



PROJECT FUNDING REQUEST

BOARD DATE: October 17, 2024

Team Manager: David Firgens

ACTION REQUESTED

Consider approving by resolution a request from the Glidden Fresh Water Supply District No. 1 (Colorado County) for \$102,041 in financial assistance consisting of \$50,000 in financing and \$52,041 in principal forgiveness from the Drinking Water State Revolving Fund Lead Service Line Replacement Program to fund the required lead service line inventory.

STAFF RECOMMENDATION

☒ Approve ☐ No Action

BACKGROUND

The Infrastructure Investment and Jobs Act, 2021, Pub. L. 117-58 (IIJA) appropriated capitalization grant funds for Federal Fiscal Years 2022 to 2026 for lead service line replacement projects and associated activities directly connected to the identification, planning, design, and replacement of lead service lines. Projects being presented for consideration have been scored and ranked using prioritization criteria in the Drinking Water State Revolving Fund Lead Service Line Replacement State Fiscal Year 2023 Intended Use Plan. The prioritized list of projects was approved by the Texas Water Development Board in August 2023. All financial assistance will be made at the ratio of 51 percent principal forgiveness and 49 percent financing.

The Glidden Fresh Water Supply District No. 1 (District) is approximately 60 miles west of the of Houston. The District provides water and wastewater services to a population of approximately 860 residents.

PROJECT NEED AND DESCRIPTION

The Glidden Fresh Supply Water District No. 1 (District) is required to inventory its distribution system to determine the presence of water lines that are composed of lead or galvanized materials. The initial inventory is due to the Texas Commission on Environmental Quality by October 16, 2024.

The District utilized Colorado County records, in- person interviews, and on-site sampling when necessary to inventory the service lines in the distribution system to identify connections that have lead or galvanized materials for an estimated 172 service connections. The District has completed its inventory and determined that their system does not contain any services lines with lead or galvanized materials. The District requests funding for reimbursement of the inventory costs.

COMMITMENT PERIOD: TWELVE (12) MONTHS TO EXPIRE OCTOBER 31, 2025

PROJECT SCHEDULE

Task	Schedule Date
Closing	December 1, 2024
Inventorying Complete	August 26, 2024

KEY ISSUES

The District qualifies for principal forgiveness for the Drinking Water State Revolving Fund Lead Service Line Replacement Program.

The proposed project is eligible for \$52,041 in principal forgiveness and \$50,000 in financing at zero percent interest with a term of up to 15 years for the costs to complete the required lead service line inventory.

LEGAL/SPECIAL CONDITIONS

- Notification prior to altering legal status
- Conveyance and conversion
- Executed principal forgiveness agreement
- Return of surplus principal forgiveness funds

Attachments:

1. Financial Review
2. Project Budget
3. Resolution (24-)
4. Water Conservation Review
5. Location Map

Financial Review

Glidden FWSD No. 1

Risk Score: 2A

Audit Reviewed: FY 2023

Key Indicators

Indicator	Result	Benchmark
Population Growth, Average Annual 2010-2020	County: -0.15 %	State: 1.49%
Top 10 Customers % of Total Revenue	17%	10-15%
Median Household Income as % of State	85%	100%
Days of Cash on Hand (3-year Average)	258 days	30-149 days
Net Fixed Assets/ Annual Depreciation	7 years	12-24 years
Debt Service Coverage Ratio	12.56x	1.00x
Debt-to-Operating Revenues	0.16	4.00-5.99x
Unemployment Rate (July, 2024)	County 3.60%	State: 4.40%
Working Capital Ratio	6.58	> 1.00

Key Risk Score Strengths

- The District has sufficient revenues to cover the existing and proposed debt through the life of the loan. The debt service coverage ratio during the first year of repayment is 12.56 times coverage.
- The cash balance ratio for the general fund is 19.34 percent. The cash balance increased from approximately \$164,000 in 2018 to \$223,000 in 2023, which provides additional resources for unforeseen expenses.
- The days of cash on hand are above the benchmark indicating that the District has sufficient resources for debt service, operating expenses, or capital expenditures.

Key Risk Score Concerns

- The District's top 10 customers of the water system account for 17 percent of the total water revenues with the largest being the TxDOT rest area at 16.5 percent. A stress test was conducted to remove the TxDOT facility from the water revenues and the results indicated that the District would not need a rate increase.
- The census data shows a slight decline in county's population from 2010 to 2020; however, connections within the system show an increasing trend for the past five years.

PLEDGE

Legal Pledge Name	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	5,633	\$35.91	\$35.91	1.62	1.62
Wastewater	5,633	\$35.12	\$35.12		

Cost Savings

Based on a 10-year maturity schedule and current interest rates, the District could save approximately \$11,547 over the life of the financing. The District is also saving \$52,041 in principal forgiveness.

Project Data Summary

Responsible Authority	Glidden FWSD # 1
Program	DWSRF
Commitment Number	L1001795, LF1001797
Project Number	62980
List Year	2023
Type of Pledge	Revenue Pledge
Pledge Level (if applicable)	First Lien
Legal Description	\$50,000 Glidden FWSD No. 1 Revenue Bonds, Series 2024, \$52,041 Principal Forgiveness Agreement
Tax-exempt or Taxable	Taxable
Refinance	No
Outlay Requirement	Yes
Disbursement Method	Escrow
Outlay Type	Outlay = Escrow Release
Qualifies as Disadvantaged	Yes
State Revolving Fund Type	Equivalency
Financial Managerial & Technical Complete	Yes
Phases Funded	Planning
Pre-Design	No
Project Consistent with State Water Plan	N/A
Water Conservation Plan	Adopted
Overall Risk Score	2A

PROJECT TEAM				
Team Manager	Financial Analyst	Engineering Reviewer	Environmental Reviewer	Attorney
David Figgins	Caaren Skrobarczyk	Shubham Aggarwal	Chris Caran	Marshall Walters

ISSUE BEING EVALUATED
FOR ILLUSTRATION PURPOSES ONLY
Glidden Fresh Water Supply District No. 1

\$50,000 Glidden Fresh Water Supply District Revenue Bonds, Taxable Series 2024

Dated Date:	1/1/2025	Source:	DWSRF-EQUIVALENCY
Delivery Date:	1/1/2025	Rate:	0.00%
First Interest:	8/15/2025	IUP Year:	2024
First Principal:	2/15/2026	Case:	Revenue
Last Principal:	2/15/2035	Admin. Fee:	\$980
Fiscal Year End:	09/30	Admin. Fee Payment Date:	1/1/2025
Required Coverage:	1.0		

FISCAL YEAR	PROJECTED NET SYSTEM REVENUES	CURRENT DEBT SERVICE	\$50,000 ISSUE				TOTAL DEBT SERVICE	COVERAGE
			PRINCIPAL PAYMENT	INTEREST RATE	INTEREST PAYMENT	TOTAL PAYMENT		
2026	62,817	-	5,000	-	-	5,000	5,000	12.56
2027	62,817	-	5,000	-	-	5,000	5,000	12.56
2028	62,817	-	5,000	-	-	5,000	5,000	12.56
2029	62,817	-	5,000	-	-	5,000	5,000	12.56
2030	62,817	-	5,000	-	-	5,000	5,000	12.56
2031	62,817	-	5,000	-	-	5,000	5,000	12.56
2032	62,817	-	5,000	-	-	5,000	5,000	12.56
2033	62,817	-	5,000	-	-	5,000	5,000	12.56
2034	62,817	-	5,000	-	-	5,000	5,000	12.56
2035	62,817	-	5,000	-	-	5,000	5,000	12.56
		\$0	\$50,000		\$0	\$50,000	\$50,000	

AVERAGE (MATURITY) LIFE	5.62 YEARS
NET INTEREST RATE	0.000%
COST SAVINGS	\$11,547
AVERAGE ANNUAL REQUIREMENT	\$4,545

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.



Project Budget Summary
Glidden FWSD # 1
62980 - Lead Service Line Replacement

Budget Items	TWDB Funds	Total
Basic Engineering Services		
Basic Engineering Other (Inventory)	\$42,509.00	\$42,509.00
Planning	\$20,519.00	\$20,519.00
Subtotal for Basic Engineering Services	\$63,028.00	\$63,028.00
Special Services		
Application	\$14,013.00	\$14,013.00
Subtotal for Special Services	\$14,013.00	\$14,013.00
Fiscal Services		
Bond Counsel	\$5,880.00	\$5,880.00
Financial Advisor	\$8,820.00	\$8,820.00
Fiscal/Legal	\$7,830.00	\$7,830.00
Issuance Costs	\$1,490.00	\$1,490.00
Loan Origination Fee	\$980.00	\$980.00
Subtotal for Fiscal Services	\$25,000.00	\$25,000.00
Total	\$102,041.00	\$102,041.00

A RESOLUTION OF THE TEXAS WATER DEVELOPMENT BOARD
APPROVING AN APPLICATION FOR FINANCIAL ASSISTANCE IN THE AMOUNT OF
\$102,041 TO THE GLIDDEN FRESH WATER SUPPLY DISTRICT NO. 1
FROM THE DRINKING WATER STATE REVOLVING FUND
THROUGH THE PROPOSED PURCHASE OF
\$50,000 GLIDDEN FRESH WATER SUPPLY DISTRICT NO. 1
REVENUE BONDS, PROPOSED SERIES 2025
AND
\$52,041 IN PRINCIPAL FORGIVENESS

(24 -)

Recitals:

The Glidden Fresh Water Supply District No. 1 (District), located in Colorado County, has filed an application for financial assistance in the amount of \$102,041 from the Drinking Water State Revolving Fund (DWSRF) to finance certain lead service line inventories identified as Project No. 62980.

The District seeks financial assistance from the Texas Water Development Board (TWDB) through the TWDB's proposed purchase, in one or more series of \$50,000 Glidden Fresh Water Supply District No. 1 Revenue Bonds, Proposed Series 2025 (together with all authorizing documents (Obligation)), and the execution of a Principal Forgiveness Agreement in an amount of \$52,041, all as is more specifically set forth in the application and in recommendations of the TWDB's staff.

The District has offered a pledge of system revenue as sufficient security for the repayment of the Obligations.

Findings:

1. The revenue or taxes pledged by the District will be sufficient to meet all the Obligations assumed by the District, in accordance with Texas Water Code § 15.607.
2. The application and assistance applied for meet the requirements of the Safe Drinking Water Act, 42 U.S.C. §§ 300f *et seq.* and Pub. L. 117-58, 135 Stat. 1400-1401, as well as state law, in accordance with Texas Water Code § 15.607.
3. The District has adopted and implemented a water conservation program for the more efficient use of water that will meet reasonably anticipated local needs and conditions and that incorporates practices, techniques, or technology prescribed by the Texas Water Code and TWDB's rules.
4. The District has completed a current water audit required by Texas Water Code § 16.0121 and 31 TAC § 358.6 and filed it with the TWDB in accordance with Texas Water Code § 16.053(j).

5. The District is eligible for principal forgiveness through the DWSRF in a total amount not to exceed \$52,041 and financial assistance in the amount of \$50,000 with a reduced interest rate of zero percent.

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

A commitment is made by the TWDB to the Glidden Fresh Water Supply District No. 1 for financial assistance in the amount of \$102,041 from the Drinking Water State Revolving Fund through the TWDB's proposed purchase of \$50,000 Glidden Fresh Water Supply District No. 1 Revenue Bonds, Proposed Series 2024, and the execution of a Principal Forgiveness Agreement in the amount of \$52,041. This commitment will expire on October 31, 2025.

The 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. If the financial assistance is funded with available cash-on-hand, the TWDB reserves the right to change the designated source of funds to bond proceeds issued for the purpose of reimbursing funds used to provide the financial assistance approved in this Resolution.
2. This commitment is contingent upon the issuance of a written approving opinion of the Attorney General of the State of Texas stating that all the requirements of the laws under which the Obligations were issued have been complied with; that the Obligations were issued in conformity with the Constitution and laws of the State of Texas; and that the Obligations are valid and binding obligations of the District.
3. This commitment is contingent upon the District's compliance with all applicable requirements contained in 31 TAC Chapter 371.
4. The Obligations must provide that the District agrees to comply with all the conditions set forth in the TWDB Resolution.
5. The District, 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 District's Obligations, or obligated persons, will, at a minimum, regardless of the amount of the Obligations, covenant to comply with requirements for continuing disclosure on an ongoing basis substantially in the manner required by the 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 the rule, this continuing disclosure undertaking being for the benefit of the TWDB and the beneficial owners of the District's Obligations, if the TWDB sells or otherwise transfers the Obligations and the beneficial owners of the TWDB's bonds if the District is an obligated person with respect to those bonds under SEC Rule 15c2-12.

6. The Obligations must contain a provision requiring the District to levy a tax or maintain and collect sufficient rates and charges, as applicable, to produce system funds in an amount necessary to meet the debt service requirements of all outstanding obligations and to maintain the funds established and required by the Obligations.
7. The Obligations must include a provision requiring the District to use any financial assistance proceeds from the Obligations that are determined to be remaining unused funds, which are those funds unspent after the original approved project is completed, for enhancements to the original project explicitly approved by the Executive Administrator, or, if no enhancements are authorized by the Executive Administrator, requiring the District to submit a final accounting and disposition of any unused funds.
8. The Obligations must include a provision requiring the District to use any financial assistance proceeds from the Obligations determined to be surplus funds in a manner approved by the Executive Administrator. Surplus funds are funds remaining after completion of the project and completion of a final accounting.
9. The Obligations must contain a provision 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.
10. Proceeds of this commitment are public funds. Therefore, the Obligations must include a provision requiring that these proceeds will 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.
11. Proceeds of this commitment must not be used by the City when sampling, testing, removing, or disposing of contaminated soils or media at the project site, except for an LSLR project or associated activity directly connected to the identification, planning, design, and replacement of lead service lines. The Obligations must include an environmental indemnification provision wherein the City agrees, and agrees to cause its construction contractors, to indemnify, hold harmless and protect the TWDB from any and all claims, causes of action, or damages arising from activities performed by the City or its construction contractors, including their officials and employees, in connection with the project, to the extent permitted by law.
12. Before closing, the District must submit documentation evidencing the adoption and implementation of sufficient system rates and charges or the levy of an interest and sinking tax rate (if applicable) sufficient for the repayment of all system debt service requirements.
13. Before closing, and if not previously provided with the application, the District must submit executed contracts for engineering and, if applicable, financial advisor and bond counsel for the project that are satisfactory to the Executive Administrator. Fees to be reimbursed under the contracts must be reasonable in relation to the

services performed, reflected in the contract, and acceptable to the Executive Administrator.

14. Before closing, when any portion of the financial assistance is to be held in escrow or in trust, the District must execute an escrow or trust agreement, approved as to form and substance by the Executive Administrator, and must submit that executed agreement to the TWDB.
15. The Executive Administrator may require the District to execute a separate financing agreement in form and substance acceptable to the Executive Administrator.
16. The TWDB retains the option to purchase the Obligations in separate lots or on an installment basis, with delivery of the purchase price for each installment to be paid against delivery of the relevant installment of Obligations as approved by the Executive Administrator.
17. The Obligations must provide that the District will comply with all applicable TWDB laws and rules related to the use of the financial assistance.
18. The Obligations must provide that the District must comply with all conditions as specified in the final environmental finding of the Executive Administrator when issued including the standard emergency discovery conditions for threatened and endangered species and cultural resources.
19. The Obligations must contain a provision requiring the District to maintain insurance coverage sufficient to protect the TWDB's interest in the project.
20. The District 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).
21. The Obligations must provide that the District will submit annually an audit prepared by a certified public accountant in accordance with generally accepted auditing standards.

State Revolving Fund Conditions:

22. The District must submit outlay reports with sufficient documentation on costs on a quarterly or monthly basis in accordance with TWDB outlay report guidelines.
23. The Obligations must include a provision stating that all laborers and mechanics employed by contractors and subcontractors for projects will be paid wages at rates not less than those prevailing on projects of a similar character in the locality in accordance with the Davis-Bacon Act, and the U.S. Department of Labor's implementing regulations. The District, all contractors, and all sub-contractors must ensure that all project contracts mandate compliance with Davis-Bacon. All contracts and subcontracts for the construction of the project carried out in whole or in part

with the financial assistance made available must insert in full in any contract in excess of \$2,000 the contract clauses as provided by the TWDB.

24. The Obligations must include a provision stating that the District must provide the TWDB with all information required to be reported in accordance with the Federal Funding Accountability and Transparency Act of 2006, Pub. L. 109-282, as amended by Pub. L. 110-252. The District must obtain a Unique Entity Identification Number and must register with System for Award Management (SAM) and maintain current registration at all times during which the Obligations are outstanding.
25. The Obligations must provide that all financial assistance proceeds will be timely and expeditiously used, as required by 40 CFR § 35.3135(d), and must provide that the District will adhere to the approved project schedule.
26. The Obligations and Principal Forgiveness Agreement must contain a covenant that the District will abide by all applicable construction contract requirements related to the use of iron and steel products produced in the United States, as required by 31 TAC § 371.4 and related State Revolving Fund Policy Guidelines.
27. The Obligations and Principal Forgiveness Agreement must contain a covenant that the District must abide by the prohibition on certain telecommunications and video surveillance services or equipment as required by 2 CFR § 200.216.
28. The Obligations and Principal Forgiveness Agreement must contain a covenant that the District will abide by all applicable requirements related to the Build America, Buy America Act, Public Law 117-58.

Drinking Water State Revolving Fund Conditions:

29. For each proposed bond series as described in the commitment of this Resolution, the District must pay at closing an origination fee approved by the Executive Administrator of the TWDB pursuant to 31 TAC Chapter 371.
30. Before closing, the Texas Commission on Environmental Quality must make a determination, the form and substance of which is satisfactory to the Executive Administrator, that the District has demonstrated the necessary financial, managerial, and technical capabilities to proceed with the project or projects to be funded with the proceeds of these Obligations.
31. Before the release of funds for professional consultants including, but not limited to, the engineer, financial advisor, and bond counsel, as appropriate, the District must provide documentation that it has met all applicable state procurement requirements as well as all federal procurement requirements under the Disadvantaged Business Enterprises program.

Pledge Conditions:

32. The Obligations must require the accumulation of a reserve fund of no less than

average annual debt service requirements of the Obligations and the annual debt service requirement of all additional debt, to be accumulated in equal monthly installments over the initial sixty (60) months following the issuance of the Obligations.

33. If the District has existing revenue obligations with the same pledge of security as the proposed Obligations that will remain outstanding after any financial assistance made by the TWDB pursuant to this commitment, the lien or liens securing the Obligations issued to the TWDB must be at least on a parity with lien or liens securing the outstanding obligations.
34. The Obligations must contain a provision providing that additional revenue obligations may only be incurred if net system revenues are at least 1.25 times the average annual debt service requirements of the Obligations and the annual debt service requirement of all additional debt after giving effect to the additional obligations when net revenues are a) determined from the last completed fiscal year or a 12 consecutive calendar month period ending not more than ninety (90) days preceding the adoption of the additional obligations as certified by a certified public accountant; or b) the District certifies that the District is expected to continue to meet or exceed the net system revenue test with a minimum coverage of 1.25 times the average annual debt service requirement. An authorized representative of the District must provide the calculations, identifying reasonable assumptions, in a manner and format that is acceptable to the Executive Administrator.

Special Conditions:

35. The District must notify the Executive Administrator in writing, thirty (30) days before taking any actions to alter its legal status in any manner.
36. The Obligations must include a provision requiring that the District notify the Executive Administrator in writing before taking any action to convey its Obligations held by the TWDB to another entity. The conveyance and the assumption of the Obligations must be approved by the TWDB.
37. Before closing, the District must execute a Principal Forgiveness Agreement in a form and substance acceptable to the Executive Administrator.
38. The Principal Forgiveness Agreement must include a provision stating that the District must return any principal forgiveness funds that are determined to be surplus funds.

APPROVED and ordered of record this 17th day of October 2024.

TEXAS WATER DEVELOPMENT BOARD

Brooke T. Paup, Chairwoman

DATE SIGNED: _____

ATTEST:

Bryan McMath, Executive Administrator

Review Date:

Project ID:

Water

Wastewater

Other

WATER CONSERVATION REVIEW

Entity:

Other entity:

WATER CONSERVATION PLAN DATE:**Approvable****Adopted**

	Total GPCD	Residential GPCD	Water Loss GPCD
Baseline			
5-year Goal			
10-year Goal			

WATER LOSS AUDIT YEAR:

Service connections:

Length of main lines (miles):

Water Loss GCD:

Retail population:

Connections per mile:

Water Loss GPCD:

ILI:

Real Loss GMD:

WATER LOSS THRESHOLDS

Water Loss Project:

Waiver Requested:

Wholesale Adjusted:

Threshold Type:

Apparent Loss GCD		Real Loss GCD	
Reported	Threshold	Reported	Threshold

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.



Glidden FWSD #1
Colorado County

