



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
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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

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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
Average	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.

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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
2025	149,051,000	0	0	149,051,000	113
2024	154,496,000	0	0	154,496,000	117
2023	129,224,000	0	0	129,224,000	98
2022	137,415,000	0	0	137,415,000	105
2021	132,584,000	0	0	132,584,000	101
Historic 5-year Average	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
2027	3,647	290,229	0
2028	3,657	391,299	0
2029	3,667	392,369	0
2030	3,677	393,439	0
2031	3,687	394,509	0
2032	3,697	395,579	0

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2033	3,707	396,649	0
2034	3,717	397,719	0
2035	3,727	398,789	0
2036	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%
Total	1,401	100.00%

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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

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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	9,005,700	10,216,900	6,882,300	6,722,400	5,624,700
February	8,578,100	8,522,200	7,135,000	4,706,000	9,725,600
March	9,739,400	7,015,300	5,274,800	6,561,100	3,786,700
April	8,994,900	6,301,900	6,005,300	8,016,100	7,093,900
May	8,354,900	8,285,300	5,908,600	8,271,000	6,402,500
June	10,577,300	13,807,400	8,088,500	10,205,100	7,544,400
July	11,835,200	12,020,600	12,228,900	11,322,000	6,942,400
August	13,687,000	12,777,900	14,243,400	10,610,200	7,279,300
September	12,564,500	10,944,800	9,445,500	8,726,900	9,326,300
October	10,564,400	12,219,700	7,890,900	7,907,500	7,140,800
November	9,862,500	10,268,700	6,282,200	6,578,900	7,861,800
December	10,925,500	9,126,000	5,427,800	6,186,000	5,628,300
Total	124,689,400	121,506,700	94,813,200	95,813,200	84,356,700

3. Summary of seasonal and annual water use.

	Summer RETAIL (Treated)	Total RETAIL (Treated)
2025	48,664,000	124,689,400
2024	49,550,700	121,506,700
2023	44,006,300	94,813,200
2022	40,864,200	95,813,200
2021	31,092,400	84,356,700
Average in Gallons	42,913,220	104,313,540

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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	341,615	528,957	1.55
2024	332,895	538,595	1.62
2023	259,762	471,975	1.70
2022	333,353	574,554	1.72
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%
Total	104,235,840	100.00%	100.00%

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
Historic Average	56

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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
Average	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
Municipal	0	0	0	0.00%
Industrial	0	0	0	0.00%
Commercial	0	0	0	0.00%
Institutional	0	0	0	0.00%
Agricultural	0	0	0	0.00%
Total	0	0	0	0.00%

3. Percentage of water serviced by the wastewater system:

0.00%

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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
Total	0	0	0	0	0

5. Could treated wastewater be substituted for potable water?

☐ Yes
 ☒ No

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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
Total	0

C. Wastewater System Data Comment

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