

### PROJECT FUNDING REQUEST

**BOARD DATE:** May 8, 2025

Team Manager: Joe Koen

### ACTION REQUESTED

Consider approving by resolution a request from the Greater Texoma Utility Authority on behalf of Ravenna-Nunnelee Water Supply Corporation (Fannin County) for \$3,140,000 in financing from the Texas Water Development Fund for planning, design, and construction of a water system improvement project.

### STAFF RECOMMENDATION

Approve I No Action

### BACKGROUND

The Greater Texoma Utility Authority (Authority) provides its member cities with assistance in financing and construction of water and wastewater facilities. The Authority may also be requested to provide operations services for water and wastewater facilities by member cities and others.

Ravenna-Nunnelee Water Supply Corporation (Corporation) is located in Fannin County approximately 70 miles northeast of Dallas, Texas. The Corporation provides water services to a population of approximately 985 residents and 350 connections.

### **PROJECT NEED AND DESCRIPTION**

The Corporation has performed a review of the existing water system and determined that the system has many deficiencies that would fall into Texas Commission on Environmental Quality (TCEQ) violations. The water system has undersized lines which result in low pressure during high water usage, and water loss is reported to be greater than 25%. The exiting wells and pump stations do not comply with Texas water code standards for emergency operations. The fencing and gates at the office well site and the two pump station sites are in disrepair and are currently a security and safety concern.

The Corporation proposes to design and construct modifications to the water system to address the multiple potential TCEQ violations. These modifications include replacing approximately 37,000 linear feet of water lines, installing emergency generators at well and pump stations, and repair and upgrade the fencing around the well and pump stations

### **PROJECT SCHEDULE**

Task	Schedule Date
Closing	September 15, 2025
Engineering Feasibility Report Completion	December 1, 2025
(End of Planning Phase)	
Design Phase Completion	April 30, 2026
Start of Construction	June 30, 2026
Construction Completion	June 30, 2027

### **KEY ISSUES**

Greater Texoma Utility Authority, on behalf of the Corporation, is requesting to fund the bond reserve fund with bond proceeds.

### **LEGAL/SPECIAL CONDITIONS**

• Adopt water conservation plan

Attachments:

- 1. Financial Review
- 2. Project Budget
- Resolution (25 )
  Water Conservation Review
- 5. Location Map

# Financial Review GTUA Ravenna- Nunnelee WSC

Risk Score: 2C

Audit Reviewed: FY 2023

### **Key Indicators**

Indicator	Result	Benchmark
Population Growth, Average Annual 2010-2020	County: 0.50%	State: 1.49%
Top 10 Customers % of Total Revenue	13%	10-15%
Median Household Income as % of State	90%	100%
Days of Cash on Hand (3-year Average)	180 days	30-149 days
Net Fixed Assets/ Annual Depreciation	10 years	12-24 years
Debt Service Coverage Ratio	0.29x	1.0x
Debt-to-Operating Revenues	11.43	4.00-5.99x
Unemployment Rate (January 2025)	County: 3.8%	State:5.30%
Working Capital Ratio	3.49	> 1.0

### **Key Risk Score Strengths**

- The Corporation has a low percentage of revenue derived from its top ten customers, indicating a well-diversified customer base that reduces reliance on any single entity.
- The Corporation's days of cash on hand exceed the state benchmark, indicating a strong liquidity position and is well positioned to handle fiscal emergencies without relying on additional revenue.
- A high working capital ratio provides the Corporation with ample resources to cover short-term liabilities and shows a strong liquidity position with over 180 days' cash.

### Key Risk Score Concerns

- The Corporation's debt service coverage falls below the recommended threshold, indicating potential challenges in meeting debt obligations with existing revenues. Projections show that a \$43.82 rate increase will be needed by fiscal year 2026 to achieve adequate coverage, ensuring financial stability and compliance with debt covenants.
- The Corporations' high debt to operating revenues ratio is due to the proposed obligations; however, due to its stable revenue history and strong liquidity, once the Corporation implements its rate increases, future debt service coverage concerns should be mitigated.
- Despite a high household cost factor, the Corporation maintains strong cash flow reflecting effective financial management and stable revenue stream.

### PLEDGE

Legal Pledge Name	Contract Revenues
Type of Pledge	□ Tax □ Revenue □ Tax & Revenue ⊠ Contract □ Other
Revenue Pledge Level	⊠ First □ Second □ Third □ N/A

### RATES AND CHARGES

Average Residential Use	Gallons/Month	Current Rates	Projected Rates	Current Household Cost Factor	Projected Household Cost Factor
Water	4,125	\$67.00	\$110.82	2.22	3.02
Wastewater	N/A	N/A	N/A	2.22	3.02

<u>Cost Savings</u> Based on a 30-year maturity schedule and current interest rates, the Corporation could save approximately \$516,364 over the life of the financing.



Joe Koen

Sarah Smaardyk

## **Project Data Summary**

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Responsible Authority	(	Greater Texoma UA				
Program	V	WDF				
Commitment Number	L	_1002118				
Project Number	2	21872				
List Year	2	2025				
Type of Pledge	C	Contract Revenue Ple	dge			
Pledge Level (if applicable)	F	First Lien				
Legal Description		\$3,140,000 GTUA-Ra Proposed Series 202		ontract Revenue Bonds,		
Tax-exempt or Taxable	T	Faxable				
Refinance	٩	No				
Outlay Requirement	٩	No				
Disbursement Method	E	Escrow				
Outlay Type	C	Outlay <> Escrow Rele	ease			
Qualifies as Disadvantaged	٩	No				
Financial Managerial & Technical Complete N/A						
Phases Funded      Planning, Design, and Construction						
Pre-Design	٢	Yes				
Project Consistent with State	Water Plan	Yes				
Water Conservation Plan	A	Approvable				
Overall Risk Score	2	2C				
		PROJECT TEAM				
Team Manager Fi	inancial Analyst	Engineering Reviewer	Environmental Reviewer	Attorney		

Jason Asbury

Kylie Beard

Marshall Walters

### ISSUE BEING EVALUATED FOR ILLUSTRATION PURPOSES ONLY GTUA Ravenna-Nunnelee WSC

<u>\$3,140,0</u>	00 GTUA-Ravenna	Nunnelee WSC Contract Revenue Bonds, Taxable Proposed	Series 2025
Dated Date:	9/15/2025	Source:	WDF
Delivery Date:	9/15/2025	Rate:	5.48%
First Interest:	5/15/2026	IUP Year:	2024
First Principal:	5/15/2026	Case:	Revenue
Last Principal:	5/15/2055	Admin.Fee:	<b>\$0</b>
Fiscal Year End:	12/31	Admin. Fee Payment Date:	N/A
<b>Required Coverage:</b>	1.0		

	PROJECTED	CURRENT	\$3,140,000 ISSUE					
FISCAL	NET SYSTEM	DEBT	PRINCIPAL	INTEREST	INTEREST	TOTAL	TOTAL DEBT	
YEAR	REVENUES	SERVICE	PAYMENT	RATE	PAYMENT	PAYMENT	SERVICE	COVERAGE
2026	\$240,159	\$0	\$45,000	4.55%	\$195,159	\$240,159	\$240,159	1.00
2027	214,959	-	50,000	4.60%	164,959	214,959	214,959	1.00
2028	212,659	-	50,000	4.60%	162,659	212,659	212,659	1.00
2029	215,228	-	55,000	4.66%	160,228	215,228	215,228	1.00
2030	212,637	-	55,000	4.76%	157,637	212,637	212,637	1.00
2031	214,879	-	60,000	4.83%	154,879	214,879	214,879	1.00
2032	211,966	-	60,000	4.88%	151,966	211,966	211,966	1.00
2033	213,887	-	65,000	4.97%	148,887	213,887	213,887	1.00
2034	215,515	-	70,000	5.02%	145,515	215,515	215,515	1.00
2035	211,983	-	70,000	5.07%	141,983	211,983	211,983	1.00
2036	213,289	-	75,000	5.12%	138,289	213,289	213,289	1.00
2037	214,301	-	80,000	5.17%	134,301	214,301	214,301	1.00
2038	210,145	-	80,000	5.22%	130,145	210,145	210,145	1.00
2039	210,817	-	85,000	5.27%	125,817	210,817	210,817	1.00
2040	211,183	-	90,000	5.32%	121,183	211,183	211,183	1.00
2041	211,215	-	95,000	5.42%	116,215	211,215	211,215	1.00
2042	210,930	-	100,000	5.42%	110,930	210,930	210,930	1.00
2043	210,375	-	105,000	5.42%	105,375	210,375	210,375	1.00
2044	214,413	-	115,000	5.42%	99,413	214,413	214,413	1.00
2045	213,044	-	120,000	5.42%	93,044	213,044	213,044	1.00
2046	211,342	-	125,000	5.52%	86,342	211,342	211,342	1.00
2047	209,304	-	130,000	5.52%	79,304	209,304	209,304	1.00
2048	211,852	-	140,000	5.52%	71,852	211,852	211,852	1.00
2049	208,986	-	145,000	5.52%	63,986	208,986	208,986	1.00
2050	210,706	-	155,000	5.52%	55,706	210,706	210,706	1.00
2051	211,816	-	165,000	5.59%	46,816	211,816	211,816	1.00
2052	212,313	-	175,000	5.59%	37,313	212,313	212,313	1.00
2053	207,391	-	180,000	5.59%	27,391	207,391	207,391	1.00
2054	211,910	-	195,000	5.59%	16,910	211,910	211,910	1.00
2055	210,730	-	205,000	5.59%	5,730	210,730	210,730	1.00
		\$0	\$3,140,000		\$3,249,929	\$6,389,929	\$6,389,929	

AVERAGE (MATURITY) LIFE	18.9 YEARS
NET INTEREST RATE	5.476%
COST SAVINGS	\$516,364
AVERAGE ANNUAL REQUIREMENT	\$212,998

Disclaimer: This is a working document and is provided as a courtesy. All information contained herein, including the proposed interest rate, is subject to change upon further review of the TWDB in accordance with 31 Texas Administrative Code Chapters 363, 371, 375, or 384, as applicable. The TWDB does not function as a financial advisor to anyone in connection with this financing. The information contained in this document is used by TWDB staff to analyze the application for financing is illustrative only and does not constitute any guaranty of future rates. The TWDB makes no claim regarding the applicability of the information at closing, at which time actual rates will be set.



## Current Budget Summary

### Greater Texoma UA

21872 - GTUA/Ravenna-Nunnelee WSC Water System Improvements

	Water System Improvements			
Budget Items	TWDB Funds	Total		
Construction				
Construction	\$1,793,100.00	\$1,793,100.00		
Subtotal for Construction	\$1,793,100.00	\$1,793,100.00		
Basic Engineering Services				
Construction Engineering	\$75,000.00	\$75,000.00		
Design	\$261,630.00	\$261,630.00		
Planning	\$100,000.00	\$100,000.00		
Subtotal for Basic Engineering Services	\$436,630.00	\$436,630.00		
Special Services				
Application	\$7,500.00	\$7,500.00		
Environmental	\$10,000.00	\$10,000.00		
Inspection	\$30,000.00	\$30,000.00		
Water Conservation Plan	\$2,500.00	\$2,500.00		
Subtotal for Special Services	\$50,000.00	\$50,000.00		
Fiscal Services				
Bond Counsel	\$29,175.00	\$29,175.00		
Bond Reserve Fund	\$373,875.00	\$373,875.00		
Financial Advisor	\$39,138.00	\$39,138.00		
Fiscal/Legal	\$7,985.00	\$7,985.00		
Issuance Costs	\$3,500.00	\$3,500.00		
Subtotal for Fiscal Services	\$453,673.00	\$453,673.00		
Other				
Administration	\$10,000.00	\$10,000.00		
Project Legal Expenses	\$3,000.00	\$3,000.00		
Subtotal for Other	\$13,000.00	\$13,000.00		
Contingency				
Contingency	\$393,597.00	\$393,597.00		
Subtotal for Contingency	\$393,597.00	\$393,597.00		
Total	\$3,140,000.00	\$3,140,000.00		

### A RESOLUTION OF THE TEXAS WATER DEVELOPMENT BOARD APPROVING AN APPLICATION FOR FINANCIAL ASSISTANCE IN THE AMOUNT OF \$3,140,000 TO GREATER TEXOMA UTILITY AUTHORITY FROM THE FINANCIAL ASSISTANCE ACCOUNT OF THE TEXAS WATER DEVELOPMENT FUND II THROUGH THE PROPOSED PURCHASE OF \$3,140,000 GREATER TEXOMA UTILITY AUTHORITY CONTRACT REVENUE BONDS, PROPOSED TAXABLE SERIES 2025 (RAVENNA-NUNNELEE WATER SUPPLY CORPORATION PROJECT)

(25-)

Recitals:

The Greater Texoma Utility Authority, located in Fannin County, Texas, (Authority), filed an application for financial assistance in the amount of \$3,140,000 from the Financial Assistance Account of the Texas Water Development Fund II, established by Texas Water Code § 17.959, to finance water system improvements, identified as Project No. 21872.

The Authority seeks financial assistance from the Texas Water Development Board (TWDB) in the amount of \$3,140,000 through the TWDB's purchase of \$3,140,000 Greater Texoma Utility Authority Contract Revenue Bonds, Proposed Taxable Series 2025 (Ravenna-Nunnelee Water Supply Corporation Projects) (together with all authorizing documents (Obligations)), all as is more specifically set forth in the application and in recommendations of the TWDB's staff.

The Authority has offered a pledge of contract revenue as sufficient security for the repayment of the Obligations.

The commitment is approved for funding under the TWDB's pre-design funding option, and initial and future releases of funds are subject to 31 TAC § 363.16.

In accordance with Texas Water Code § 17.124, the TWDB has considered all matters required by law and in particular the following:

- 1. the needs of the area to be served by the water supply project, the benefit of the water supply project to the area, the relationship of the water supply project to the overall, statewide water needs, and the relationship of the water supply project to the approved regional and state water plans; and
- 2. the availability of revenue to the Authority, from all sources, for the ultimate repayment of the cost of the water supply project, including interest.

### Findings:

1. The public interest requires state assistance in the water supply project, in accordance with Texas Water Code § 17.125(a)(1).

- 2. In its opinion the tax or revenue pledged by the Authority will be sufficient to meet all the Obligations assumed by the Authority during the succeeding period of not more than 50 years, in accordance with Texas Water Code § 17.125(a)(2).
- 3. The Authority, a wholesale supplier of water, has adopted a resolution affirming that it will coordinate with its retail providers to implement a water conservation program that will result in the more efficient use of water, that will meet reasonably anticipated local needs and conditions and that will incorporate those practices, techniques, or technologies prescribed by the Texas Water Code and TWDB's rules.
- 4. The application and financial assistance requested meet the requirements of Chapter 17, Subchapters D, E, and L, Water Code, and the TWDB's rules set forth in 31 TAC Chapter 363, Subchapter A.
- 5. The TWDB has approved a regional water plan for the region of the state that includes the area benefiting from the project and the needs to be addressed by the project will be addressed in a manner that is consistent with the approved regional and state water plans, as required by Texas Water Code § 16.053(j).
- 6. The current water audit required by Texas Water Code § 16.0121 has been completed by the Raveena-Nunnelee Water Supply Corporation (WSC) and filed with the TWDB, in accordance with Texas Water Code § 16.053(j).

NOW THEREFORE, based on these findings, the TWDB resolves:

A commitment is made by the TWDB to the Greater Texoma Utility Authority for financial assistance in the amount of \$3,140,000 from the Financial Assistance Account of the Texas Water Development Fund II, to be evidenced by the TWDB's purchase of \$3,140,000 Greater Texoma Utility Authority Contract Revenue Bonds, Proposed Taxable Series 2025 (Ravenna-Nunnelee Water Supply Corporation Projects). This commitment will expire on November 30, 2025.

This commitment is conditioned as follows:

Standard Conditions:

- 1. This commitment is contingent on a future sale of bonds by the TWDB or on the availability of funds on hand as determined by the TWDB.
- 2. This commitment is contingent upon the issuance of a written approving opinion of the Attorney General of the State of Texas stating that the Authority complied with all of the requirements of the laws under which the Obligations were issued; that the Obligations were issued in conformance with the Constitution and laws of the State of Texas; and that the Obligations are valid and binding obligations of the Authority.

- 3. This commitment is contingent upon the Authority's compliance with all applicable laws, rules, policies, and guidance (as these may be amended from time to time to adapt to a change in law, in circumstances, or any other legal requirement), including but not limited to 31 TAC Chapter 363.
- 4. The Obligations must provide that the Obligations can be called for early redemption only in inverse order of maturity, and on any date beginning on or after the first interest payment date that is 10 years from the dated date of the Obligations, at a redemption price of par, together with accrued interest to the date fixed for redemption.
- 5. The Obligations must provide that the Authority, or an obligated person for whom financial or operating data is presented to the TWDB in the application for financial assistance either individually or in combination with other issuers of the Authority's Obligations or obligated persons, will, at a minimum, covenant to comply with requirements for continuing disclosure on an ongoing basis substantially in the manner required by Securities and Exchange Commission (SEC) in 17 CFR § 240.15c2-12 (Rule 15c2-12) and determined as if the TWDB were a Participating Underwriter within the meaning of such rule, such continuing disclosure undertaking being for the benefit of the TWDB and the beneficial owners of the Authority's Obligations, if the TWDB sells or otherwise transfers such Obligations, and the beneficial owners of the TWDB's bonds if the Authority is an obligated person with respect to the bonds under SEC Rule 15c2-12.
- 6. The Obligations must require the Authority to use any surplus financial assistance proceeds from the Obligations remaining after completion of a final accounting in a manner approved by the Executive Administrator.
- 7. The Obligations must provide that the TWDB may exercise all remedies available to it in law or equity, and any provision of the Obligations that restricts or limits the TWDB's full exercise of these remedies will be of no force and effect.
- 8. Financial assistance proceeds are public funds. Therefore, the Obligations must require that these proceeds be held at a designated state depository institution or other properly chartered and authorized institution in accordance with the Public Funds Investment Act, Government Code, Chapter 2256 and the Public Funds Collateral Act, Government Code, Chapter 2257.
- 9. Proceeds of this commitment must not be used by the Authority when sampling, testing, removing, or disposing of contaminated soils or media at the project site. The Obligations must provide that the Authority is solely responsible for liability resulting from acts or omissions of the Authority, its employees, contractors, or agents arising from the sampling, analysis, transport, storage, treatment, recycling, and disposition of any contaminated sewage sludge, contaminated sediments or contaminated media that may be generated by the Authority, its contractors, consultants, agents, officials, and employees as a result of activities relating to the Project to the extent permitted by law.

- 10. Before closing, the Authority must submit documentation evidencing the adoption and implementation of sufficient system rates and charges or, if applicable, the levy of an interest and sinking tax rate sufficient for the repayment of all system debt service requirements.
- 11. Before closing, and if required under the TWDB's financial assistance program and not previously provided with the application, the Authority must submit an executed engineering contract as appropriate for the project scope of work, and an executed financial advisor contract and executed bond counsel contract as appropriate for the work to be performed in obtaining the TWDB's financial assistance for the project, in a form and substance satisfactory to the Executive Administrator. Fees to be reimbursed under any consulting contract must be reasonable in relation to the services performed, must be reflected in the contract, and must be acceptable to the Executive Administrator.
- 12. Before closing, when any portion of financial assistance proceeds are to be held in escrow or in trust, the Authority must execute an escrow agreement or trust agreement, approved as to form and substance by the Executive Administrator, and must submit that executed agreement to the TWDB.
- 13. The Executive Administrator may require that the Authority execute a separate financing agreement in form and substance acceptable to the Executive Administrator.
- 14. The Authority must abide by all applicable construction contract requirements related to the use of iron and steel products produced in the United States, as required by Texas Government Code, Chapter 2252, Subchapter F and Texas Water Code § 17.183.
- 15. The Authority must immediately notify TWDB, in writing, of any suit against it by the Attorney General of Texas under Texas Penal Code § 1.10(f) (related to federal laws regulating firearms, firearm accessories, and firearm ammunition).

Pledge Conditions:

- 16. Upon request by the Executive Administrator, the Authority must submit annual audits of contracting parties for the Executive Administrator's review.
- 17. The Obligations must require the Authority to maintain and enforce the contracts with its customers so that the revenues paid to the Authority by its customers are sufficient to meet the revenue requirements of the Authority's obligations arising from the operation of the water and sewer system.
- 18. The Obligations must provide that the pledged contract revenues from the Authority will not be pledged to the payment of any additional parity obligations of the Authority secured by a pledge of the same contract revenues unless the Authority demonstrates to the Executive Administrator's satisfaction that the

pledged contract revenues will be sufficient for the repayment of all Obligations and additional parity obligations.

19. Before closing, the Authority must submit executed contracts between the Authority and the contracting parties regarding the contract revenues pledged to the payment of the Authority's Obligations, in form and substance acceptable to the Executive Administrator. The contracts must include provisions consistent with the provisions of this Resolution regarding the contracting parties' annual audits, the setting of rates and charges, and collection of revenues sufficient to meet the Authority's debt service obligations and additional parity obligations.

**Special Conditions:** 

20. Before closing: (a) the Authority must ensure that the WSC has adopted and implemented the water conservation program approved by the TWDB; and (b) the Authority must include in its contract with the Contracting Parties a requirement that the Contracting Parties adopt a water conservation plan that complies with TWDB rules and is approved by the Authority. If this requirement is to be included in an existing water or wastewater service contract, it may be included at the earliest of the renewal or substantial amendment of that contract, or by other appropriate measures.

APPROVED and ordered of record this the 8th day of May 2025.

TEXAS WATER DEVELOPMENT BOARD

L'Oreal Stepney, P.E., Chairwoman

DATE SIGNED: \_\_\_\_\_

ATTEST:

Bryan McMath, Executive Administrator

Attachment 4 Review Date: Project ID:

	WATER	<b>CONSERVATION</b>	REVIEW
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Wastewater Other

Water

Entity:

Other entity:

VATER CONSERVATION PLAN DATE:				Appro	ovable	Adopte	ł
		Total GPCD Residential GP			GPCD Water Loss GP		
Baseline							
5-year Goal							
10-year Goal							
WATER LOSS AUDIT YEAR:				Va	lidation Pe	rformed:	
Service connections: Retail population:	Lei	ngth of main lines (r Connections pe	Water Lo	Loss GCD: DSS GPCD: ILI: DSS GMD:			
WATER LOSS THRESHOLDS			Water Loss Proje	ect:	Waiver Re	quested:	
Wholesale Adjusted:		Apparent	Real Loss GCD		D		
Threshold Type:		Reported	Threshold	Reported	d Tł	nreshold	
Does the applicant meet Water Loss Threshold Requirements?				Yes	No	NA	
ADDITIONAL INFORMATION							

## STAFF NOTES AND RECOMMENDATIONS

### DEFINITIONS

Adopted refers to a water conservation plan that meets the minimum requirements of the water conservation plan rules and has been formally approved and adopted by the applicant's governing body.

**Apparent losses** are paper losses that occur when the water reaches a customer, but the volume is not accurately measured and/or recorded due to unauthorized consumption, customer meter inaccuracy, or billing system and collection data errors.

**Approvable** refers to a water conservation plan that substantially meets the minimum requirements of the water conservation plan rules but has not yet been adopted by the applicant's governing body.

**Best Management Practices** are voluntary efficiency measures that save a quantifiable amount of water, either directly or indirectly, and that can be implemented within a specific time frame.

**GPCD** means gallons per capita per day.

GCD means gallons per connection per day.

GMD means gallons per mile per day.

**Infrastructure Leakage Index (ILI)** is the current annual real loss divided by the unavoidable annual real loss (theoretical minimum real loss) and only applies to utilities with more than 3,000 connections and a connection density of more than 16 connections per mile. The **ILI** is recommended to be less than 3 if water resources are greatly limited and difficult to develop, between 3 and 5 if water resources are adequate to meet long-term needs but water conservation is included in long-term water planning, and between 5 and 8 if water resources are plentiful, reliable, and easily extracted. The **ILI** is recommended as a bench marking tool, but until there is increased data validity of the variables used in the calculation, the **ILI** should be viewed with care.

NA means not applicable.

**Real losses** are the physical losses, largely leakage, from the infrastructure: mains, valves, and storage tank overflows. Real loss constitutes background leakage (unreported and difficult to detect), unreported leakage (leaks that do not surface but could be detected), and reported leakage (leaks that often surface and those that are detected by the utility through leak detection).

**Residential GPCD** is the amount of residential water use (single and multi-family customer use) divided by the residential population divided by 365.

Total GPCD is the amount of total system input volume divided by the retail population divided by 365.

Total water loss is the sum of the apparent and real water losses.

Water loss is the difference between the input volume and the authorized consumption within a water system. Water Loss consists of real losses and apparent losses.

Water Loss GPCD is the amount of water loss divided by the retail population divided by 365.

Water Loss per Connection per Day Calculated as the water loss volume divided by the number service connections divided by 365. This indicator allows for reliable performance tracking in the water utility's efforts to reduce water losses. It replaces water loss percentage.

Water Loss Thresholds are levels of real and apparent water loss determined by the connection density of a retail public utility, at or above which a utility receiving financial assistance from the Texas Water Development Board must use a portion of that financial assistance to mitigate the utility's system water loss.

Wholesale Adjusted represents that some utilities provide large volumes of wholesale water to other providers that travel through the general distribution system, so a calculation has been established to adjust for that volume of wholesale water. These adjustments are only applicable for use in determining whether a utility meets or exceeds water loss thresholds in review of their application for financial assistance. These adjustments should not be used for performance tracking or benchmarking.



## GTUA - City of Ravenna-Nunnelee WSC Fannin County

