daily volume of wastewater treated for most recent year (2024): 0%, since Everman does not treat the wastewater

b. Peak daily wastewater volumes during the last year (2024): N/A

c. Wastewater treatment system permitted capacity:

i. Average daily capacity: N/A (gal/day)

ii. Maximum daily capacity: N/A (gal/day)

C. Estimated percent of wastewater flows to your treatment plant that originate from the following categories:

a. Residential	N/A %
b. Industrial and Manufacturing	N/A %
c. Commercial/Institutional	N/A %
d. Stormwater	N/A %
e. Other	N/A %

Water Bill Calculation

2025 Rates Effective Date

Services and Rate Schedule

Account Type	Rate Code	Inside/ Outside City	Base Rate by Meter Size (Includes First 1000 Gal)								Step Rate per 1000 Gallons Consumption			
			3/4"	1"	1.5"	2"	3"	4"	6"	8"	2000-6000	6000-10000	11000-25000	25000+
Residential	1	Inside	$ 38.13	$ 41.64	$ 69.67	$ 111.86	$ 210.40	$ 384.90	$ -	$ -	$ 4.36	$ 4.59	$ 4.98	$ 5.20
	1	Outside	$ 44.10	$ 57.82	$ -	$ -	$ -	$ -	$ -	$ -	$ 4.88	$ 5.26	$ 5.70	$ 5.96
Commercial	2	Inside	$ 38.57	$ 53.80	$ 88.93	$ 139.18	$ 225.34	$ 435.97	$ 776.39	$ 1,508.37	$ 4.36	$ 4.59	$ 4.98	$ 5.20
	2	Outside	$ 52.50	$ 67.74	$ 102.26	$ 142.12	$ 298.17	$ 648.90	$ 790.22	$ 1,520.31	$ 4.88	$ 5.26	$ 5.70	$ 5.96
Senior Citizen	3	Inside	$ 38.14	$ 23.66	$ 57.20	$ -	$ -	$ -	$ -	$ -	$ 4.36	$ 4.59	$ 4.98	$ 5.20
	3	Outside	$ 30.72	$ 35.39	$ 58.78	$ -	$ -	$ -	$ -	$ -	$ 4.88	$ 5.26	$ 5.70	$ 5.96
Multi-Unit	9	Inside	$ 38.13	$ 41.64	$ 69.67	$ 111.86	$ 210.40	$ 384.90	$ -	$ -	$ 4.36	$ 4.59	$ 4.98	$ 5.20
	9	Outside	$ 44.10	$ 57.82	$ -	$ -	$ -	$ -	$ -	$ -	$ 4.88	$ 5.26	$ 5.70	$ 5.96
			All Base Rates Increased By 5%											

Service	Service Code	Account Type	Rate Code	Base Rate	Step Rate per 1000	Consumption Basis
SEWER	SW	Residential	1	$ 30.68	$ 3.26	Actual Water Use
		Commercial	2	$ 53.65	$ 3.85	Actual Water Use
		Senior Cit	3	$ 21.77	$ 3.39	Actual Water Use

Service	Service Code	Account Type	Rate Code	Base Rate
Refuse	RF	Residential	1	$ 21.70
		Commercial	2	$ 35.11
		Senior Cit	3	$ 20.20

Sales TAX	TX	All	8.25% of RF
Recycle	RCY	All	Amount is included in Refuse total
Penalty	PN	All	10.00% of Past Due Balances
Service Charge	SC	All	$50 Involuntary Cutoff $50 Extension Fee
NSF Check Fee	NSF	All	$34 each Insufficient Funds Check or Draft
Transfer Fee	TF	All	$15 transfer service to new address
Water Dep	WTD	All	Based on the amount of the new Water Deposit
Any other charge	OT	All	Variable amounts

Utility Financial Operations Information

A. Water or Wastewater Rate Structure (Attach copies of rates)

B. Sources of Revenue for the Utility

   a. Percent of annual revenues from water or wastewater rates: 95 %

   b. Percent of annual revenues from all other sources (taxes, general revenue, etc.): 5 %

C. Annual Operating Costs

   a. Average Annual Operating Costs: $ 1,980,000

   b. Percentage of average annual operating costs that are fixed costs: 25 %

   c. Percentage of average annual operating costs that are variable costs: 75%

Other Applicable Information

A. Copies of applicable local regulations relating to Water Conservation and Emergency Water Demand Management Planning. (attach copies)

B. Other applicable documents. (attach copies)

Appendix B

Water Conservation Methods

Water Conservation Methods That Can Be Practiced By The Individual Water User

In-home water use accounts for an average of sixty-five percent (65%) of total residential use, while the remaining thirty-five percent (35 %) is used for exterior residential purposes such as lawn watering and car washing. Average residential in-home water use data indicates that about forty percent (40 %) is used for toilet flushing, thirty-five percent (35 %) for bathing, eleven percent (11 %) for kitchen uses, and fourteen percent (14 %) for laundry. Water saving methods that can be practiced by the individual water user are listed below.

A. Bathroom

1. Take a shower instead of filling the tub and taking a bath. Showers usually use less water than baths.

2. Install a low-flow showerhead that restricts the quantity of flow at 60 psi to not more than 3.0 gallons per minute.

3. Take short showers and install a cutoff valve or turn the water off while soaping and back on again only to rinse.

4. Do not use hot water when cold water will do. Washing hands with soap and cold water can save water and energy; hot water should only be added when hands are especially dirty.

5. Reduce the level of the water being used in a bathtub by one or two inches if a shower is not available.

6. Turn water off when brushing teeth until it is time to rinse.

7. Do not let the water run when washing hands. Instead, hands should be wet and water should be turned off while soaping and scrubbing and turned on again to rinse. A cutoff valve may also be installed on the faucet.

8. Shampoo hair in the shower. Shampooing in the shower takes only a little more water than is used to shampoo hair during a bath and much less than shampooing and bathing separately.

9. Hold hot water in the basin when shaving instead of letting the faucet continue to run.

10. Test toilets for leaks. To test for a leak, a few drops of food coloring can be added to the water in the tank. The toilet should not be flushed. The customer can then watch to see if the coloring appears in the bowl within a few minutes. If it does, the fixture needs adjustment or repair.

11. Use a toilet tank displacement device. A one-gallon plastic milk bottle can be filled with stones or water, recapped and placed in the toilet tank. This will reduce the amount of water in the tank but provide enough for flushing. (Bricks are not recommended since they eventually crumble and could damage the working mechanism, necessitating a call to the plumber.) Displacement devices should never be used with new low-volume flush toilets.

12. Install faucet aerators to reduce water consumption.

13. Never use the toilet to dispose of cleansing tissues, cigarette butts or other trash. This can waste a great deal of water and also places an unnecessary load on the sewage treatment plant or septic tank.

14. Install a new low-volume flush toilet that uses a 3.5 gallons or less per flush when building a new home or remodeling a bathroom.

B. Kitchen

1. Use a pan of water (or place a stopper in the sink) for rinsing pots and pans and cooking implements when cooking rather than turning on the water faucet each time a rinse is needed.

2. Never run the dishwasher unless it is fully loaded. This saves water, energy and the expensive detergent will last longer.

3. Use the sink disposal sparingly, and never use it for just a few scraps.

4. Keep a container of drinking water in the refrigerator. Running water from the tap until it is cool wastes water. Better still, keeping the water in picnic jug on the kitchen counter to avoid opening the refrigerator door saves both water and energy.

5. Use a small pan of water when cleaning vegetables rather than letting the faucet run.

6. Use only a little water in the pot and put a lid on it for cooking most food. Not only does this method save water, but also the food is more nutritious since vitamins and minerals are not poured down the drain with extra cooking water.

7. Use a pan of water for rinsing when hand washing dishes rather than running the faucet.

8. Always keep water conservation in mind and think of other ways to save in the kitchen. Small kitchen savings from not making too much coffee or letting ice cubes melt in a sink can add up in year's time.

C. Laundry

1. Wash only a full load when using an automatic washing machine (32 to 59 gallons of water are required per load).

2. Use the lowest water level setting on the washing machine for light loads whenever possible.

3. Use cold water as often as possible to save energy and to conserve the hot water for uses which cold water cannot serve. (This is also better for clothing made of today's synthetic fabrics.)

D. For Appliances and Plumbing

1. Check water requirements of various models and brands when considering purchasing any new appliance that uses water. Some use less water than others.

2. Check all water line connections and faucets for leaks. A slow drip can waste as much as 170 gallons of water EACH DAY or 5,000 gallons per month, and can add as much as $5-$10 per month to the water bill.

3. Learn to replace the faucet washers so that drips can be promptly corrected. It is easy to do, costs very little and can represent a substantial amount saved in plumbing and water bills.

4. Check for water leakage that the customer may be entirely unaware of, such as a leak between the water meter and the house. To check, turn off all indoor and outdoor faucets and check the water meter. If the meter continues to turn, a leak probably exists and needs to be located.

5. Be sure the hot water heater thermostat is not set too high. Extremely hot settings waste water and energy because the water often has to be cooled with cold water before it can be used.

6. Use a moisture meter to determine when houseplants need water. More plants die from over watering than from being on the dry side. Also, moisture-retaining gel packs can be added to potting soil to help retain moisture.

E. Out Door Use

1. Water lawns early in the morning during the hotter summer months. Much of the water used on the lawn during the heat of the day can simply evaporate before it gets on the grass.

2. Use a sprinkler that produces large drops of water rather than a fine mist to avoid evaporation.

3. Turn soaker hoses so the holes are on the bottom to avoid evaporation.

4. Water slowly for better absorption, and never water in high winds.

5. Forget about watering the streets, sidewalks or driveways. They won't grow anything.

6. Condition the soil with compost before planting grass or flowers so that water will soak in rather than run off.

7. Fertilize lawns at least twice a year for root stimulation. Grass with a good root system makes better use of less water.

8. Learn to know when grass needs watering. Water when the grass turns a dull gray green color or if footprints remain visible.

9. Do not water too frequently. Too much water can overload the soil so that air cannot get to the roots and can encourage plant diseases.

10. Do not over water. Soil can absorb only so much moisture and the rest simply runs off. A timer will help. An inch and one-half of water applied once a week will keep most Texas grasses alive and healthy.

11. Operate an automatic sprinkler only when the demand on the city's water supply is the lowest. Set the system to operate between 4:00 am and 6:00 am.

12. Do not scalp lawns when mowing during hot weather. Taller grass holds moisture better. Grass should be cut fairly often so that only ½ to ¾ inches are trimmed off.

13. Use a watering can or hand water with the hose in small areas of the lawn that need more frequent watering (those near walks or driveways or in especially hot, sunny spots).

14. Learn what types of grass, shrubbery and plants do the best in the area and in which parts of the lawn, and then plant accordingly. If one has a heavily shaded yard, no amount of water will make roses bloom. In especially dry sections of the state, attractive arrangements of plants that are adapted to arid to semi-arid climates should be chosen.

15. Consider decorating areas of the lawn with rocks, gravel, wood chips or other materials now available that require no water at all. Check with the City Planning Department for restrictions.

16. Do not "sweep" walks and driveways with the hose. Use a broom instead.

17. Use a bucket of soapy water and use the hose only for rinsing when washing the car.