



PROJECT FUNDING REQUEST

BOARD DATE: January 22, 2026

Team Manager: Bill Blaik

ACTION REQUESTED

Consider approving by resolution a request from the City of Port Arthur (Jefferson County) for \$16,415,000 in financial assistance consisting of \$12,415,000 in financing and \$4,000,000 in principal forgiveness funding from the Drinking Water State Revolving Fund for design and construction of a water system improvements project.

STAFF RECOMMENDATION

Approve No Action

BACKGROUND

The City of Port Arthur (City) is located 90 miles east of Houston. The City provides water and wastewater services to a population of approximately 56,039 residents and approximately 17,774 water connections

PROJECT NEED AND DESCRIPTION

The City's water distribution system is 40 years old, and many of its water lines are made of cast iron and asbestos cement. The City estimates an average of 400 water breaks per year, losing approximately 4.5 billion gallons of water per year, and significantly exceeding its threshold for real water loss. The City received a Texas Commission on Environmental Quality violation in 2022 for operational issues due to mechanical failures and equipment issues and failure to maintain an up-to-date distribution map. In 2014, the City received Drinking Water State Revolving Fund financing for planning and design phases of the project. The attached budget includes those project costs.

The City proposes to replace approximately 114,186 feet of 6-inch to 20-inch water distribution lines, approximately five percent of the total system, 730 valves and 259 fire hydrants. The City also proposes to add 16 fire hydrants and 13,583 feet of new 6-inch to 16-inch water distribution lines to create looping in the system for improved water quality.

PROJECT SCHEDULE

Task	Schedule Date
Closing	April 15, 2026
Engineering Feasibility Report Completion (End of Planning Phase)	February 7, 2022
Design Phase Completion	June 30, 2026
Start of Construction	September 1, 2026
Construction Completion	September 30, 2028

COMMITMENT PERIOD: SIX (6) MONTHS TO EXPIRE JULY 31, 2026

KEY ISSUES

The City qualifies for \$4,000,000 in principal forgiveness as a disadvantaged community through the Drinking Water State Revolving Fund.

The City is above its threshold for real water loss. The proposed project includes replacing 114,186 feet of distribution lines with extensive water loss. The proposed project will help the City mitigate its real water loss.

LEGAL/SPECIAL CONDITIONS

- Executed principal forgiveness agreement
- Return of surplus funds

Attachments:

1. Financial Review
2. Project Budget
3. Resolution (26-)
4. Water Conservation Review
5. Location Map

Financial Review

City of Port Arthur

Attachment 1

Risk Score: 2B

Audit Reviewed: FY 2024

Key Indicators

Indicator	Result	Benchmark
Population Growth, Average Annual 2010-2020	City: 0.41%	State: 1.49%
Top 10 Customers % of Total Revenue	46%	10-15%
Median Household Income as % of State	62%	100%
Days of Cash on Hand (3-year Average)	21 days	30-149 days
Household Cost Factor	3.34%	1.51-2.00%
Net Fixed Assets/ Annual Depreciation	20 years	12-24 years
Debt Service Coverage Ratio	0.98x	1.10x
Debt-to-Operating Revenues	1.76	4.00-5.99x
Unemployment Rate (August, 2025)	City: 9.1%	State: 4.7%
Working Capital Ratio	0.51	> 1.0

Key Risk Score Strengths

- The assessed valuation has increased by 30 percent over the last 5 years, allowing the City to lower tax rates while broadening its taxable base to generate increased tax revenues.
- The City maintains a low debt to operating revenues ratio, indicating a sustainable debt burden that provides flexibility for future capital investments without overreliance on borrowing.

Key Risk Score Concerns

Based on 2024 audited revenues, the City is projected to require a \$11.17 utility rate increase in 2026. However, rate adjustments totaling \$24.32 implemented in 2025 have eliminated the need for that increase.

- The City's top 10 water customers account for 46 percent of utility revenues, with an energy company representing 33 percent of that total. A stress test was conducted excluding these revenues, which resulted in a projected additional rate increase of \$21.76 in 2026. The company maintains a strong, cooperative relationship with the City and has an excellent payment history.
- The cash balance ratio has declined by 6.75 percent over a five-year period due to City's participation in several major federally funded flood mitigation projects. These are reimbursement-based grants, requiring the City to cover the costs as project work is completed. The City now maintains only 21 days of cash on hand, below the state benchmark of 30 days. A rate study is being implemented to provide adjustments that will restore financial stability and support ongoing system needs.
- A material weakness was found in internal controls due to errors in financial reporting associated with untimely reconciliations, grant revenue recognition errors, and lack of review on key accounts. These were attributed to high staff turnover and challenges during a financial software transition. Since then, the City has added staff, fully transitioned its accounting software, and approved updated financial policies.

- The household cost factor is 3.05 percent, which is above the state benchmark. However, no additional rate increases are projected as part of the proposed funding. Over a five-year period, the City has experienced a 49 percent increase in utility revenues and 4 percent increase in customer connections.

PLEDGE

Legal Pledge Name	Combination Tax and Surplus System Revenues
Type of Pledge	<input type="checkbox"/> Tax <input type="checkbox"/> Revenue <input checked="" type="checkbox"/> Tax & Revenue <input type="checkbox"/> Contract <input type="checkbox"/> Other
Revenue Pledge Level	<input type="checkbox"/> First <input type="checkbox"/> Second <input checked="" 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	6,000	\$57.11	\$57.11	3.05	3.05
Wastewater	6,000	\$58.08	\$58.08		

TAXES

	2025 Tax Year Rate	Max Projected Tax Rate	Maximum Allowable Rate	3-Year Avg Current Tax Collections	Assessed Valuation
Maintenance & Operation	\$0.3656	\$0.3656	\$2.50	91%	\$4,858,063,414
Interest & Sinking	\$0.2501	\$0.2501			
Total Tax Rate	\$0.6157	\$0.6157			

Cost Savings

Based on a 30-year maturity schedule and current interest rates, the City could save approximately \$4,147,241 over the life of the financing. The City is also saving \$4,000,000 in principal forgiveness.

Project Data Summary

Responsible Authority	City of Port Arthur
Program	DWSRF
Commitment Number	L1002295, LF1002296
Project Number	62633
List Year	2022
Type of Pledge	Combo Tax and Revenue
Pledge Level (if applicable)	Third Lien
Legal Description	\$12,415,000 City of Port Arthur, Texas Combination Tax and Surplus Revenue Certificates of Obligation, Proposed Series 2026, \$4,000,000 Principal Forgiveness Agreement
Tax-exempt or Taxable	Tax-Exempt
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	Design and Construction
Pre-Design	Yes
Project Consistent with State Water Plan	Yes
Water Conservation Plan	Adopted
Overall Risk Score	2B

PROJECT TEAM

Team Manager	Financial Analyst	Engineering Reviewer	Environmental Reviewer	Attorney
Bill Blaik	Kyle DuQuesnay	Paul Jungen	Gayla Duaine	Michael Perez

ISSUE BEING EVALUATED
FOR ILLUSTRATION PURPOSES ONLY
City of Port Arthur

\$12,415,000 City of Port Arthur Combination Tax and Surplus Revenue Certificates of Obligation, Proposed Series 2026

Dated Date: 4/15/2026
 Delivery Date: 4/15/2026
 First Interest: 8/15/2026
 First Principal: 8/15/2026
 Last Principal: 8/15/2055
 Fiscal Year End: 09/30
 Required Coverage: 1.1

Source: DWSRF-EQUIVALENCY
 Rate: 3.10%
 IUP Year: 2022
 Case: Tax and Revenue
 Admin.Fee: \$243,431
 Admin. Fee Payment Date: 4/15/2026
 Total Assessed Valuation: \$4,858,063,414

FISCAL YEAR	CURRENT TAX RATE	TAX REVENUES WITH COLL. @ 91%	PROJECTED NET SYSTEM REVENUES	PROJECTED TOTAL REVENUES	CURRENT DEBT SERVICE	\$12,415,000 ISSUE			TOTAL DEBT SERVICE	COVERAGE	
						PRINCIPAL PAYMENT	INTEREST RATE	INTEREST PAYMENT			
2026	\$0.25010	\$11,068,665	\$12,822,157	\$23,890,822	\$18,775,801	\$275,000	1.57%	\$117,479	\$392,479	\$19,168,279	1.25
2027	\$0.25010	11,068,665	\$12,822,157	23,890,822	15,684,371	250,000	1.59%	348,118	598,118	16,282,489	1.47
2028	\$0.25010	11,068,665	\$12,822,157	23,890,822	15,378,645	255,000	1.61%	344,143	599,143	15,977,788	1.50
2029	\$0.25010	11,068,665	\$12,822,157	23,890,822	13,981,101	265,000	1.63%	340,038	605,038	14,586,138	1.64
2030	\$0.25010	11,068,665	\$12,822,157	23,890,822	13,997,848	275,000	1.73%	335,718	610,718	14,608,566	1.64
2031	\$0.25010	11,068,665	\$12,822,157	23,890,822	13,395,071	285,000	1.86%	330,961	615,961	14,011,032	1.71
2032	\$0.25010	11,068,665	\$12,822,157	23,890,822	13,386,108	295,000	1.98%	325,660	620,660	14,006,768	1.71
2033	\$0.25010	11,068,665	\$12,822,157	23,890,822	10,918,182	305,000	2.08%	319,819	624,819	11,543,001	2.07
2034	\$0.25010	11,068,665	\$12,822,157	23,890,822	10,922,532	315,000	2.21%	313,475	628,475	11,551,007	2.07
2035	\$0.25010	11,068,665	\$12,822,157	23,890,822	10,920,503	325,000	2.34%	306,513	631,513	11,552,016	2.07
2036	\$0.25010	11,068,665	\$12,822,157	23,890,822	10,916,087	340,000	2.52%	298,908	638,908	11,554,995	2.07
2037	\$0.25010	11,068,665	\$12,822,157	23,890,822	10,920,876	350,000	2.66%	290,340	640,340	11,561,216	2.07
2038	\$0.25010	11,068,665	\$12,822,157	23,890,822	10,258,486	365,000	2.77%	281,030	646,030	10,904,516	2.19
2039	\$0.25010	11,068,665	\$12,822,157	23,890,822	10,251,725	375,000	2.85%	270,920	645,920	10,897,644	2.19
2040	\$0.25010	11,068,665	\$12,822,157	23,890,822	10,253,897	390,000	2.93%	260,232	650,232	10,904,129	2.19
2041	\$0.25010	11,068,665	\$12,822,157	23,890,822	10,087,572	400,000	2.99%	248,805	648,805	10,736,377	2.23
2042	\$0.25010	11,068,665	\$12,822,157	23,890,822	8,146,563	415,000	3.06%	236,845	651,845	8,798,408	2.72
2043	\$0.25010	11,068,665	\$12,822,157	23,890,822	4,149,106	430,000	3.11%	224,146	654,146	4,803,252	4.97
2044	\$0.25010	11,068,665	\$12,822,157	23,890,822	2,446,350	445,000	3.15%	210,773	655,773	3,102,123	7.70
2045	\$0.25010	11,068,665	\$12,822,157	23,890,822	1,163,375	460,000	3.18%	196,756	656,756	1,820,131	13.13
2046	\$0.25010	11,068,665	\$12,822,157	23,890,822	-	480,000	3.20%	182,128	662,128	662,128	36.08
2047	\$0.25010	11,068,665	\$12,822,157	23,890,822	-	495,000	3.22%	166,768	661,768	661,768	36.10
2048	\$0.25010	11,068,665	\$12,822,157	23,890,822	-	510,000	3.24%	150,829	660,829	660,829	36.15
2049	\$0.25010	11,068,665	\$12,822,157	23,890,822	-	530,000	3.24%	134,305	664,305	664,305	35.96
2050	\$0.25010	11,068,665	\$12,822,157	23,890,822	-	550,000	3.25%	117,133	667,133	667,133	35.81
2051	\$0.25010	11,068,665	\$12,822,157	23,890,822	-	565,000	3.26%	99,258	664,258	664,258	35.97
2052	\$0.25010	11,068,665	\$12,822,157	23,890,822	-	585,000	3.26%	80,839	665,839	665,839	35.88
2053	\$0.25010	11,068,665	\$12,822,157	23,890,822	-	605,000	3.27%	61,768	666,768	666,768	35.83
2054	\$0.25010	11,068,665	\$12,822,157	23,890,822	-	630,000	3.28%	41,984	671,984	671,984	35.55
2055	\$0.25010	11,068,665	\$12,822,157	23,890,822	-	650,000	3.28%	21,320	671,320	671,320	35.59
				\$717,314,114	\$215,954,195	\$12,415,000		\$6,657,003	\$19,072,003	\$235,026,198	

AVERAGE (MATURITY) LIFE	17.32 YEARS
NET INTEREST RATE	3.096%
COST SAVINGS	\$ 4,147,241
AVERAGE ANNUAL REQUIREMENT	\$635,733

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
City of Port Arthur
62633 - Water Line Project**

Budget Items	Previous Commitments	This Commitment	Total
Construction			
Construction	\$0.00	\$14,415,977.00	\$14,415,977.00
Subtotal for Construction	\$0.00	\$14,415,977.00	\$14,415,977.00
Basic Engineering Services			
Construction Engineering	\$0.00	\$764,695.00	\$764,695.00
Design	\$967,500.00	\$60,000.00	\$1,027,500.00
Planning	\$100,000.01	\$0.00	\$100,000.01
Subtotal for Basic Engineering Services	\$1,067,500.01	\$824,695.00	\$1,892,195.01
Special Services			
Environmental	\$25,000.00	\$0.00	\$25,000.00
Geotechnical	\$75,000.00	\$0.00	\$75,000.00
Project Management (by engineer)	\$0.00	\$0.00	\$0.00
Surveying	\$375,000.01	\$0.00	\$375,000.01
Subtotal for Special Services	\$475,000.01	\$0.00	\$475,000.01
Fiscal Services			
Bond Counsel	\$30,980.00	\$57,000.00	\$87,980.00
Financial Advisor	\$18,516.62	\$69,500.00	\$88,016.62
Fiscal/Legal	\$5,000.00	\$20,000.00	\$25,000.00
Issuance Costs	\$20,000.00	\$55,000.00	\$75,000.00
Loan Origination Fee	\$45,770.00	\$243,431.00	\$289,201.00
Subtotal for Fiscal Services	\$120,266.62	\$444,931.00	\$565,197.62
Other			
Administration	\$208,000.00	\$0.00	\$208,000.00
Subtotal for Other	\$208,000.00	\$0.00	\$208,000.00
Contingency			
Contingency	\$209,233.36	\$729,397.00	\$938,630.36
Subtotal for Contingency	\$209,233.36	\$729,397.00	\$938,630.36
Total	\$2,080,000.00	\$16,415,000.00	\$18,495,000.00

A RESOLUTION OF THE TEXAS WATER DEVELOPMENT BOARD
 APPROVING AN APPLICATION FOR FINANCIAL ASSISTANCE IN THE AMOUNT OF
 \$16,415,000 TO THE CITY OF PORT ARTHUR
 FROM THE DRINKING WATER STATE REVOLVING FUND
 THROUGH THE PROPOSED PURCHASE OF
 \$12,415,000 CITY OF PORT ARTHUR, TEXAS COMBINATION TAX AND SURPLUS
 REVENUE CERTIFICATES OF OBLIGATION,
 PROPOSED SERIES 2026
 AND
 \$4,000,000 IN PRINCIPAL FORGIVENESS

(26 -)

Recitals:

The City of Port Arthur (City), located in Jefferson County, has applied for financial assistance in the amount of \$16,415,000 from the Drinking Water State Revolving Fund (DWSRF) to finance the design and construction of certain water system improvements identified as Project No. 62633.

The City seeks financial assistance from the Texas Water Development Board (TWDB) through the TWDB's proposed purchase of \$12,415,000 City of Port Arthur, Texas Combination Tax and Surplus Revenue Certificates of Obligation, Proposed Series 2026 (Obligations), together with all authorizing documents, and the execution of a Principal Forgiveness Agreement in an amount of \$4,000,000, all as is more specifically set forth in the application and in recommendations of the TWDB's staff.

The City has offered a pledge of ad valorem taxes and surplus revenues 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 § 371.13.

Findings:

1. The revenue 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. 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. The term of the Obligations does not exceed the expected useful life of the project proposed by the City.
4. 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.

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 consistent with the approved regional and state water plans, as required by Texas Water Code § 16.053(j).
6. The City 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).
7. The City meets the definition of “Disadvantaged Community” in 31 TAC § 371.1(24) and is therefore eligible for principal forgiveness in the amount of \$4,000,000.

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

A commitment is made by the TWDB to the City of Port Arthur for financial assistance in the amount of \$16,415,000 from the Drinking Water State Revolving Fund through the TWDB’s proposed purchase of \$12,415,000 City of Port Arthur, Texas Combination Tax and Surplus Revenue Certificates of Obligation, Proposed Series 2026 and the execution of a Principal Forgiveness Agreement in the amount of \$4,000,000. This commitment will expire on July 31, 2026.

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 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 the conditions set forth in the TWDB Resolution.
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 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.

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 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 City's Obligations, if the TWDB sells or otherwise transfers the Obligations, and the beneficial owners of the TWDB's bonds if the City is an obligated person with respect to those bonds under SEC Rule 15c2-12.
7. The Obligations must contain a provision requiring the City 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.
8. The Obligations must include a provision requiring the City 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 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 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.
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. Proceeds of this commitment are public funds. Therefore, 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. 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. 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.

13. Before closing, the City shall 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.
14. Before 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. Before 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 the City to 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 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).
22. The Obligations must provide that the City will submit annually an audit prepared by a certified public accountant in accordance with generally accepted auditing standards.

23. Before closing, the City shall submit to the escrow agent a closing memo signed by the Executive Administrator.

Tax-Exempt Conditions:

24. 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.
25. 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.
26. The Obligations must include a provision prohibiting the City from using the proceeds of this financial assistance 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 under section 141 (Regulations).
27. The Obligations must provide that no portion of the proceeds of this commitment 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 this commitment (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 the 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 the 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.
28. 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 to satisfy the requirements of section 148 of the Code. The Obligations must provide that the City must:

- a. account for all Gross Proceeds, as defined in the Code and Regulations, (including all receipts, expenditures, and investments) on its books of account separately and apart from all other funds (and receipts, expenditures and investments) and retain all records of the 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 financing with other money of the City, provided that the City separately accounts for each receipt and expenditure of the Gross Proceeds and the obligations acquired with them;
 - b. calculate the Rebate Amount, as defined in the Code and Regulations, with respect to its financing, 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 under these sections. The City shall maintain a copy of the calculations for at least six years after the final Computation Date;
 - c. as additional consideration for the making of this commitment, and to induce the making of the commitment by measures designed to ensure the excludability of the interest on the TWDB's Source Series Bonds from the gross income of the owners for federal income tax purposes, pay to the United States the amount described in paragraph (b) above within 30 days after each Computation Date; and
 - d. exercise reasonable diligence to assure that no errors are made in the calculations required by paragraph (b) and, if an error is made, to discover and promptly to correct the error within a reasonable amount of time including payment to the United States of any interest and any penalty required by the Regulations;
29. 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.
 30. 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.
 31. 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.
 32. 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).

33. 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.
34. The Obligations must provide that neither the City nor a related party 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.
35. The City'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;

36. The City shall submit outlay reports with sufficient documentation on costs on a quarterly or monthly basis in accordance with TWDB outlay report guidelines.
37. 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 the financial assistance made available shall insert in full in any contract in excess of \$2,000 the contracts clauses as provided by the TWDB.
38. 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 Unique Entity Identification Number and shall register with System for Award Management (SAM) and maintain current registration at all times during which the Obligations are outstanding.
39. The Obligations shall provide that all financial assistance proceeds will be timely and expeditiously used, as required by 40 CFR § 35.3135(d), and shall provide that the City will adhere to the approved project schedule.
40. The Obligations and Principal Forgiveness Agreement 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.

41. The Obligations and Principal Forgiveness Agreement 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.
42. The Obligations and Principal Forgiveness Agreement 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 and 2 CFR part 184.

Drinking Water State Revolving Fund Conditions;

43. The City shall pay at closing an origination fee approved by the Executive Administrator of the TWDB pursuant to 31 TAC Chapter 371.
44. 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 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.
45. Before 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;

46. The Obligations must contain a provision that provides as follows:
 - a. if system revenues are actually on deposit in the Interest and Sinking Fund in advance of the time when ad valorem taxes are scheduled to be levied for any year, then the amount of taxes which otherwise would have been required to be levied and collected may be reduced to the extent and by the amount of revenues then on deposit in the Interest and Sinking Fund; or
 - b. if surplus revenues are based upon budgeted amounts:
 - i. the Obligations must include a requirement that the City transfer and deposit in the Interest and Sinking Fund each month an amount of not less than 1/12th of the annual debt service on the Obligations until the amount on deposit in the Interest and Sinking Fund equals the amount required for annual debt service on the Obligations; further, that the ordinance authorizing the issuance of the Obligations must include a requirement that the City shall not transfer any funds from the City's pledged system revenues to any fund other than the Interest and Sinking Fund until an amount equal to the annual debt service on the Obligations for the then-current fiscal year has been deposited in the Interest and Sinking Fund;

- ii. the Obligations must include a requirement that for each year the Obligations are outstanding, and before the time taxes are to be levied for that year, the City shall establish, adopt, and maintain an annual budget that provides for either the monthly deposit of sufficient surplus pledged revenues or tax revenues or both, the monthly deposit of any other legally available funds on hand at the time of the adoption of the annual budget, or a combination of these, into the Interest and Sinking Fund for the repayment of the Obligations; and
- iii. the Obligations must include a requirement that the City shall at all times maintain and collect sufficient rates and charges in conjunction with any other legally available funds so that after payment of the costs of operating and maintaining the system, it produces revenues in an amount not less than 1.10 times debt service requirements of all outstanding Obligations of the City and other obligations of the City which are secured in whole or in part by the pledged revenues, for which the City is budgeting the repayment of the Obligations, or the City shall provide documentation which evidences the levy and collection of an ad valorem tax rate dedicated to the Interest and Sinking Fund, in conjunction with any other legally available funds, sufficient for the repayment of debt service requirements.

Special Conditions:

- 47. Before closing, the City shall execute a Principal Forgiveness Agreement in a form and substance acceptable to the Executive Administrator.
- 48. The Principal Forgiveness Agreement must include a provision stating that the City shall return any principal forgiveness funds that are determined to be surplus funds.

APPROVED and ordered of record this 22nd day of January, 2026.

TEXAS WATER DEVELOPMENT BOARD

L'Oreal Stepney, P.E., 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:

Validation Required:

Validation Performed:

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:

Apparent Loss GCD

Real Loss GCD

Threshold Type:

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 benchmarking 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.



City of Port Arthur Jefferson County

