

Texas Water Development Board

PROJECT FUNDING REQUEST

BOARD DATE: April 6, 2023

Team Manager: Jesse Milonovich

ACTION REQUESTED

Consider approving by resolution a request from the City of San Angelo (Tom Green County) for \$13,415,000 in financing from the Drinking Water State Revolving Fund for construction of a water supply and treatment project.

STAFF RECOMMENDATION

Approve No Action

BACKGROUND

To offset surface water production, the City of San Angelo (City), located in Tom Green County, began developing a groundwater supply and treatment system to add the Hickory Aquifer to its water supply portfolio. Phase I development of the Hickory Aquifer Wellfield was completed in February of 2018. Phase II development is underway and is designed to achieve a production rate of 12,000 acre-feet per year (10.7 million gallons per day), and includes improvements to the City's wellfield, raw water collection system, transmission line, and groundwater treatment plant. In addition, as part of Phase II, the City is evaluating water treatment optimization efforts and developing an asset management plan.

In October, 2019, the City received a commitment from the Drinking Water State Revolving Fund (DWSRF) program, to finance the planning, design, and construction of the Hickory Aquifer Wellfield Phase II improvements. In April, 2022, the construction of Phase II started.

PROJECT NEED AND DESCRIPTION

The construction of Hickory Aquifer Wellfield Phase II improvements is underway including new production wells and improvements at the existing groundwater treatment plant and well field. However, additional construction funds are needed due to higher than anticipated construction costs made known during the bid phase.

The City requests additional funding for the Phase II improvements. The scope and intent of the project is unchanged, and only additional construction funds are being requested at this time.

PROJECT SCHEDULE

| Task | Schedule Date |
|-------------------------|-------------------|
| Closing | July 31, 2023 |
| Start of Construction | April 28, 2022 |
| Construction Completion | February 17, 2024 |

COMMITMENT PERIOD: TWELVE (12) MONTHS TO EXPIRE APRIL 30, 2024

KEY ISSUES

None.

LEGAL/SPECIAL CONDITIONS

- Reasonable expectation for groundwater development
- Water rights certification

Attachments

1. Financial Review
2. Project Budget
3. Resolution (23-)
4. Water Conservation Review
5. Location Map

Financial Review City of San Angelo

Risk Score: 2A

Audit Reviewed: FY 2021

Key Indicators

| Indicator | Result | Benchmark |
|---|-------------|--------------|
| Population Growth, Average Annual 2010-2020 | City: 0.70% | State: 1.49% |
| Top 10 Customers % of Total Revenue | 17% | 10-15% |
| Median Household Income as % of State | 84% | 100% |
| Days of Cash on Hand (3-year Average) | 1,306 days | 30-149 days |
| Net Fixed Assets/ Annual Depreciation | 20 years | 12-24 years |
| Debt Service Coverage Ratio | 3.59x | 1.0x |
| Debt-to-Operating Revenues | 2.10x | 4.00-5.99x |
| Unemployment Rate (December 2022) | City: 3.10% | State: 3.60% |
| Working Capital Ratio | 6.961 | > 1.0 |

Key Risk Score Strengths

- Utility system revenues are high enough to cover both the existing and the proposed debt, resulting in no projected rate increase being necessary.
- A high working capital ratio provides the City with ample resources to cover short-term liabilities and shows a strong liquidity position.
- The City's days of cash on hand is above the benchmark, indicating that they can pay operating expenses with the cash available.

Key Risk Score Concerns

- Projected household cost factor is higher than the benchmark. However, this figure is not likely to increase significantly as the City does not need a rate increase.
- Population growth is lower than the benchmark. However, there has been upward growth in the number of active connections over the last five years, and state water plan projects a 19% overall increase in population from 2020-2040.

PLEDGE

| | |
|----------------------|--|
| Legal Pledge Name | Utility System Revenues |
| Type of Pledge | <input type="checkbox"/> Tax <input checked="" type="checkbox"/> Revenue <input type="checkbox"/> Tax & Revenue <input type="checkbox"/> Contract <input type="checkbox"/> Other |
| Revenue Pledge Level | <input checked="" type="checkbox"/> First <input type="checkbox"/> Second <input type="checkbox"/> Third <input type="checkbox"/> N/A |

RATES AND CHARGES

| Average Residential Use | Gallons/Month | Current Rates | Projected Rates | Current Household Cost Factor | Projected Household Cost Factor |
|-------------------------|---------------|---------------|-----------------|-------------------------------|---------------------------------|
| Water | 7,925 | \$49.63 | \$49.63 | 2.01 | 2.01 |
| Wastewater | 6,768 | \$37.23 | \$37.23 | | |

TAXES

| | 2022 Tax Year Rate | Max Projected Tax Rate | Maximum Allowable Rate | 3-Year Avg Current Tax Collections | Assessed Valuation |
|----------------------------|--------------------------|---------------------------|------------------------------|--|-----------------------|
| Maintenance & Operation | \$0.6372 | \$0.6372 | \$2.50 | 98.5% | \$6,927,340,404 |
| Interest & Sinking | \$0.1008 | \$0.1008 | | | |
| Total Tax Rate | \$0.7380 | \$0.7380 | | | |

Cost Savings

Based on a 23-year maturity schedule and current interest rates, the City could save approximately \$3,154,087 over the life of the financing.

| | |
|--|---|
| Responsible Authority | San Angelo |
| Program | DWSRF |
| Commitment Number | L1001621 |
| Project Number | 62856 |
| List Year | 2022 |
| Type of Pledge | Revenue Pledge |
| Pledge Level (if applicable) | First Lien |
| Legal Description | \$13,415,000 City of San Angelo, TX Waterworks and Sewer System Improvement Revenue Bonds, Proposed Series 2023 |
| Tax-exempt or Taxable | Tax-Exempt |
| Refinance | No |
| Outlay Requirement | Yes |
| Disbursement Method | Escrow |
| Outlay Type | Outlay = Escrow Release |
| Qualifies as Disadvantaged | No |
| State Revolving Fund Type | Equivalency |
| Financial Managerial & Technical Complete | Yes |
| Phases Funded | Construction |
| Pre-Design | No |
| Project Consistent with State Water Plan | Yes |
| Water Conservation Plan | Adopted |
| Overall Risk Score | 2A |

PROJECT TEAM

| Team Manager | Financial Analyst | Engineering Reviewer | Environmental Reviewer | Attorney |
|------------------|-------------------|----------------------|------------------------|---------------|
| Jesse Milonovich | Kyle DuQuesnay | Cooper Stence | Chris Caran | Breann Hunter |

ISSUE BEING EVALUATED
FOR ILLUSTRATION PURPOSES ONLY
City of San Angelo

\$13,415,000 City of San Angelo, TX Waterworks and Sewer System Improvement Revenue Bonds, Proposed Series 2023

| | |
|----------------------------|------------------------------------|
| Dated Date: 7/31/2023 | Source: DWSRF-EQUIVALENCY |
| Delivery Date: 7/31/2023 | Rate: 2.75% |
| First Interest: 7/15/2024 | IUP Year: 2022 |
| First Principal: 7/15/2024 | Case: First lien revenues |
| Last Principal: 7/15/2046 | Admin.Fee: \$263,039 |
| Fiscal Year End: 09/30 | Admin. Fee Payment Date: 7/31/2023 |
| Required Coverage: 1.0 | |

| FISCAL YEAR | PROJECTED NET SYSTEM REVENUES | CURRENT DEBT SERVICE | \$13,415,000 ISSUE | | | | TOTAL DEBT SERVICE | COVERAGE |
|-------------|-------------------------------|----------------------|--------------------|---------------|------------------|---------------|--------------------|----------|
| | | | PRINCIPAL PAYMENT | INTEREST RATE | INTEREST PAYMENT | TOTAL PAYMENT | | |
| 2024 | \$43,984,481 | \$11,446,050 | \$470,000 | 2.07% | \$332,166 | \$802,166 | \$12,248,216 | 3.59 |
| 2025 | 43,984,481 | 11,596,550 | 495,000 | 2.09% | 336,879 | 831,879 | 12,428,429 | 3.54 |
| 2026 | 43,984,481 | 11,789,800 | 500,000 | 2.10% | 326,534 | 826,534 | 12,616,334 | 3.49 |
| 2027 | 43,984,481 | 11,855,550 | 505,000 | 2.13% | 316,034 | 821,034 | 12,676,584 | 3.47 |
| 2028 | 43,984,481 | 10,823,800 | 510,000 | 2.17% | 305,277 | 815,277 | 11,639,077 | 3.78 |
| 2029 | 43,984,481 | 11,004,425 | 520,000 | 2.18% | 294,210 | 814,210 | 11,818,635 | 3.72 |
| 2030 | 43,984,481 | 11,187,300 | 525,000 | 2.22% | 282,874 | 807,874 | 11,995,174 | 3.67 |
| 2031 | 43,984,481 | 11,387,300 | 535,000 | 2.26% | 271,219 | 806,219 | 12,193,519 | 3.61 |
| 2032 | 43,984,481 | 4,909,175 | 540,000 | 2.30% | 259,128 | 799,128 | 5,708,303 | 7.71 |
| 2033 | 43,984,481 | 4,912,800 | 550,000 | 2.44% | 246,708 | 796,708 | 5,709,508 | 7.70 |
| 2034 | 43,984,481 | 4,923,050 | 555,000 | 2.56% | 233,288 | 788,288 | 5,711,338 | 7.70 |
| 2035 | 43,984,481 | 4,934,675 | 565,000 | 2.62% | 219,080 | 784,080 | 5,718,755 | 7.69 |
| 2036 | 43,984,481 | 4,942,550 | 580,000 | 2.67% | 204,277 | 784,277 | 5,726,827 | 7.68 |
| 2037 | 43,984,481 | 4,951,550 | 590,000 | 2.72% | 188,791 | 778,791 | 5,730,341 | 7.68 |
| 2038 | 43,984,481 | 4,966,300 | 605,000 | 2.76% | 172,743 | 777,743 | 5,744,043 | 7.66 |
| 2039 | 43,984,481 | 4,976,675 | 615,000 | 2.80% | 156,045 | 771,045 | 5,747,720 | 7.65 |
| 2040 | 43,984,481 | 4,992,400 | 630,000 | 2.83% | 138,825 | 768,825 | 5,761,225 | 7.63 |
| 2041 | 43,984,481 | 5,004,000 | 645,000 | 2.87% | 120,996 | 765,996 | 5,769,996 | 7.62 |
| 2042 | 43,984,481 | 5,017,400 | 660,000 | 2.90% | 102,485 | 762,485 | 5,779,885 | 7.61 |
| 2043 | 43,984,481 | 5,037,500 | 680,000 | 2.93% | 83,345 | 763,345 | 5,800,845 | 7.58 |
| 2044 | 43,984,481 | 5,054,100 | 695,000 | 2.95% | 63,421 | 758,421 | 5,812,521 | 7.57 |
| 2045 | 43,984,481 | 5,067,100 | 715,000 | 2.96% | 42,918 | 757,918 | 5,825,018 | 7.55 |
| 2046 | 43,984,481 | 2,701,300 | 730,000 | 2.98% | 21,754 | 751,754 | 3,453,054 | 12.74 |
| | | \$163,481,350 | \$13,415,000 | | \$4,718,995 | \$18,133,995 | \$181,615,345 | |

| | |
|----------------------------|-------------|
| AVERAGE (MATURITY) LIFE | 12.79 YEARS |
| NET INTEREST RATE | 2.750% |
| COST SAVINGS | \$3,154,087 |
| AVERAGE ANNUAL REQUIREMENT | \$788,435 |

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

San Angelo

62856 - Hickory Aquifer Wellfield Phase II

| Budget Items | Current TWDB Funds | Proposed TWDB Funds | Local Funds | Total |
|--|------------------------|------------------------|--------------------|------------------------|
| Construction | | | | |
| Construction | \$49,016,504.00 | \$12,495,292.00 | \$0.00 | \$61,511,796.00 |
| Subtotal for Construction | \$49,016,504.00 | \$12,495,292.00 | \$0.00 | \$61,511,796.00 |
| Basic Engineering Services | | | | |
| Design | \$362,305.31 | \$0.00 | \$0.00 | \$362,305.31 |
| Construction Engineering | \$1,461,900.00 | \$0.00 | \$0.00 | \$1,461,900.00 |
| Subtotal for Basic Engineering Services | \$1,824,205.31 | \$0.00 | \$0.00 | \$1,824,205.31 |
| Special Services | | | | |
| Environmental | \$0.00 | \$0.00 | \$50,000.00 | \$50,000.00 |
| Inspection | \$1,263,350.00 | \$0.00 | \$0.00 | \$1,263,350.00 |
| O&M Manual | \$50,000.00 | \$0.00 | \$0.00 | \$50,000.00 |
| Testing | \$47,500.00 | \$0.00 | \$0.00 | \$47,500.00 |
| Subtotal for Special Services | \$1,360,850.00 | \$0.00 | \$50,000.00 | \$1,410,850.00 |
| Fiscal Services | | | | |
| Bond Counsel | \$144,076.73 | \$48,000.00 | \$0.00 | \$192,076.73 |
| Bond Reserve Fund | \$2,293,776.56 | \$0.00 | \$0.00 | \$2,293,776.56 |
| Financial Advisor | \$144,950.00 | \$75,500.00 | \$0.00 | \$220,450.00 |
| Fiscal/Legal | \$400.00 | \$16,500.00 | \$0.00 | \$16,900.00 |
| Issuance Costs | \$0.00 | \$11,275.00 | \$0.00 | \$11,275.00 |
| Loan Origination Fee | \$1,180,237.00 | \$263,039.00 | \$0.00 | \$1,443,276.00 |
| Subtotal for Fiscal Services | \$3,763,440.29 | \$414,314.00 | \$0.00 | \$4,177,754.29 |
| Other | | | | |
| Other (Construction Staking) | \$10,000.00 | \$0.00 | \$1,690.00 | \$11,690.00 |
| Other (Post Construction Services) | \$50,000.00 | \$0.00 | \$0.00 | \$50,000.00 |
| Other (Record Drawings) | \$50,000.00 | \$0.00 | \$0.00 | \$50,000.00 |
| Subtotal for Other | \$110,000.00 | \$0.00 | \$1,690.00 | \$111,690.00 |
| Contingency | | | | |
| Contingency | \$0.40 | \$505,394.00 | \$0.00 | \$505,394.40 |
| Subtotal for Contingency | \$0.40 | \$505,394.00 | \$0.00 | \$505,394.40 |
| Total | \$56,075,000.00 | \$13,415,000.00 | \$51,690.00 | \$69,541,690.00 |

A RESOLUTION OF THE TEXAS WATER DEVELOPMENT BOARD
APPROVING AN APPLICATION FOR FINANCIAL ASSISTANCE IN THE AMOUNT OF
\$13,415,000 TO THE CITY OF SAN ANGELO
FROM THE DRINKING WATER STATE REVOLVING FUND
THROUGH THE PROPOSED PURCHASE OF
\$13,415,000 CITY OF SAN ANGELO, TEXAS, WATERWORKS AND SEWER SYSTEM
IMPROVEMENT REVENUE BONDS,
PROPOSED SERIES 2023

(23 -)

WHEREAS, at its October 3, 2019 meeting, the Texas Water Development Board (TWDB), by TWDB's Resolution No. 19-093, made a commitment to the City of San Angelo (City), located in Tom Green County, for financial assistance in the amount of \$65,750,000 from the Drinking Water State Revolving Fund (DWSRF), through the purchase of \$65,750,000 City of San Angelo, Texas, Waterworks and Sewer System Improvement Revenue Bonds, Series 2019, identified as Project No. 62856, all as is more specifically set forth in Resolution No. 19-093 and accompanying documentation, to which documents express reference is made; and

WHEREAS, on December 5, 2019 the City closed on the commitment, TWDB Loan L1001050, in the amount of \$56,075,000; and

WHEREAS, the City seeks additional financial assistance from TWDB through the TWDB's proposed purchase of \$13,415,000 City of San Angelo, Texas, Waterworks and Sewer System Improvement Revenue Bonds, Proposed Series 2023 (together with all authorizing documents (Obligations)), all as is more specifically set forth in the application and in recommendations of the TWDB's staff; and

WHEREAS, the City has offered a pledge of an additional first lien on net revenue of the City's waterworks and sewer system as sufficient security for the repayment of the Obligations; and

WHEREAS, the TWDB hereby finds:

1. that the revenue and/or taxes pledged by the City will be sufficient to meet all the Obligations assumed by the City, in accordance with Texas Water Code § 15.607;
2. that the application and assistance applied for meet the requirements of the Safe Drinking Water Act, 42 U.S.C. §§ 300f *et seq.* as well as state law, in accordance with Texas Water Code § 15.607;
3. that the City 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. that 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);
5. that a current water audit required by Texas Water Code § 16.0121 and 31 TAC § 358.6 has been completed by the City and filed with the TWDB in accordance with Texas Water Code § 16.053(j);

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

A commitment is made by the TWDB to the City of San Angelo for financial assistance in the amount of \$13,415,000 from the Drinking Water State Revolving Fund through the TWDB's proposed purchase of \$13,415,000 City of San Angelo, Texas, Waterworks and Sewer System Improvement Revenue Bonds, Proposed Series 2023. This commitment will expire on April 30, 2024.

Such 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;
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 of the requirements of the laws under which said Obligations were issued have been complied with; that said Obligations were issued in conformity with the Constitution and laws of the State of Texas; and that said Obligations are valid and binding obligations of the City;
3. this commitment is contingent upon the City's compliance with all applicable requirements contained in 31 TAC Chapter 371;
4. the Obligations must provide that the City agrees to comply with all of the conditions set forth in the TWDB Resolution, which conditions are incorporated herein;
5. the Obligations must provide that the Obligations can be called for early redemption on any date beginning on or after the first interest payment date which 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;
6. the City, 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 City'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 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 City's Obligations, if the TWDB sells or otherwise transfers such Obligations, and the beneficial owners of the TWDB's bonds if the City is an obligated person with respect to such bonds under SEC Rule 15c2-12;

7. the Obligations must contain a provision requiring the City to levy a tax and/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;
8. the Obligations must include a provision requiring the City to use any loan 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 that are explicitly approved by the Executive Administrator or if no enhancements are authorized by the Executive Administrator, requiring the City to submit a final accounting and disposition of any unused funds;
9. the Obligations must include a provision requiring the City to use any loan proceeds from the Obligations that are determined to be surplus funds remaining after completion of the project and completion of a final accounting in a manner as approved by the Executive Administrator;
10. 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 shall be of no force and effect;
11. loan proceeds are public funds and, as such, the Obligations must include a provision requiring that these proceeds shall 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;
12. loan proceeds shall not be used by the City when sampling, testing, removing or disposing of contaminated soils and/or media at the project site. The Obligations shall include an environmental indemnification provision wherein the City agrees to indemnify, hold harmless and protect the TWDB from any and all claims, causes of action or damages to the person or property of third parties arising from the sampling, analysis, transport, storage, treatment and disposition of any contaminated sewage sludge, contaminated sediments and/or contaminated media that may be generated by the City, its contractors, consultants, agents, officials and

employees as a result of activities relating to the project to the extent permitted by law;

13. prior to closing, the City shall submit documentation evidencing the adoption and implementation of sufficient system rates and charges and/or the levy of an interest and sinking tax rate (if applicable) sufficient for the repayment of all system debt service requirements;
14. prior to closing, and if not previously provided with the application, the City shall submit executed contracts for engineering and, if applicable, financial advisor and bond counsel contracts, 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;
15. prior to closing, when any portion of the financial assistance is to be held in escrow or in trust, the City shall execute an escrow or trust agreement, approved as to form and substance by the Executive Administrator, and shall submit that executed agreement to the TWDB;
16. the Executive Administrator may require that the City execute a separate financing agreement in form and substance acceptable to the Executive Administrator;
17. the TWDB retains the option to purchase the Obligations in separate lots and/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;
18. the Obligations must provide that the City will comply with all applicable TWDB laws and rules related to the use of the financial assistance;
19. the Obligations must provide that the City 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;
20. the Obligations must contain a provision requiring the City to maintain insurance coverage sufficient to protect the TWDB's interest in the project;
21. the City 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);

Conditions Related to Tax-Exempt Status:

22. the City's bond counsel must prepare a written opinion that states that the interest on the Obligations is excludable from gross income or is exempt from federal income taxation. Bond counsel may rely on covenants and representations of the City when rendering this opinion;
23. the City's bond counsel opinion must also state that the Obligations are not "private activity bonds." Bond counsel may rely on covenants and representations of the City when rendering this opinion;
24. the Obligations must include a provision prohibiting the City from using the proceeds of this loan in a manner that would cause the Obligations to become "private activity bonds" within the meaning of section 141 of the Internal Revenue Code of 1986, as amended (Code) and the Treasury Regulations promulgated thereunder (Regulations);
25. the Obligations must provide that no portion of the proceeds of the loan will be used, directly or indirectly, in a manner that would cause the Obligations to be "arbitrage bonds" within the meaning of section 148(a) of the Code and Regulations, including to acquire or to replace funds which were used, directly or indirectly, to acquire Nonpurpose Investments (as defined in the Code and Regulations) which produce a yield materially higher than the yield on the TWDB's bonds that are issued to provide financing for the loan (Source Series Bonds), other than Nonpurpose Investments acquired with:
 - a. proceeds of the TWDB's Source Series Bonds invested for a reasonable temporary period of up to three (3) years after the issue date of the Source Series Bonds until such proceeds are needed for the facilities to be financed;
 - b. amounts invested in a bona fide debt service fund, within the meaning of section 1.148-1(b) of the Regulations; and
 - c. amounts deposited in any reasonably required reserve or replacement fund to the extent such amounts do not exceed the least of maximum annual debt service on the Obligations, 125% of average annual debt service on the Obligations, or 10 percent of the stated principal amount (or, in the case of a discount, the issue price) of the Obligations;
26. the Obligations must include a provision requiring the City take all necessary steps to comply with the requirement that certain amounts earned on the investment of gross proceeds of the Obligations be rebated to the federal government in order to satisfy the requirements of section 148 of the Code. The Obligations must provide that the City will:

- a. account for all Gross Proceeds, as defined in the Code and Regulations, (including all receipts, expenditures and investments thereof) on its books of account separately and apart from all other funds (and receipts, expenditures and investments thereof) and retain all records of such accounting for at least six years after the final Computation Date. The City may, however, to the extent permitted by law, commingle Gross Proceeds of its Loan with other money of the City, provided that the City separately accounts for each receipt and expenditure of such Gross Proceeds and the obligations acquired therewith;
 - b. calculate the Rebate Amount, as defined in the Code and Regulations, with respect to its Loan, not less frequently than each Computation Date, in accordance with rules set forth in section 148(f) of the Code, section 1.148-3 of the Regulations, and the rulings thereunder. The City shall maintain a copy of such calculations for at least six years after the final Computation Date;
 - c. as additional consideration for the making of the Loan, and in order to induce the making of the Loan by measures designed to ensure the excludability of the interest on the TWDB's Source Series Bonds from the gross income of the owners thereof for federal income tax purposes, pay to the United States the amount described in paragraph (b) above within 30 days after each Computation Date;
 - d. exercise reasonable diligence to assure that no errors are made in the calculations required by paragraph (b) and, if such error is made, to discover and promptly to correct such error within a reasonable amount of time thereafter, including payment to the United States of any interest and any penalty required by the Regulations;
27. the Obligations must include a provision prohibiting the City from taking any action that would cause the interest on the Obligations to be includable in gross income for federal income tax purposes;
 28. the Obligations must provide that the City will not cause or permit the Obligations to be treated as "federally guaranteed" obligations within the meaning of section 149(b) of the Code;
 29. the transcript must include a No Arbitrage Certificate or similar Federal Tax Certificate setting forth the City's reasonable expectations regarding the use, expenditure and investment of the proceeds of the Obligations;
 30. the Obligations must contain a provision that the City will refrain from using the proceeds provided by this TWDB commitment or the proceeds of any prior bonds to pay debt service on another issue more than 90 days after the date of issue of the Obligations in contravention of the requirements of section 149(d) of the Code (relating to advance refundings);

31. the transcript must include evidence that the information reporting requirements of section 149(e) of the Code will be satisfied. This requirement may be satisfied by filing an IRS Form 8038 with the Internal Revenue Service. In addition, the applicable completed IRS Form 8038 or other evidence that the information reporting requirements of section 149(e) have been satisfied must be provided to the Executive Administrator within fourteen (14) days of closing. The Executive Administrator may withhold the release of funds for failure to comply;
32. the Obligations must provide that neither the City nor a related party thereto will acquire any of the TWDB's Source Series Bonds in an amount related to the amount of the Obligations to be acquired from the City by the TWDB;
33. the Authority's federal tax certificate shall provide that the weighted average maturity of the Obligations purchased by the TWDB does not exceed 120% of the weighted average reasonably expected economic life of the Project;

State Revolving Fund Conditions:

34. the City shall submit outlay reports with sufficient documentation on costs on a quarterly or monthly basis in accordance with TWDB outlay report guidelines;
35. the Obligations must include a provision stating that all laborers and mechanics employed by contractors and subcontractors for projects shall 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 City, all contractors, and all sub-contractors shall 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 financial assistance made available as provided herein shall insert in full in any contract in excess of \$2,000 the contracts clauses as provided by the TWDB;
36. the Obligations must include a provision stating that the City shall 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 City shall obtain a Data Universal Numbering System (DUNS) Number and shall register with System for Award Management (SAM), and maintain current registration at all times during which the Obligations are outstanding;
37. the Obligations shall provide that all loan proceeds will be timely and expeditiously used, as required by 40 CFR § 35.3135(d), and also shall provide that the City will adhere to the approved project schedule;

38. the Obligations must contain a covenant that the City 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;
39. the Obligations must contain a covenant that the City shall abide by the prohibition on certain telecommunications and video surveillance services or equipment as required by 2 CFR § 200.216;
40. the Obligations must contain a covenant that the City will abide by all applicable requirements related to the Build America, Buy America Act, Public Law 117-58;

Drinking Water State Revolving Fund Conditions:

41. the City shall pay at closing an origination fee approved by the Executive Administrator of the TWDB pursuant to 31 TAC Chapter 371;
42. prior to 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 City 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;
43. prior to the release of funds for professional consultants including, but not limited to, the engineer, financial advisor, and bond counsel, as appropriate, the City 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 for the Loan:

44. the Obligations shall be on parity with any existing obligations that are secured with the same pledge of security as the proposed Obligations; and
45. the Obligations shall be governed by the additional debt test and reserve requirement as provided in the outstanding \$65,750,000 City of San Angelo, Texas, Waterworks and Sewer System Improvement Revenue Bonds, Series 2019.

PROVIDED, however, the commitment is subject to the following special conditions:

Special Conditions:

46. prior to the release of funds for the costs of planning, engineering, architectural, legal, title, fiscal, or economic investigation, studies, surveys, or designs for that portion of a project that proposes surface water or groundwater development, the Executive Administrator must either issue a written finding that the City has the

right to use the water that the project financed by the TWDB will provide or a written determination that a reasonable expectation exists that such a finding will be made before the release of funds for construction; and

47. prior to the release of construction funds for that portion of a project that proposes surface water or groundwater development, the Executive Administrator must have issued a written finding that the City has the right to use the water that the project financed by the TWDB will provide.

APPROVED and ordered of record this 6th day of April, 2023.

TEXAS WATER DEVELOPMENT BOARD

Brooke T. Paup, Chairwoman

DATE SIGNED: _____

ATTEST:

Jeff Walker, Executive Administrator

Review Date:

Project ID:

WATER CONSERVATION REVIEW

- Water
- Wastewater
- Other

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:
Retail population:

Length of main lines (miles):
Connections per mile:

Water Loss
(gal/connection/day):
Water Loss GPCD:
ILI¹:

1 – Infrastructure Leakage Index only applicable if > 16 connections per mile and > 3,000 service connections

WATER LOSS THRESHOLDS

Water Loss Project:

Wholesale Adjusted:

Threshold Type

| | Apparent Loss Gallons per connection per day | Real Loss Gallons per mile per day | Real Loss Gallons per connection per day | Apparent Loss Threshold Gallons per connection per day | Real Loss Threshold Gallons per mile per day | Real Loss Threshold Gallons per connection per day |
|--|---|---------------------------------------|---|--|--|--|
| | | | | | | |

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.

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.

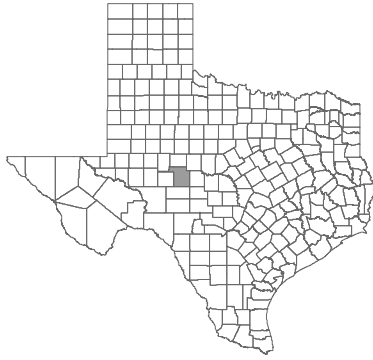
Water loss is the difference between the input volume and the authorized consumption within a water system. Water Loss consists of real losses and apparent losses.

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 size and 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.



City of San Angelo Tom Green County

