



## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### Contact Information

Name of Utility: City of Karnes City

Public Water Supply Identification Number (PWS ID): TX1280001

Contact: First Name: Veronica Last Name: Butler  
Title: City Manager

Address: P.O. Box 310 City: Karnes City State: Texas  
Zip Code: 78118 Zip+4: \_\_\_\_\_ Email: karnescity@cityofkctx.com  
Telephone Number: 830-780-3422 Date: 4/29/2026

Is this person the designated Conservation Coordinator?  Yes  No

Regional Water Planning Group: L  
Groundwater Conservation District: EUWCD

Our records indicate that your entity:

- 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: 2.32

## 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
2025	3,627	0	3,627
2024	3,620	0	3,620
2023	3,610	0	3,610
2022	3,597	0	3,597
2021	3,589	0	3,589
<b>Average</b>	3,609		

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	3,677	0	3,677
2040	3,827	0	3,827
2050	3,927	0	3,927
2060	4,027	0	4,027
2070	4,127	0	4,127

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

Estimating projected populations by the past growth patterns.



## 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
<b>2025</b>	149,051,000	0	0	149,051,000	113
<b>2024</b>	154,496,000	0	0	154,496,000	117
<b>2023</b>	129,224,000	0	0	129,224,000	98
<b>2022</b>	137,415,000	0	0	137,415,000	105
<b>2021</b>	132,584,000	0	0	132,584,000	101
<b>Historic 5-year Average</b>	140,554,000	0	0	140,554,000	107

### C. Water Supply System

- 1. Designed daily capacity of system in gallons 1,000,000

---

- 2. Storage Capacity

  - 2a. Elevated storage in gallons: 750,000

---

  - 2b. Ground storage in gallons: 1,000,000

---

### D. Projected Demands

1. Estimate the water supply requirements for the next ten years using population trends, historical water use, economic growth, etc. The 5 and 10 year projections must align with your 5 & 10 year targets and goals.

Year	Population	Water Demand (gallons)	GPCD
<b>2027</b>	3,647	290,229	0
<b>2028</b>	3,657	391,299	0
<b>2029</b>	3,667	392,369	0
<b>2030</b>	3,677	393,439	0
<b>2031</b>	3,687	394,509	0
<b>2032</b>	3,697	395,579	0

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

<b>2033</b>	3,707	396,649	0
<b>2034</b>	3,717	397,719	0
<b>2035</b>	3,727	398,789	0
<b>2036</b>	3,737	399,859	0

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

Water demand were determined off the average GPCD of 107

### E. High Volume Customers

Please attach a list of the annual water use for the five highest RETAIL customers by volume and include customer name, water use category, and water type (Treated/Raw).

### 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	1,208	86.22%
Residential - Multi-Family	6	0.43%
Industrial	30	2.14%
Commercial	157	11.21%
Institutional	0	0.00%
Agricultural	0	0.00%
<b>Total</b>	1,401	100.00%

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

2. Net number of retail water supplier connections, installed and removed, by water use category per year for the previous five years.

Net Number of Retail Water Supplier Connections							
Year	Residential - Single Family	Residential - Multi-Family	Industrial	Commercial	Institutional	Agricultural	Total
2025	1,208	6	30	157	0	0	1,401
2024	1,212	7	41	162	0	0	1,422
2023	1,213	12	6	173	24	0	1,428
2022	1,213	12	6	173	24	0	1,428
2021	1,193	8	6	148	21	0	1,376

### B. Annual and Seasonal Use

1. Gallons of RETAIL water provided to each major water use category. These volumes come from the previous five years of water use survey data. If a field is open to edit, please enter the volumes.

Year	Residential - Single Family	Residential - Multi-Family	Industrial	Commercial	Institutional	Agricultural	Total
2025	71,085,000	2,438,900	7,810,900	43,354,600	0	0	124,689,400
2024	68,676,000	3,933,700	39,202,000	9,695,000	0	0	121,506,700
2023	73,872,800	2,691,300	155,700	15,108,000	2,985,400	0	94,813,200
2022	73,872,800	3,691,300	155,700	15,108,000	2,985,400	0	95,813,200
2021	69,551,000	2,248,600	175,500	10,133,000	2,248,600	0	84,356,700



## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

2. The gallons of water billed and metered to RETAIL customers for the previous five years. The total for each year should match the total for each year in the accounting table.

Month	Total Gallons of Treated Water				
	2025	2024	2023	2022	2021
January	12,080,000	11,918,000	8,933,000	8,715,000	10,111,000
February	10,877,000	9,897,000	8,842,000	7,845,000	13,070,000
March	12,288,000	11,505,000	9,608,000	9,205,000	9,673,000
April	10,570,000	11,527,000	9,106,000	10,950,000	9,905,000
May	11,935,000	14,072,000	9,963,000	12,499,000	11,051,000
June	11,852,000	16,439,000	11,649,000	13,406,000	12,401,000
July	13,633,000	14,401,000	14,502,000	14,504,000	12,024,000
August	15,191,000	14,376,000	16,289,000	13,574,000	12,917,000
September	13,834,000	12,480,000	13,431,000	11,375,000	13,536,000
October	13,260,000	14,393,000	9,991,000	14,292,000	11,751,000
November	11,709,000	11,849,000	7,623,000	9,023,000	8,701,000
December	11,822,000	11,639,000	9,287,000	12,027,000	7,444,000
<b>Total</b>	149,051,000	154,496,000	129,224,000	137,415,000	132,584,000

3. Summary of seasonal and annual water use.

	Summer RETAIL (Treated)	Total RETAIL (Treated)
2025	54,510,000	149,051,000
2024	57,696,000	154,496,000
2023	55,871,000	129,224,000
2022	52,859,000	137,415,000
2021	50,878,000	132,584,000
<b>Average in Gallons</b>	54,362,800	139,065,200

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### 4. 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)
2025	408,359	592,500	1.45
2024	423,277	627,130	1.48
2023	354,038	607,293	1.72
2022	376,479	574,554	1.53
2021	363,244	553,022	1.52

### 5. Summary of Historic Water Use

Water Use Category	Historic Average	Percent of Connections	Percent of Water Use
Residential - Single Family	71,411,520	86.22%	68.51%
Residential - Multi-Family	3,000,760	0.43%	2.88%
Industrial	9,499,960	2.14%	9.11%
Commercial	18,679,720	11.21%	17.92%
Institutional	1,643,880	0.00%	1.58%
Agricultural	0	0.00%	0.00%
<b>Total</b>	<b>104,235,840</b>	<b>100.00%</b>	<b>100.00%</b>

### C. Residential Water Use

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

Year	Total Residential GPCD
2025	56
2024	52
2023	56
2022	59
2021	55
<b>Historic Average</b>	<b>56</b>

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### D. Water Loss

Water loss data for the previous five years.

Year	Total Water Loss in Gallons	Water Loss in GPCD
2025	24,361,600	18
2024	32,989,300	25
2023	34,410,800	26
2022	41,601,800	32
2021	48,227,300	37
<b>Average</b>	36,318,160	28

### E. 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
<b>Municipal</b>	0	0	0	0.00%
<b>Industrial</b>	0	0	0	0.00%
<b>Commercial</b>	0	0	0	0.00%
<b>Institutional</b>	0	0	0	0.00%
<b>Agricultural</b>	0	0	0	0.00%
<b>Total</b>	0	0	0	0.00%

3. Percentage of water serviced by the wastewater system: 0.00%

## 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				
	2025	2024	2023	2022	2021
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0		0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0
<b>Total</b>	0	0	0	0	0

5. Could treated wastewater be substituted for potable water?

- Yes     
  No

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### 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	0
Plant wash down	0
Chlorination/de-chlorination	0
Industrial	0
Landscape irrigation (park,golf courses)	0
Agricultural	0
Discharge to surface water	0
Evaporation Pond	0
Other	0
<b>Total</b>	<b>0</b>

### C. Wastewater System Data Comment

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

---