

This Agenda is posted pursuant to Chapter 551, Texas Government Code

**Matters to Come Before a Meeting of the Board of Directors
of Tarrant Regional Water District**

To Be Held the 25th Day of July 2024 at 2:00 p.m.

Front Doors to the Main Admin Building at 800 East Northside Drive Will Open to the Public at 1:30 p.m. and Close Fifteen (15) Minutes After the Meeting Adjourns

TRWD Board Room
800 East Northside Drive
Fort Worth, Texas 76102

PLEASE BE ADVISED THAT A QUORUM OF THE BOARD OF DIRECTORS OF TRWD WILL CONVENE ON THE ABOVE DATE AND TIME FOR THE PURPOSE OF CONSIDERING AND ACTING UPON THE MATTERS SET FORTH IN THIS AGENDA. THE LINK TO VIEW AND LISTEN TO THE MEETING VIA INTERNET IS <HTTPS://WWW.TRWD.COM/BOARDVIDEOS>. A RECORDING OF THE MEETING WILL ALSO BE AVAILABLE AT <HTTPS://WWW.TRWD.COM/BOARDVIDEOS>.

1. Pledges of Allegiance

2. Public Comment

Citizens may present public comment at this time, limited to a total time of three (3) minutes per speaker, unless the speaker addresses the Board through a translator, in which case the limit is a total time of six (6) minutes. Each proposed speaker must have completed and submitted a speaker card prior to the commencement of the meeting, identifying any agenda item number(s) and topic(s) the speaker wishes to address with the Board. By law, the Board may not deliberate, debate, or take action on public comment but may place the item on a future agenda.

3. Discussion of Proposed Fiscal Year 2025 Revenue Fund Budget

4. Executive Session under Texas Government Code:

Section 551.071 of the Texas Government Code, for Private Consultation with its Attorney about Pending or Contemplated Litigation or on a Matter in which the Duty of the Attorney to the Governmental Body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas Clearly Conflicts with this Chapter

5. Future Agenda Items

6. Schedule Next Board Meeting

7. Adjourn



**Fiscal Year 2025
Revenue Fund
Operating Budget**

**Proposed
Board Budget Workshop #1
July 25, 2024**

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Summarized FY25 Proposed Expenditure Budgets

Expenditures	Revenue Fund FY25 Proposed	General Fund FY25 Proposed	Special Projects/ Contingency Fund FY25 Proposed	Total Expenditures
Debt Service/Project Costs	\$ 89,713,179	\$ -	\$ 8,796,348	\$ 98,509,527
Pumping Power	19,000,000			19,000,000
<u>Maintenance</u>				
Pipeline & Pump Station	5,490,500			5,490,500
Pipeline Chemicals	1,830,000			1,830,000
Facilities & Grounds Maintenance	3,293,430	1,470,250		4,763,680
Equipment & Fleet	1,240,440	640,504		1,880,944
Maintenance Support	971,950	1,004,195		1,976,145
Benbrook Reservoir O&M	650,000			650,000
Stream Gauging Stations	315,000	202,000		517,000
Total Maintenance	13,791,320	3,316,949		17,108,269
<u>Enrivonmental Stewardship & Public Outreach</u>				
Water Conservation Program	3,410,502			3,410,502
Watershed Protection	405,650			405,650
Water Quality Programs	416,961	19,500		436,461
Environmental Stewardship		47,770		47,770
Public Outreach & Events	130,429	835,198		965,628
Total Environmental Stewardship & Public Outreach	4,363,542	902,468		5,266,011
System Improvements & Capital Equipment	13,875,245	4,539,500		18,414,745
Property Taxes Paid to TIF's		568,249		568,249
Canals			45,000,000	45,000,000
La Grave Stadium			-	-
Land Strategy			100,000	100,000
Panther Island Consulting			350,000	350,000
<u>Support Services</u>				
Employee Related	36,350,953	14,626,798		50,977,750
Professional Services	4,136,404	1,903,734		6,040,138
Administrative Support	2,840,243	2,510,091		5,350,333
Information Technology	2,515,074	940,867		3,455,940
Total Support Services	45,842,674	19,981,489		65,824,162
Total Expenditures	\$ 186,585,960	\$ 29,308,655	\$ 54,246,348	\$ 270,140,963

Summarized FY25 Proposed Revenue Budgets

Revenues	Revenue Fund FY25 Proposed	General Fund FY25 Proposed	Special Projects/ Contingency Fund FY25 Proposed	Total Revenues
Sale of Water	\$ 176,490,961	\$ -	\$ -	\$ 176,490,961
Taxes		29,900,000		29,900,000
TIF Revenues			8,796,348	8,796,348
Oil & Gas Revenues			5,000,000	5,000,000
Dallas Water Utility - IPL	3,975,000			3,975,000
Interest Income	3,500,000	-	2,750,000	6,250,000
Contributions	1,229,768			1,229,768
Other Water Sales	620,000			620,000
Recreation Revenues			1,049,968	
Leases, Permits, & Other Income	770,231		1,307,653	2,077,884
Total Revenues	\$ 186,585,960	\$ 29,900,000	\$ 18,903,969	\$ 234,339,961

Revenue Fund Water Supply



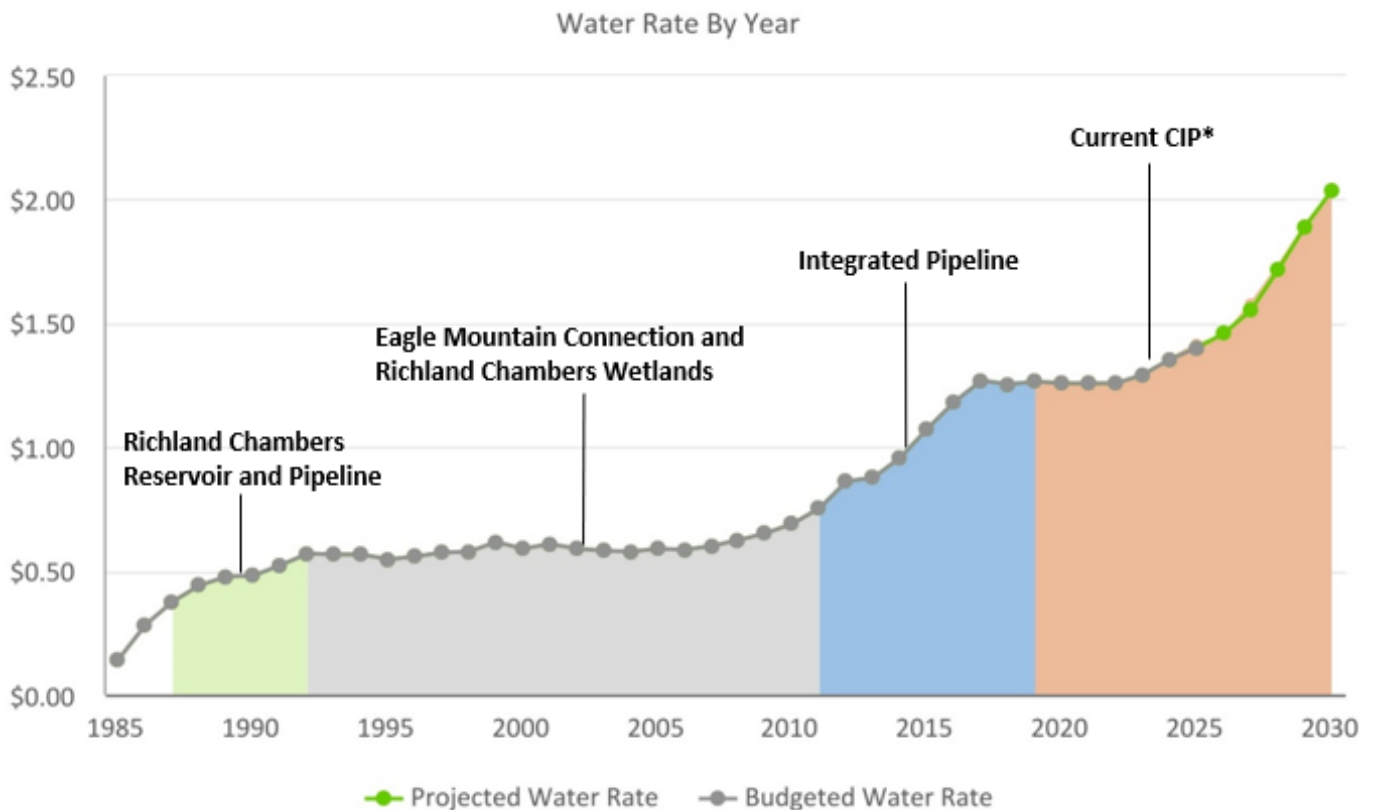
TRWD Revenue Fund - Water Supply FY25 Budget Highlights

Tarrant Regional Water District ("the District") exists to enrich communities and improve the quality of life through water supply and flood control. The District has approved a strategic plan to invest in our people, meet the rapid growth in our communities, further enhance our fiscal responsibility, and improve community stewardship.

The Revenue Fund budget for fiscal year 2025 shows an increase in the water rate due to \$1 billion of large capital projects over the next 5 years and higher maintenance and support services costs. All of these cost increases are described in more detail in the expense portion of the budget.

Some of the major projects in current CIP are shown below.

- **Cedar Creek Wetlands** – This wetland facility is planned to allow water reclamation and enhance storage supply and yield of Cedar Creek Reservoir.
- **Aging Infrastructure Replacements** – The Cedar Creek Pipeline Replacement project is replacing distressed pipe on the 50 year old pipeline (see CIP presentation for age). The older pipe is being replaced with larger 90" and 102" welded steel pipes which will provide increased water deliver capacity.
- **Expanded Balancing Reservoir Capacity** - The KBR Phase 4 project is adding a new 165-million-gallon third cell at KBR providing additional emergency storage and optimized time-of-day capability.
- **Operations Facility** - The older operations facility no longer met work needs of staff and material storage was beyond maximum capacity; the new compound will accommodate the current workload and allow for future growth.
- **IPL Connection to Richland Chambers** - The new Section 16 IPL Pipeline will connect the future JRC1 pump station on Richland Chambers reservoir to the rest of the IPL water transmission system.



TRWD Revenue Fund - Water Supply FY25 Budget Summary

TRWD Purpose

Enriching communities and improving the quality of life through water supply, flood control, and recreation.

Water Supply Overview

TRWD supplies water to more than 2 million people in an 11-county service area, making it one of the largest water suppliers in the state. The District provides raw water to more than 50 direct wholesale customers in north central Texas, the largest of which include Fort Worth, Arlington, Mansfield, and the Trinity River Authority.

The District's service area population is projected to nearly double in the next 50 years. In anticipation of this growth, the District has begun planning for enough new water supply sources to provide water supply reliability through the year 2050. TRWD is developing a long-range water supply resilience and diversification plan to ensure a reliable water supply in extreme and challenging conditions, including power outages and climate change. TRWD is also pioneering the work to determine how to optimize regional water supply across north central Texas.

Proposed FY25 Revenue Fund Budget

Expenditures	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Change %
Operating Expenditures	\$ 68,106,462	\$ 78,011,875	\$ 82,997,536	6.39 %
System Improvements & Capital Equipment	13,729,797	10,546,929	13,875,245	31.56 %
Debt Service	73,355,233	83,204,886	89,713,179	7.82 %
Total Expenditures	\$ 155,191,492	\$ 171,763,691	\$ 186,585,960	8.63 %

Revenues	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Change %
Sale of Water	\$ 145,806,936	\$ 164,091,374	\$ 176,490,960	7.56 %
Dallas Water Utility - IPL	2,225,253	3,590,578	3,975,000	10.71 %
Interest Income	3,718,278	1,600,000	3,500,000	118.75 %
Water Conservation Contributions	1,179,296	1,229,768	1,229,768	— %
Other Income	2,261,729	1,251,971	1,390,232	11.04 %
Total Revenues	\$ 155,191,492	\$ 171,763,691	\$ 186,585,960	8.63 %

	FY23 Actual Rate	FY24 Budgeted Approved Rate	FY25 Budgeted Proposed Rate	Change %
System Rate	\$ 1.06830	\$ 1.35479	\$ 1.40014	3.35 %

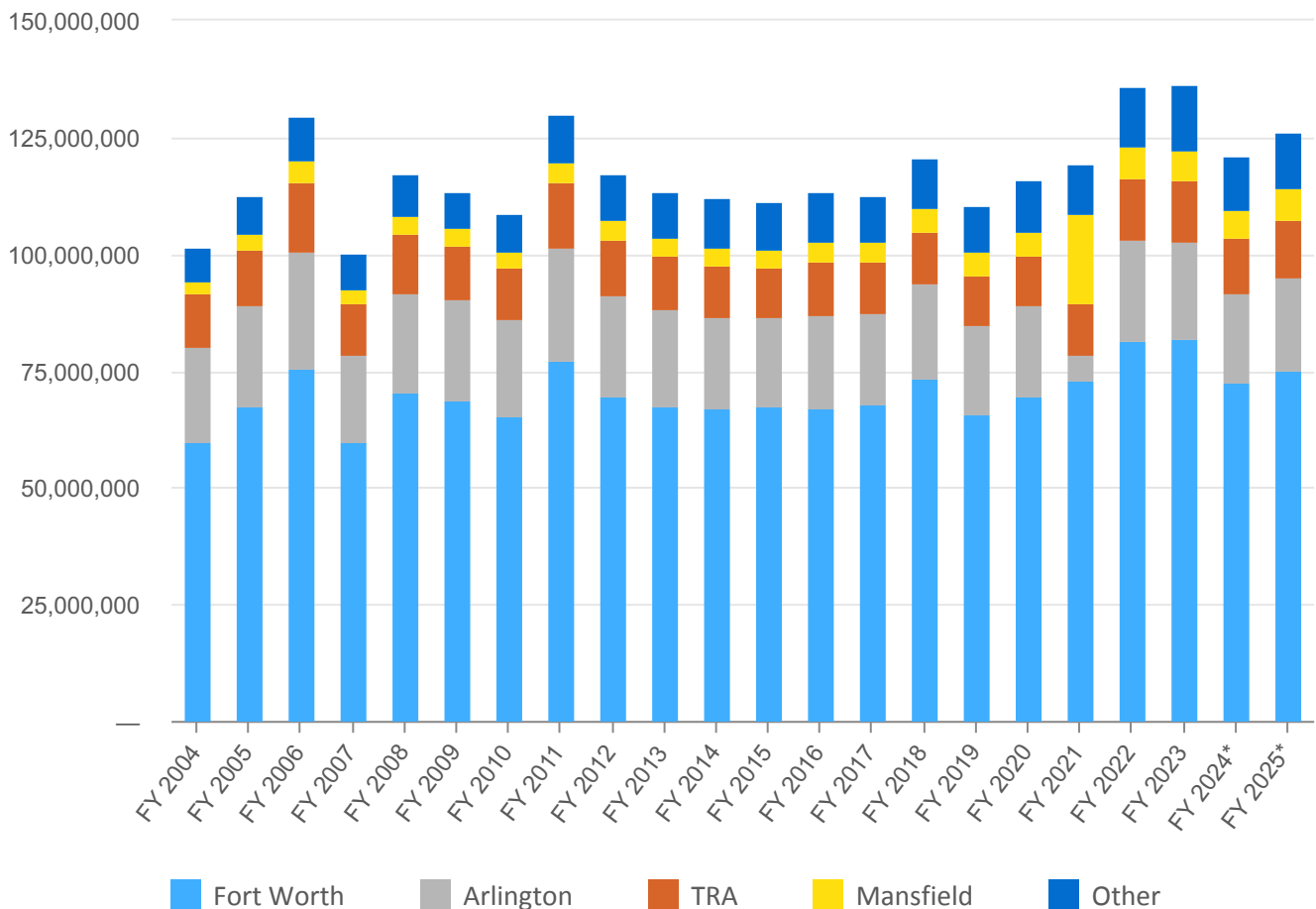
Water Supply Demands

Demand for water supply is based on many factors including population growth, water conservation, weather patterns, lake levels, and changing population lifestyles. All of these factors impact both current and future demands. The District continues to focus on water affordability as well as preparing for those future demands.

The graph below shows water usage for the past 20 years and budgeted usage for fiscal years 2024 and 2025. The District is currently preparing for future demands by expanding transmission system infrastructure, developing new sources of supply, and replacing aging infrastructure.

Note that the timing for new water supply sources and transmission system expansion is based on projections for dry-year usage to ensure adequate system capacity for all customers during those years. In the graph below, the years 2006, 2011, 2022, and 2023 are examples of dry years with higher water usage. The data from these types of years is considered and provides valuable input for the models that project future dry-year water supply needs.

Usage by Customer (000's gallons)



*Budgeted Usage

System Rate Calculation

The sale of water revenue is estimated using the budgeted raw water rate multiplied by the estimated water usage for fiscal year 2025. This budgeted rate, expressed in dollars per 1,000 gallons, is calculated by taking the budgeted expenditures for fiscal year 2025, subtracting other income sources, and dividing that number by the estimated usage in gallons. Each fiscal year, the four primary customers provide their estimated usage for the year. The other customers' estimated usage is based on historical data combined with overall customer trends.

Net System Revenue Requirements	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Variance	Change %
Total Expenditures	\$ 155,191,492	\$ 171,763,691	\$ 186,585,960	\$ 14,822,269	8.63 %
Less: Other Revenues Not Through Sale of Water	(9,384,504)	(7,672,317)	(10,095,000)	(2,422,683)	31.58 %
Net System Revenue Requirement	\$ 145,806,988	\$ 164,091,374	\$ 176,490,960	\$ 12,399,586	7.56 %

Projected Usage Gallonage (000's)	FY23 Actual Water Usage	FY24 Budgeted Water Usage	FY25 Budgeted Water Usage	Variance	Change %
Fort Worth	81,801,560	72,796,920	75,138,820	2,341,900	3.22 %
Arlington	20,887,751	19,064,016	19,863,483	799,467	4.19 %
Trinity River Authority	13,344,656	11,670,485	12,511,573	841,088	7.21 %
Mansfield	6,490,665	6,163,193	6,656,180	492,987	8.00 %
Other Customers	13,960,697	11,425,000	11,882,000	457,000	4.00 %
Total Gallonage (000's)	136,485,329	121,119,614	126,052,056	4,932,442	4.07 %

Calculated System Rate	FY23 Actual Rate	FY24 Budgeted Approved Rate	FY25 Budgeted Proposed Rate	Variance	Change %
District Rate	\$ 1.06830	\$ 1.35479	\$ 1.40014	\$ 0.04535	3.35 %

System Rate Model

The District utilizes a rate model to project future water rates. The District’s estimated water supply expenses are combined with projections for raw water usage to calculate a projected water rate for future years. Projected Operations and Maintenance expenses are estimated to increase 10% each year, while Pumping Power and Capital/System Improvements are generally held steady. Usage projections for fiscal year 2025 are provided by the customers. Usage for future years is the greater of customer projections or the dry-year model projections.

	FY24 Approved	FY25 Proposed	FY26 Projected	FY27 Projected
SYSTEM OPERATIONS				
Operations and Maintenance	\$ 60,107,126	\$ 63,997,536	\$ 70,397,289	\$ 77,437,018
Pumping Power	18,000,000	19,000,000	19,000,000	19,000,000
Capital & System Improvements	10,451,679	13,875,245	10,000,000	10,000,000
TOTAL SYSTEM OPERATIONS	88,558,805	96,872,781	99,397,289	106,437,018
CURRENT DEBT SERVICE	\$ 77,417,986	\$ 79,985,204	\$ 79,967,747	\$ 80,016,496
PROPOSED BOND DEBT SERVICE				
ECP Bonds	5,757,900	5,565,000	3,000,000	3,000,000
2025 Issue - \$150 mil		4,133,625	10,641,375	10,641,500
2026 Issue - \$150 mil			4,133,625	10,641,375
2027 Issue - \$270 mil				7,202,875
2028 Issue - \$270 mil				
2029 Issue - \$270 mil				
2030 Issue - \$240 mil				
BOND PAYING AGENT FEES	29,000	29,350	29,700	30,050
TOTAL PROPOSED BOND DEBT SERVICE	5,786,900	9,727,975	17,804,700	31,515,800
TOTAL DEBT SERVICE	83,204,886	89,713,179	97,772,447	111,532,296
TOTAL EXPENDITURES	\$ 171,763,691	\$ 186,585,960	\$ 197,169,736	\$ 217,969,314
LESS: OTHER INCOME	\$ 7,672,317	\$ 10,095,000	\$ 10,420,000	\$ 11,120,000
NET SYSTEM REQUIREMENTS	\$ 164,091,374	\$ 176,490,960	\$ 186,749,736	\$ 206,849,314
PROJECTED WATER USE (1000 GAL.)				
	2024	2025	2026	2027
FORT WORTH	72,796,920	75,138,820	75,432,760	79,905,342
ARLINGTON	19,064,016	19,863,483	21,197,676	21,456,887
TRINITY RIVER AUTHORITY	11,670,485	12,511,573	12,728,432	12,849,897
MANSFIELD	6,163,193	6,656,180	6,789,304	6,925,090
OTHER	11,425,000	11,882,000	12,100,000	12,300,000
TOTAL USAGE	121,119,614	126,052,056	128,248,172	133,437,216
PROJECTED SYSTEM WATER RATES (\$/1000 GAL.)				
System Rate	\$ 1.35479	\$ 1.40014	\$ 1.45616	\$ 1.55016
PROJECTED SYSTEM REVENUE: (\$)				
FORT WORTH	\$ 98,624,378	\$ 105,205,126	\$ 109,842,096	\$ 123,866,232
ARLINGTON	25,827,696	27,811,725	30,867,188	33,261,653
TRINITY RIVER AUTHORITY	15,811,031	17,517,997	18,534,621	19,919,423
MANSFIELD	8,349,819	9,319,607	9,886,306	10,735,012
OTHER	15,478,450	16,636,504	17,619,525	19,066,994
TOTAL SYSTEM REVENUE	\$ 164,091,374	\$ 176,490,960	\$ 186,749,736	\$ 206,849,314

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System Rate Model

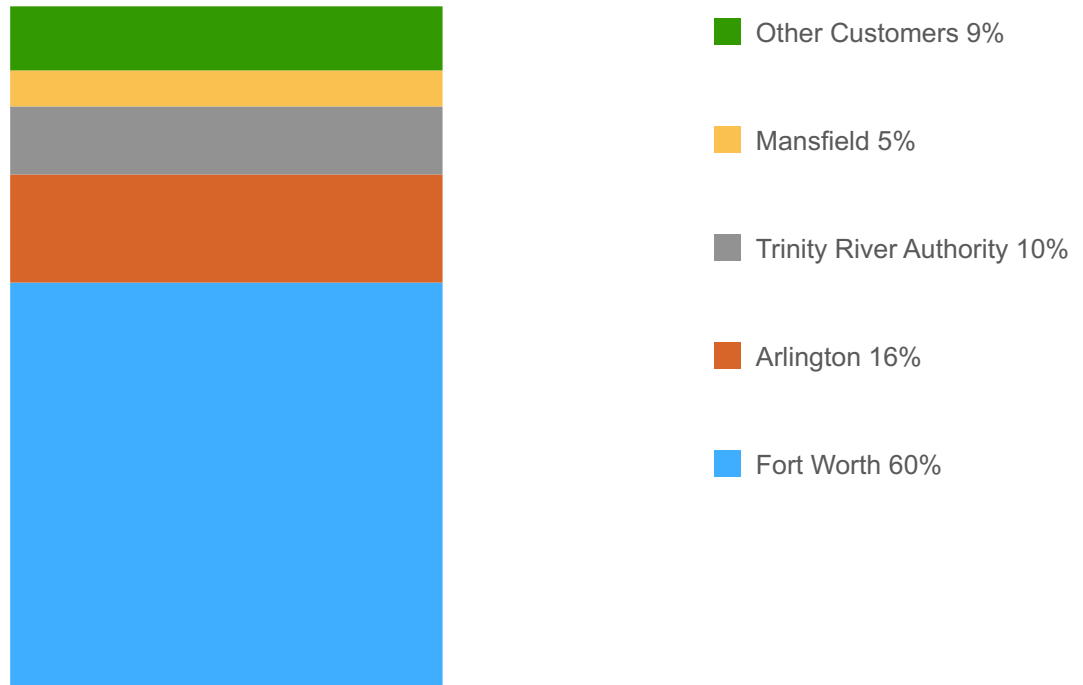
	FY28 Projected	FY29 Projected	FY30 Projected
SYSTEM OPERATIONS			
Operations and Maintenance	\$ 85,180,720	\$ 94,763,221	\$ 105,995,850
Pumping Power	19,000,000	19,000,000	19,000,000
Capital & System Improvements	10,000,000	10,000,000	10,000,000
TOTAL SYSTEM OPERATIONS	114,180,720	123,763,221	134,995,850
CURRENT DEBT SERVICE	\$ 79,914,963	\$ 79,862,226	\$ 75,639,440
PROPOSED BOND DEBT SERVICE			
ECP Bonds	3,000,000	3,000,000	3,000,000
2025 Issue - \$150 mil	10,640,250	10,642,250	10,642,125
2026 Issue - \$150 mil	10,641,500	10,640,250	10,642,250
2027 Issue - \$270 mil	18,539,750	18,542,250	18,543,500
2028 Issue - \$270 mil	7,202,875	18,539,750	18,542,250
2029 Issue - \$270 mil		7,202,875	18,539,750
2030 Issue - \$240 mil			6,473,000
BOND PAYING AGENT FEES	30,400	30,750	31,100
TOTAL PROPOSED BOND DEBT SERVICE	50,054,775	68,598,125	86,413,975
TOTAL DEBT SERVICE	129,969,738	148,460,351	162,053,415
TOTAL EXPENDITURES	\$ 244,150,458	\$ 272,223,572	\$ 297,049,265
LESS: OTHER INCOME	\$ 11,820,000	\$ 12,020,000	\$ 12,220,000
NET SYSTEM REQUIREMENTS	\$ 232,330,458	\$ 260,203,572	\$ 284,829,265
PROJECTED WATER USE (1000 GAL.)			
	2028	2029	2030
FORT WORTH	81,328,036	82,750,729	84,173,422
ARLINGTON	21,716,098	21,975,309	22,234,520
TRINITY RIVER AUTHORITY	12,978,396	13,138,156	13,238,156
MANSFIELD	7,063,592	7,204,864	7,304,864
OTHER	12,500,000	12,700,000	12,900,000
TOTAL USAGE	135,586,122	137,769,058	139,850,962
PROJECTED SYSTEM WATER RATES (\$/1000 GAL.)			
System Rate	\$ 1.71353	\$ 1.88869	\$ 2.03666
PROJECTED SYSTEM REVENUE: (\$)			
FORT WORTH	\$ 139,357,772	\$ 156,290,793	\$ 171,432,885
ARLINGTON	37,211,117	41,504,631	45,284,222
TRINITY RIVER AUTHORITY	22,238,830	24,813,954	26,961,661
MANSFIELD	12,103,654	13,607,782	14,877,545
OTHER	21,419,085	23,986,412	26,272,951
TOTAL SYSTEM REVENUE	\$ 232,330,458	\$ 260,203,572	\$ 284,829,265

Water Usage Projections

The District's four primary customers, the cities of Fort Worth, Arlington, Mansfield, and the Trinity River Authority, provide an estimate of their usage to the District each year. The usage for other customers is estimated using historical data of reported usage.

Gallage (000'S)	FY23 Actual Water Usage	FY24 Budgeted Water Usage	FY25 Budgeted Water Usage	Variance	Change %
Fort Worth	81,801,560	72,796,920	75,138,820	2,341,900	3.22 %
Arlington	20,887,751	19,064,016	19,863,483	799,467	4.19 %
Trinity River Authority	13,344,656	11,670,485	12,511,573	841,088	7.21 %
Mansfield	6,490,665	6,163,193	6,656,180	492,987	8.00 %
Other Customers	13,960,697	11,425,000	11,882,000	457,000	4.00 %
Total Gallage (000's)	136,485,329	121,119,614	126,052,056	4,932,442	4.07 %

FY25 Budgeted Water Usage



Revenue Fund: Expenditures

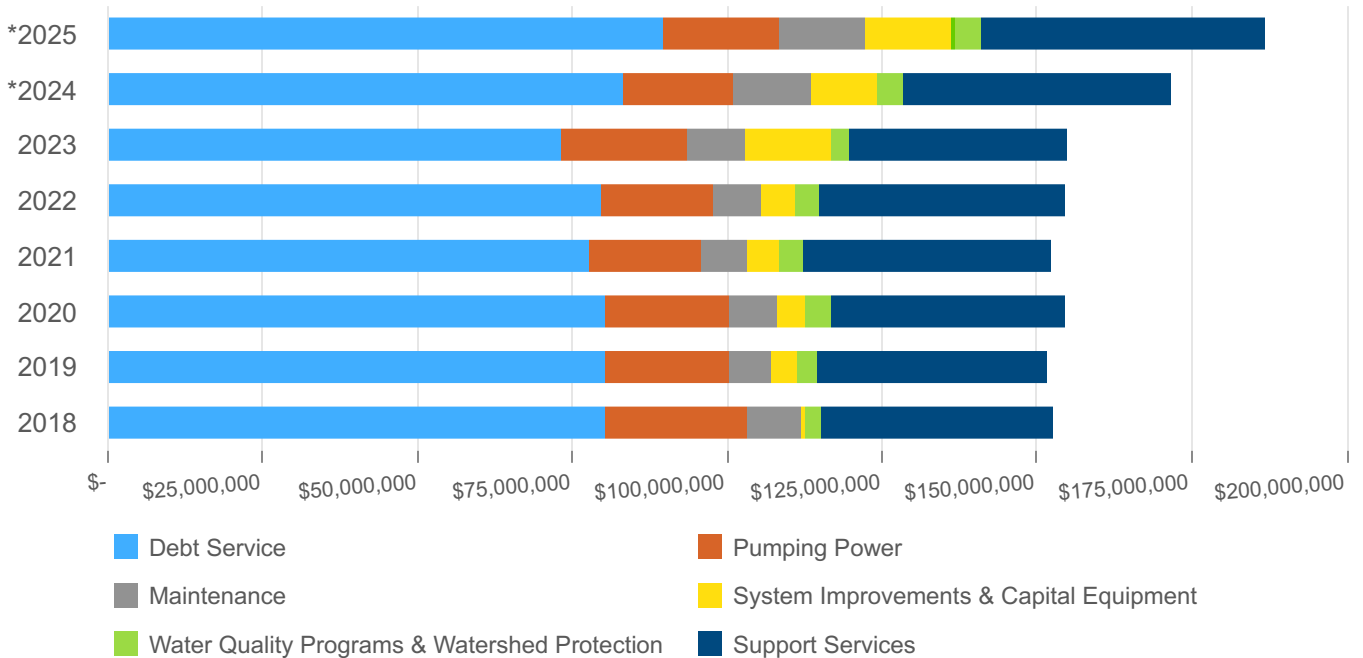
Expenditures Summary

Delivering a reliable and resilient water supply to over 2 million customers requires a combination of long-term planning and constant evaluation of the current system needs. Pumping power and maintenance provide a consistent supply of water through the existing system, while debt issuances for large capital projects, system improvements, and capital equipment allow the District to continue building the system needed to meet the rapid growth in the community. In fiscal year 2025, all of these areas are budgeted to increase due to large capital projects, aging infrastructure, and system studies for long-term planning and efficiencies.

The system is supported through administrative and professional services, information technology, and a diverse, well-trained workforce committed to being ready when the public needs them most. The fiscal year 2025 budget includes increases in headcount and technology to match the increasing system size.

Budget Categories	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Variance
Debt Service	\$ 73,355,233	\$ 83,204,886	\$ 89,713,179	\$ 6,508,293
Pumping Power	20,272,037	18,000,000	19,000,000	1,000,000
Maintenance	9,479,559	12,685,836	13,791,320	1,105,484
System Improvements & Capital Equipment	13,729,797	10,546,929	13,875,245	3,328,316
Water Quality Programs & Watershed Protection	3,133,111	4,024,455	4,363,542	339,087
Support Services	35,221,755	43,301,584	45,842,673	2,541,089
Total Expenditures	\$ 155,191,492	\$ 171,763,691	\$ 186,585,960	\$ 14,822,269

Revenue Fund Expenditures



*Budgeted amounts

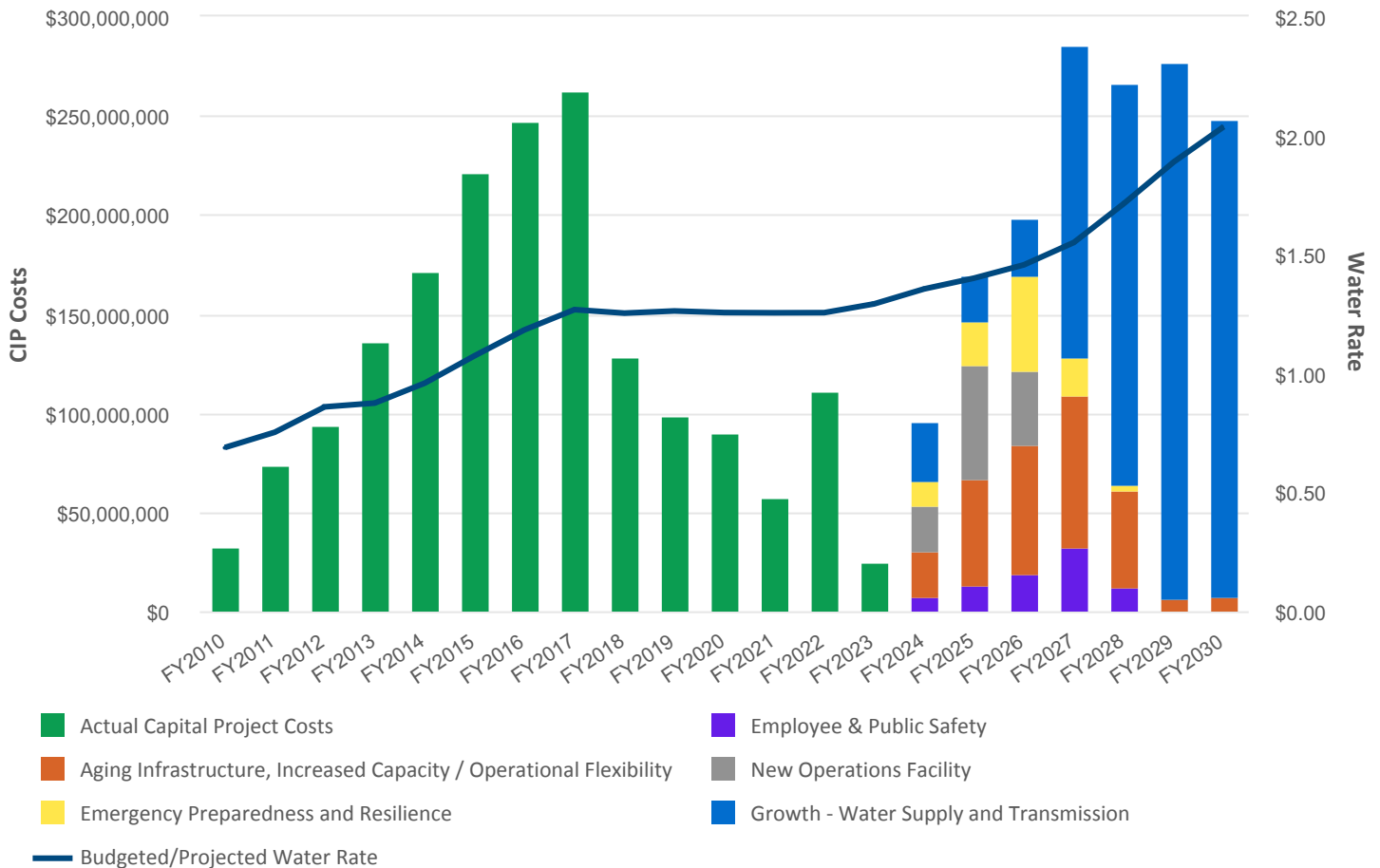
Debt Service Expenditures

The District is sensitive to the tension always present in providing reliable water supply service at the most affordable level. One key factor in keeping the water supply rate low is the issuance of debt, which distributes costs between current and future rate payers.

The \$6.5 million increase in debt service is due to the \$100 million 2024 bond issuance and the anticipated \$150 million 2025 bond issuance to support large capital projects, including the new Cedar Creek wetlands, replacement of aging infrastructure, expanded balancing reservoir capacity, a new operations facility, and the start of the IPL connection to Richland Chambers.

	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Variance
Bonds Payable	\$ 40,255,000	\$ 41,150,000	\$ 40,895,000	\$ (255,000)
Interest Expense	33,071,744	36,271,336	43,223,829	6,952,493
ECP Bonds	—	5,757,900	5,565,000	(192,900)
Bond Issuance Expense	23,000	20,000	23,000	3,000
Paying Agent Fees	5,489	5,650	6,350	700
Total Debt Service	\$ 73,355,233	\$ 83,204,886	\$ 89,713,179	\$ 6,508,293

Capital Improvements by Year - Adopted CIP

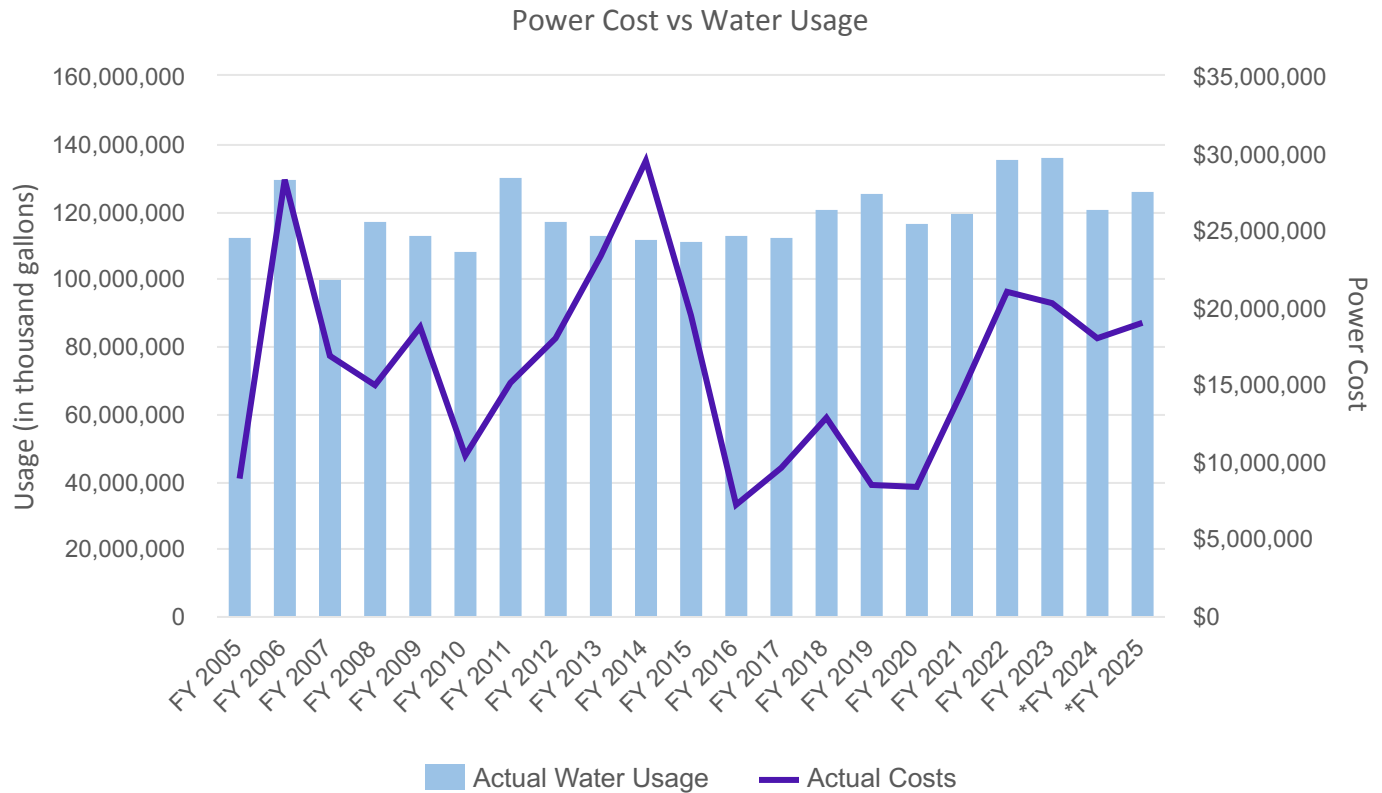


Pumping Power Expenditures

Pumping power is the cost of electricity needed to deliver water to the District's customers. Water usage and costs do not always have a direct correlation. From fiscal year 2014 to fiscal year 2016 the actual water usage stayed fairly level, but the cost of power dropped from \$30 million to \$10 million. The greater impact on actual costs is the amount of rainfall leading into the fiscal year and the overall unit cost of electricity.

Due to the unpredictability of rainfall and power costs, the District and the Customer Advisory Committee have agreed to maintain a steady pumping power budget to reduce budget volatility since the amount of water to be pumped each year can fluctuate greatly. To help offset costs in years where pumping power is higher than budget, the customers also approved a pumping power contingency fund that is currently fully funded at \$5 million. However, this year the District is recommending a \$1 million increase to the pumping power budget due to a significant increase in the price of electricity.

	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Variance
Pumping Power	\$ 20,272,037	\$ 18,000,000	\$ 19,000,000	\$ 1,000,000



*Budgeted amounts

Maintenance Expenditures

The water supply maintenance budget consists of the costs needed to keep the existing water supply system functioning as intended. More than half of the District's maintenance costs are for maintaining the pipeline and pump stations that move water from the reservoirs to the customers.

Facilities & Grounds Maintenance increased in fiscal year 2025 due to an increase in the cost of mowing and maintaining the pipeline right of way both due to higher pricing as well as a larger area to maintain now that the entire core section of the IPL is being maintained, reservoir release warning system upgrades, and HVAC replacements at multiple pipeline facilities.

Pipeline Chemical costs are estimated by evaluating pumping demand projections and projected market costs for chemicals driven by industry demands. Chemical costs in fiscal year 2023 were at an all-time high but have since decreased significantly, which is the primary reason why the fiscal year 2025 budget for chemicals has decreased.

Equipment & Fleet has increased due to the cost of maintaining aging vehicles and additional vehicles, which are needed due to an increase in personnel.

	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Variance
Pipeline & Pump Station	\$ 3,896,414	\$ 5,335,000	\$ 5,490,500	\$ 155,500
Pipeline Chemicals	1,354,880	2,210,000	1,830,000	(380,000)
Facilities & Grounds Maintenance	1,651,661	2,352,605	3,293,430	940,825
Equipment & Fleet	895,465	978,266	1,240,440	262,174
Maintenance Support	826,600	964,965	971,950	6,985
Benbrook Reservoir O&M	676,339	650,000	650,000	—
Stream Gauging Stations	178,200	195,000	315,000	120,000
Total	\$ 9,479,559	\$ 12,685,836	\$ 13,791,320	\$ 1,105,484

System Improvements and Capital Equipment Expenditures

The Revenue Fund system improvements and capital equipment budget consists of shorter-term projects that enhance and rehabilitate the current system and the capital equipment needed to support the system.

Capital equipment increased for fiscal year 2025 primarily due to \$788 thousand in costs to replace aging network and server equipment and \$641 thousand to purchase 16 additional pickup trucks, which are needed to replace aging vehicles and equip new personnel.

The main increase in system study and design projects is the implementation of the new Enterprise Resource Planning/Human Resources Information System (ERP/HRIS), which will replace the current financial and human resource applications as well as other systems for more efficient processing and up-to-date data analysis. Implementation began in fiscal year 2024 and is scheduled to conclude in fiscal year 2025.

Pump and valve projects increased \$1.3 million primarily due to \$858 thousand in repairs needed to JB3 pump station and variable frequency drive updates and pump refurbishments needed on pumps at Benbrook and in the Wetlands. Additional improvements and restorations are also planned for the Richland Chambers embankment, roof repairs on multiple facilities, and repairs of retaining and breaker walls in various locations. Now that the Integrated Pipeline is online, the District can begin projects that had been postponed because they required taking portions of the existing pipeline offline for more extensive system improvements.

The water supply contract budget is a potential contract with the Trinity River Authority (TRA) to secure the rights to additional water supply.

Additional details are shown on the following page.

	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Variance
Capital Equipment*	\$ 801,446	\$ 938,000	\$ 2,150,000	\$ 1,212,000
System Study & Design Projects	1,540,366	3,546,429	3,825,970	279,541
Pump & Valve Projects	1,520,783	2,520,000	3,868,900	1,348,900
Construction & Repair Projects	9,867,203	2,972,500	3,460,375	487,875
Water Supply Contract	—	570,000	570,000	—
Total	\$ 13,729,798	\$ 10,546,929	\$ 13,875,245	\$ 3,328,316

*The District considers machinery or equipment purchases of \$10 thousand or more capital equipment.

System Improvements and Capital Equipment Details

	FY25 Budget Proposed
<u>Capital Equipment</u>	
Pickup Trucks (16)	641,000
Lifecycle Replacement Of Network Core Equipment	528,000
Heavy Duty Track Loader	425,000
Lifecycle Video Archiver Servers	260,000
Two-Way Radio Expansion	175,000
Miscellaneous Capital Equipment*	121,000
	\$ 2,150,000
<u>System Study & Design Projects</u>	
ERP/HRIS Software Implementation	656,250
System Operating Permit Evaluation	500,000
SCADA Master Plan	300,000
Integrated Water Supply Plan	250,000
Eagle Mountain Spillway Communication Project	225,000
CEQUAL-W2 Modeling	215,345
CC Wetlands Collaboration with NTMWD Study	200,000
NTMWD/DWU Interconnection Optimization Study	200,000
Sulphur River Basin Study	150,000
UTA Research/Study Butterfly Value	150,000
Arc Flash Updates	150,000
Water Transmission Consultant Modeling	125,000
Richland Chambers & Cedar Creek Flood Control Modeling	125,000
GSI Implementation on TRWD Properties	105,000
Eagle Mountain Lake High Flow Operations Assessment	105,000
Miscellaneous System Study & Design Projects*	369,375
	\$ 3,825,970
<u>Pump & Valve Projects</u>	
JB3 Pump Station Repairs	857,900
Variable Frequency Drive Upgrades	750,000
Pump Refurbishments	680,000
Control Valve Actuator Conversion at RC3L	450,000
Comprehensive Industrial Control System Upgrade at BB1/BB2	350,000
Fuel System Upgrades	330,000
Overhead Crane Replacement	216,000
Emmerson Vibration Unit Upgrade at RC2H	135,000
Horizontal Pump Rehab At RC3L	100,000
	\$ 3,868,900

Revenue Fund

	FY25 Budget Proposed
<u>Construction & Repair Projects</u>	
Silt Removal at Shannon Wetlands	1,400,000
Richland Chambers Embankment PH1	500,000
Richland Chambers & Cedar Creek Roof Replacements	350,000
Breaker Wall Repair and Cedar Creek Facilities Maintenance	175,000
JB3 Driveway Repair	170,000
New Richland Chambers Water Quality Building	120,000
Richland Chambers Retaining Wall Repair	150,000
JB3 Cooling Tower Improvements	150,000
Cedar Creek Dam Relief Well Maintenance	100,000
Miscellaneous Construction & Repair Projects*	345,375
	<u>\$ 3,460,375</u>
Water Supply Contract	\$ 570,000
	<u>Total System Improvements & Capital Equipment \$ 13,875,245</u>

*All individual items listed under "Miscellaneous" are \$100 thousand or less.

Watershed Protection & Water Quality Program Expenditures

TRWD is committed to providing the public it serves with a clean, plentiful water supply and being a good steward of our watersheds and the environment. The Water Conservation Program has enabled TRWD to defer capital costs as people use less water than initially projected. The program has also expanded services and participation has steadily grown year over year. The approved expenditure increase will allow the District to update the conservation strategic plan with help from a consultant as we engage and involve our customer cities through multiple public input meetings, while we continue to provide additional customer city classes, workshops and events, residential sprinkler system evaluations and landscape consultations, and outreach resources.

	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Variance
Water Conservation Program*	\$ 2,606,398	\$ 3,096,002	\$ 3,410,502	\$ 314,500
Watershed Protection	154,315	405,650	405,650	—
Water Quality Programs	299,699	437,960	416,961	(20,999)
Public Outreach & Events	72,701	84,843	130,429	45,586
Total	\$ 3,133,111	\$ 4,024,455	\$ 4,363,542	\$ 339,087

* See next page for Water Conservation Program details.



TRWD actively participates in an average of 60 events per year with the TRWD Stream Trailer.

Water Conservation Program Revenues and Expenditures:

Program Area	FY24 Budgeted Expenditures	FY25 Budgeted Expenditures	FY25 Budgeted Contributions	TRWD Portion
"Water is Awesome" Campaign	\$ 2,035,002	\$ 2,035,002	\$ 1,166,668	\$ 868,334
Program Support (evaluations, watering advice, etc.)	570,500	885,000	20,000	865,000
School Education Program	313,000	313,000	—	313,000
Video and Promotional Items	88,500	88,500	—	88,500
Rain Barrel & Customer City Workshops	65,000	65,000	24,100	40,900
Regional Symposiums	24,000	24,000	19,000	5,000
Program Exhibits	—	—	—	—
Total	\$ 3,096,002	\$ 3,410,502	\$ 1,229,768	\$ 2,180,734

Water Conservation has successfully developed and managed effective outreach and education programs. Conservation is focused on customer city and community support to help build resilient and reliable long-term water supplies and advance the importance of water and related infrastructure. Water Conservation outreach efforts emphasize the importance of customer city support, adult education, youth education, reducing waste from sprinklers, direct connections with residential water users and regional coordination.

Dallas and NTMWD each contribute \$583 thousand per year to the regional “Water is Awesome” Campaign, which covers broadcast TV, radio, digital, and other forms of outreach. The \$285 thousand difference between their portions and TRWD’s covers local costs for specific advertising and promotions within our service area and includes billboards, local print ads, local cable ads, local radio ads, etc. Additional details regarding the budgeted contribution revenues are shown on page 30.



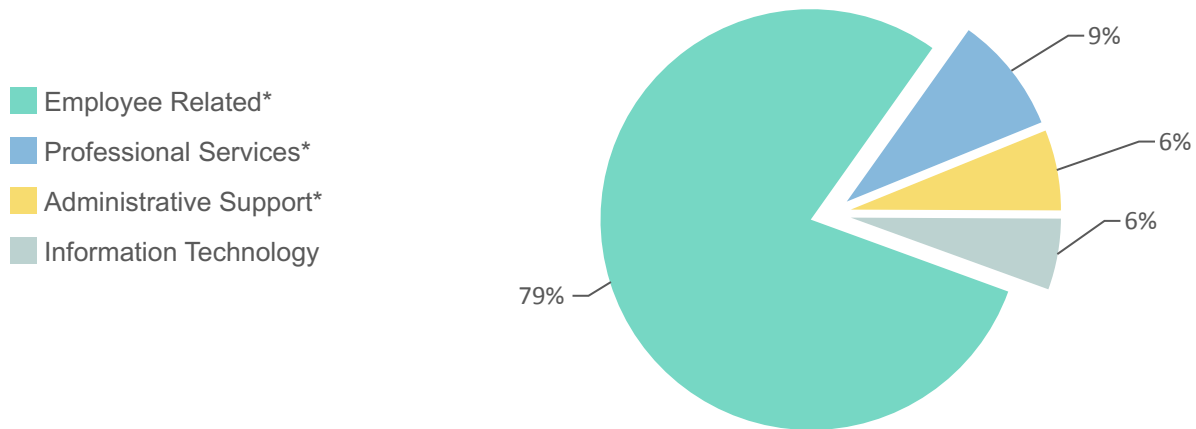
Support Services Summary

Support services makes up 25% of the overall Revenue Fund budget and serves to support the District’s efforts in supplying water to customers. The largest portion of this cost is the District’s investment in its people, resulting in strong employee retention, low turnover rates, high employee engagement, and a stable culture. Additional details are given on the following pages.

	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Variance
Employee Related*	\$ 28,128,990	\$ 33,801,466	\$ 36,350,953	\$ 2,549,487
Professional Services*	2,367,791	3,611,903	4,136,404	524,501
Administrative Support*	2,549,365	2,982,282	2,840,243	(142,039)
Information Technology	2,175,609	2,905,933	2,515,074	(390,860)
Total Support Services	\$ 35,221,755	\$ 43,301,584	\$ 45,842,673	\$ 2,541,089

* Additional details on following pages.

FY25 Revenue Fund Expenditures

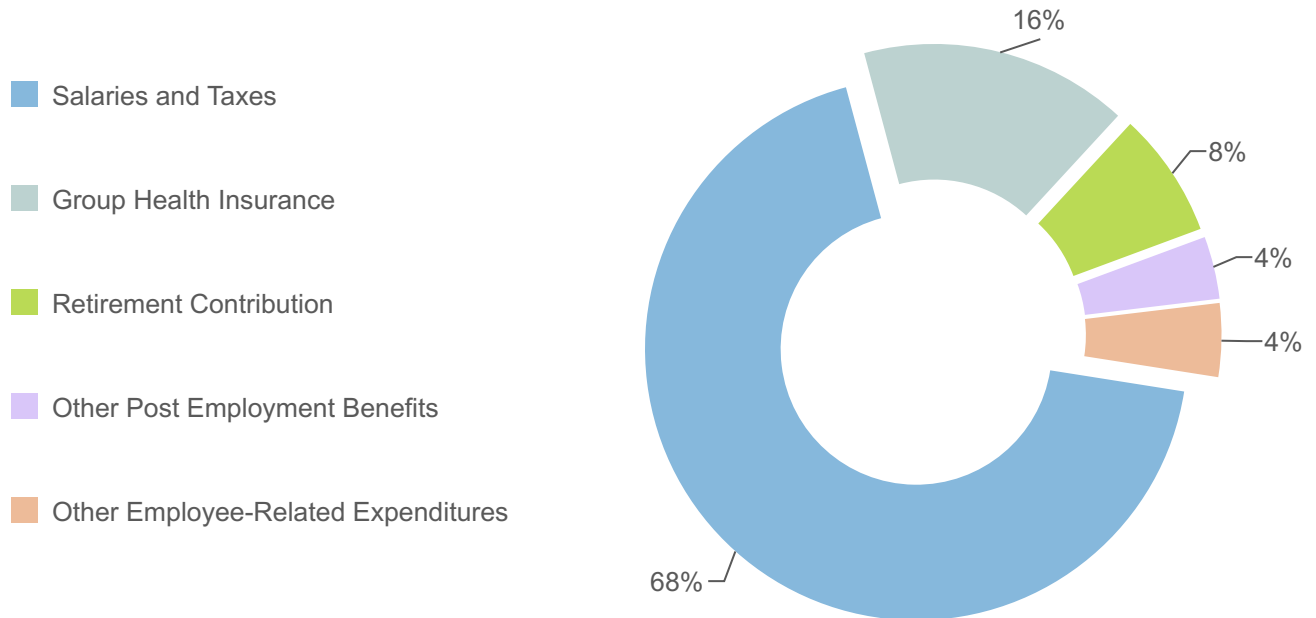


Support Services Employee-Related Expenditures

TRWD’s strategic plan includes intentional investment in its people. The District plans to invest in a diverse workforce through training, a focus on safety, and the planning and support needed to live TRWD values. The overall increase in salaries and taxes is due mainly to additions to pipeline operations (9), infrastructure engineering (4), risk management (3) and some administrative positions, all of which are related to growth and aging infrastructure, and raises and promotions. This growth was anticipated and included in the 10-year rate model as a part of operating and maintenance expenditures. The District is self-insured for the employee group health plan, and since claims have been lower than budget for the past couple of years, no increase is budgeted for fiscal year 2025.

	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Variance
Salaries and Taxes	\$ 19,587,169	\$ 22,672,585	\$ 24,842,196	\$ 2,169,611
Group Health Insurance	3,975,506	5,828,647	5,828,647	—
Retirement Contribution	2,231,964	2,484,989	2,722,243	237,254
Other Post Employment Benefits	1,136,102	1,249,712	1,361,715	112,003
Other Employee-Related Expenditures	1,198,249	1,565,533	1,596,151	30,618
Total	\$ 28,128,990	\$ 33,801,466	\$ 36,350,953	\$ 2,549,487

FY25 Employee-Related Expenditures

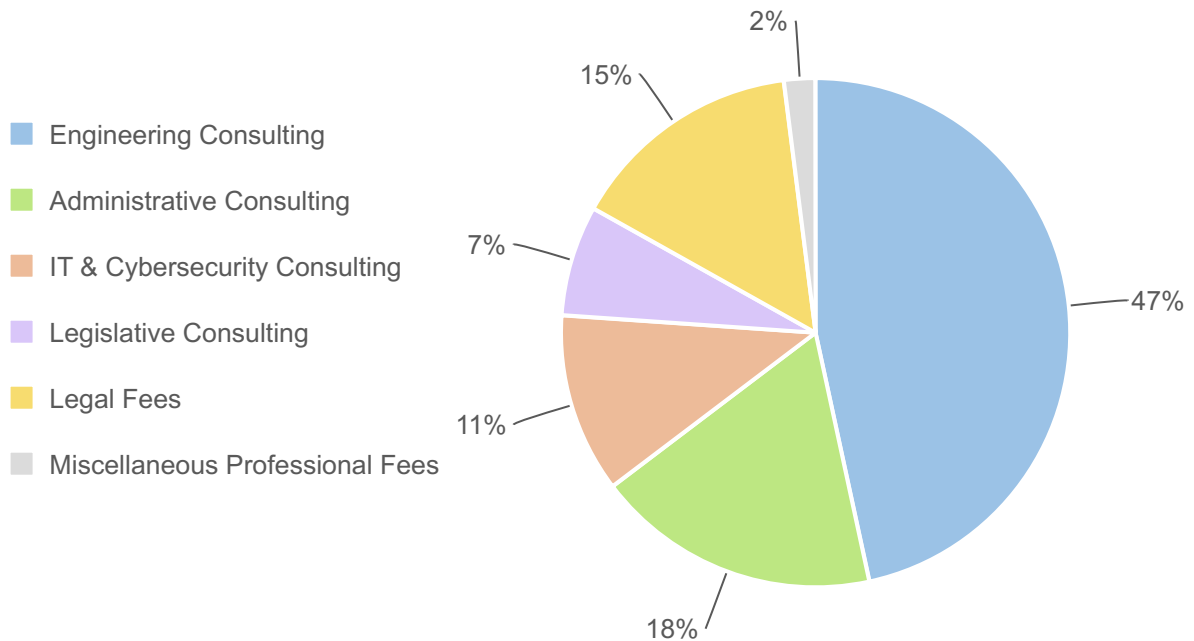


Support Services Professional Services Expenditures

Professional services are provided by external vendors with specialized technical expertise to support District efforts. The largest category of professional services is engineering consulting, which increased primarily due to services related to nondestructive pipe testing, TCEQ water right amendment fees, water service policy considerations, and inspections and monitoring of the dams at Bridgeport, Cedar Creek, and Richland Chambers. Administrative consulting provides professional support for financial, human resource, and other administrative efforts.

	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Variance
Engineering Consulting	\$ 800,428	\$ 1,330,860	\$ 1,928,050	\$ 597,190
Administrative Consulting	281,310	706,446	747,994	41,548
IT & Cybersecurity Consulting	290,338	597,840	471,975	(125,865)
Legislative Consulting	532,753	291,300	290,250	(1,050)
Subtotal Consulting Fees	1,904,829	2,926,446	3,438,269	511,823
Legal Fees	428,004	576,500	615,750	39,250
Miscellaneous Professional Fees	34,958	108,957	82,385	(26,572)
Total Professional Services	\$ 2,367,791	\$ 3,611,903	\$ 4,136,404	\$ 524,501

FY25 Professional Services

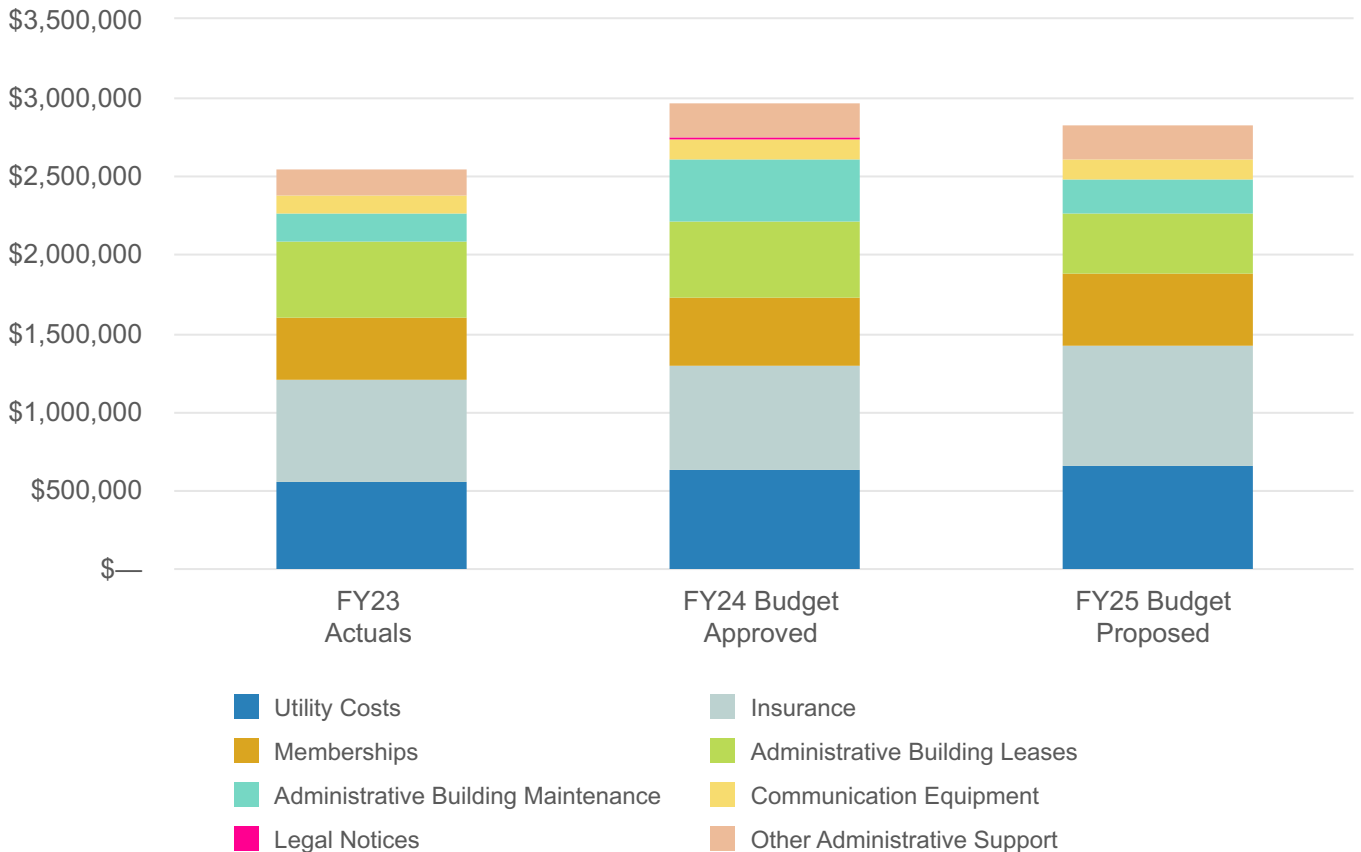


Support Services Administrative Support Expenditures

Administrative support services consist of a variety of overhead expenditures that support the District’s water supply system as a whole. These categories tend to remain relatively stable from year to year. The greatest decrease for fiscal year 2025 is in building maintenance, due to the completion of the administrative building HVAC replacements in fiscal year 2024. Insurance costs have increased due to the District's need to protect additional capital assets.

	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Variance
Utility Costs	\$ 566,475	\$ 644,980	\$ 658,600	\$ 13,620
Insurance	641,201	653,850	771,527	117,677
Memberships	403,305	444,631	457,548	12,917
Administrative Building Leases	479,796	479,796	391,554	(88,242)
Administrative Building Maintenance	182,170	397,251	217,978	(179,273)
Communication Equipment	110,731	125,010	120,800	(4,210)
Legal Notices	9,907	8,450	2,075	(6,375)
Other Administrative Support	155,778	228,315	220,161	(8,154)
Total \$	2,549,364	2,982,283	2,840,243	(142,040)

Administrative Support Expenditures



Revenue Fund: Revenues

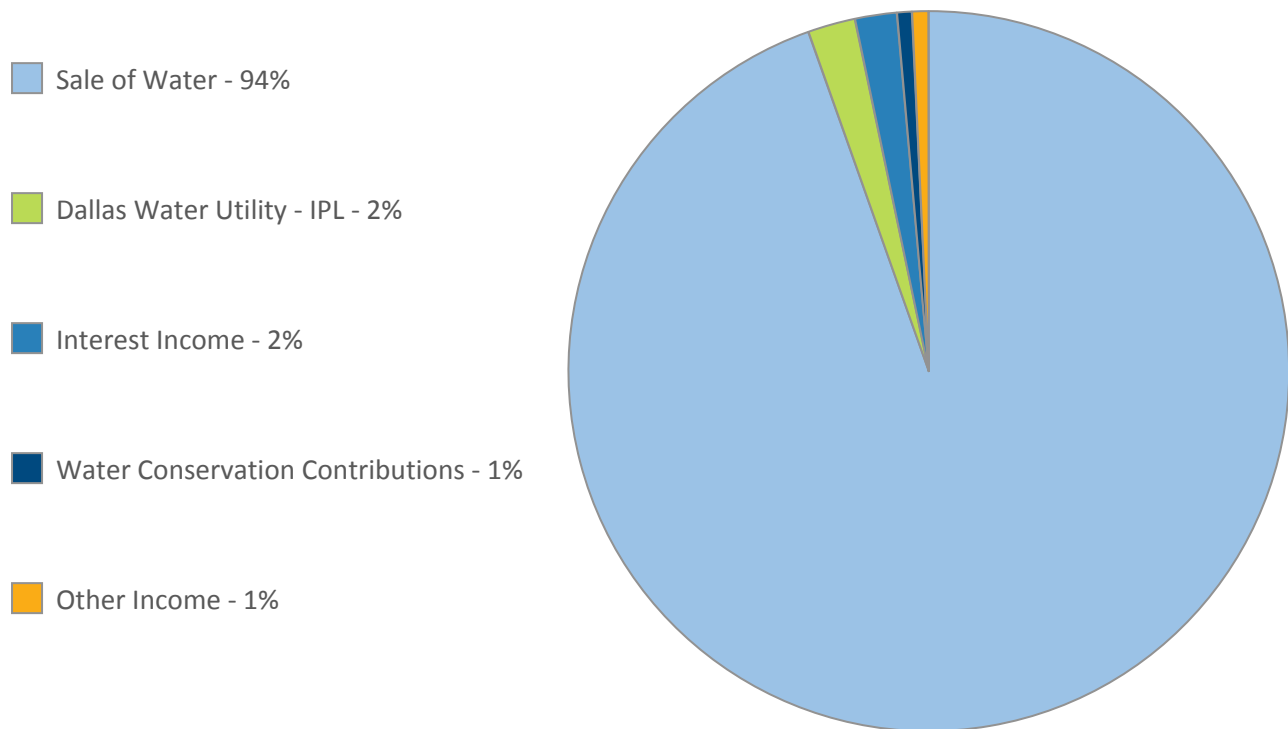
Sources of Revenue Summary

The primary source and largest single component of income to the Revenue Fund is the sale of water, which makes up 94% of the total budgeted revenues for fiscal year 2025. Interest earned on investments, contributions to the water conservation program, and other income (leases, permit revenues, and other water sales) comprise approximately 4% of the budgeted revenues for fiscal year 2025. The remaining 2% consists of maintenance costs shared with Dallas Water Utilities on the Integrated Pipeline (IPL) project.

Sources	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Variance	Change %
Sale of Water*	\$ 145,806,936	\$ 164,091,374	\$ 176,490,960	\$ 12,399,586	7.56 %
Dallas Water Utility - IPL*	2,225,253	3,590,578	3,975,000	384,422	10.71 %
Interest Income*	3,718,278	1,600,000	3,500,000	1,900,000	118.75 %
Water Conservation	1,179,296	1,229,768	1,229,768	—	— %
Other Income	2,261,729	1,251,971	1,390,232	138,261	11.04 %
Total Revenues	\$ 155,191,492	\$ 171,763,691	\$ 186,585,960	\$ 14,822,269	8.63 %

*Additional Details on the following pages

FY25 Budgeted Revenues



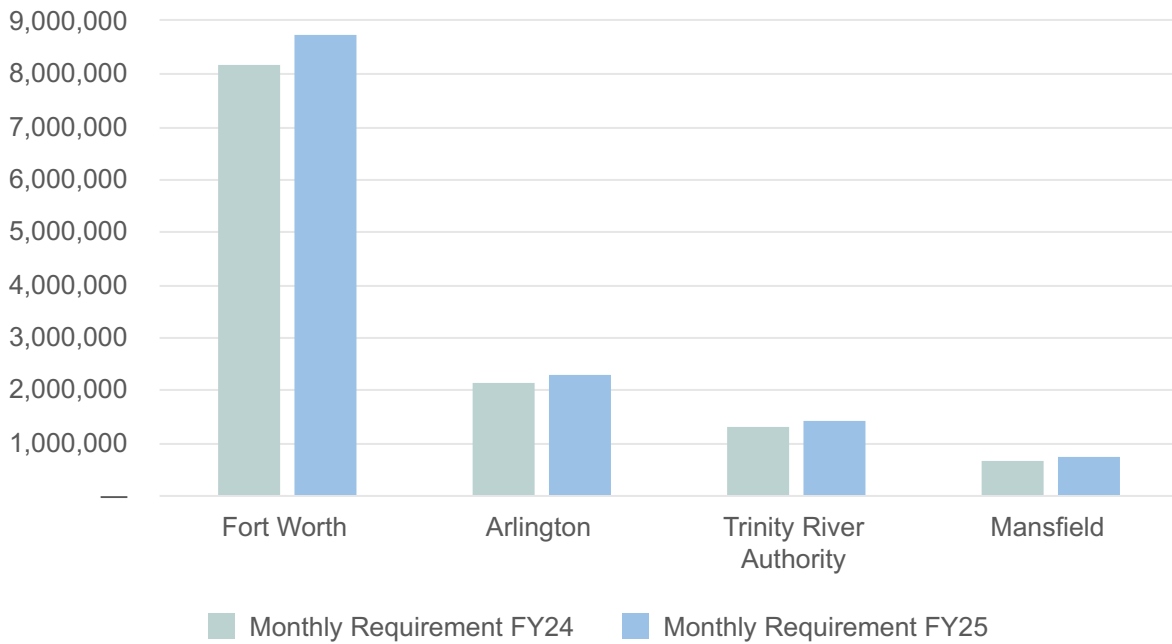
Sources of Revenue
Sale of Water

Customer Monthly Payments

	Fort Worth	Arlington	Trinity River Authority	Mansfield
FY 2025 Estimated Usage (000's)	75,138,820	19,863,483	12,511,573	6,656,180
FY 2025 Rate per 1,000 Gallons	\$ 1.40014	\$ 1.40014	\$ 1.40014	\$ 1.40014
FY25 Budgeted Revenue Requirement	\$ 105,205,126	\$ 27,811,725	\$ 17,517,997	\$ 9,319,607
FY24 Budgeted Revenue Requirement	\$ 98,624,378	\$ 25,827,696	\$ 15,811,030	\$ 8,349,819

Monthly Requirement FY25	\$ 8,767,094	\$ 2,317,644	\$ 1,459,833	\$ 776,634
Monthly Requirement FY24	\$ 8,218,698	\$ 2,152,308	\$ 1,317,586	\$ 695,818

Budgeted Monthly Customer Payments



Sources of Revenue

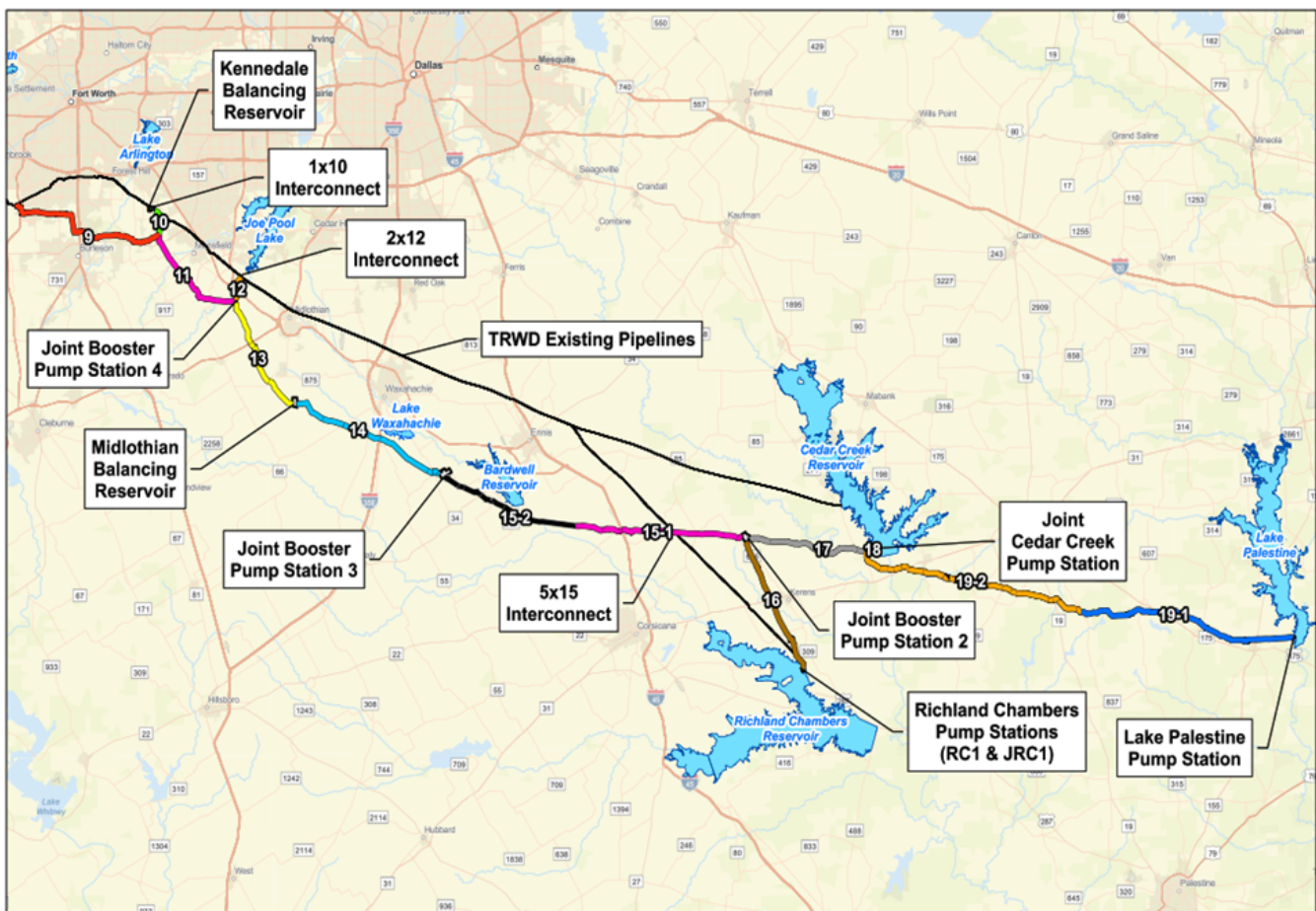
Dallas Water Utility - Integrated Pipeline Project

The District and Dallas Water Utilities (DWU) share costs on certain portions of the Integrated Pipeline project. The costs shown below are added as revenues to the Revenue Fund budget to offset a portion of current operating and maintenance (O&M) and capital replacement costs.

Direct O&M costs are incurred specifically on joint or Dallas-only sections of the pipeline system. Direct labor hours are also billed directly to specific portions of the pipeline. Indirect O&M costs and Capital Replacement costs benefit the District water supply system as a whole and are allocated between the District and DWU based on each entity's applicable share of system asset value.

Indirect labor costs similarly are for departments and personnel that provide support to the water supply system overall, and therefore their personnel costs are split based on the system asset value.

	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Variance
Direct O&M Costs	\$ 236,816	\$ 488,601	\$ 450,000	\$ (38,601)
Direct O&M Labor	137,139	455,573	425,000	(30,573)
Total Direct Operating Costs	373,955	944,174	875,000	(69,174)
Indirect O&M Costs	942,995	1,274,032	1,500,000	225,968
Indirect O&M Labor	643,333	1,095,952	1,000,000	(95,952)
Capital Replacement Costs	264,917	276,420	600,000	323,580
Total Indirect Operating Costs	\$ 1,851,245	\$ 2,646,404	\$ 3,100,000	\$ 453,596
Total DWU Budgeted Revenues	\$ 2,225,200	\$ 3,590,578	\$ 3,975,000	\$ 384,422

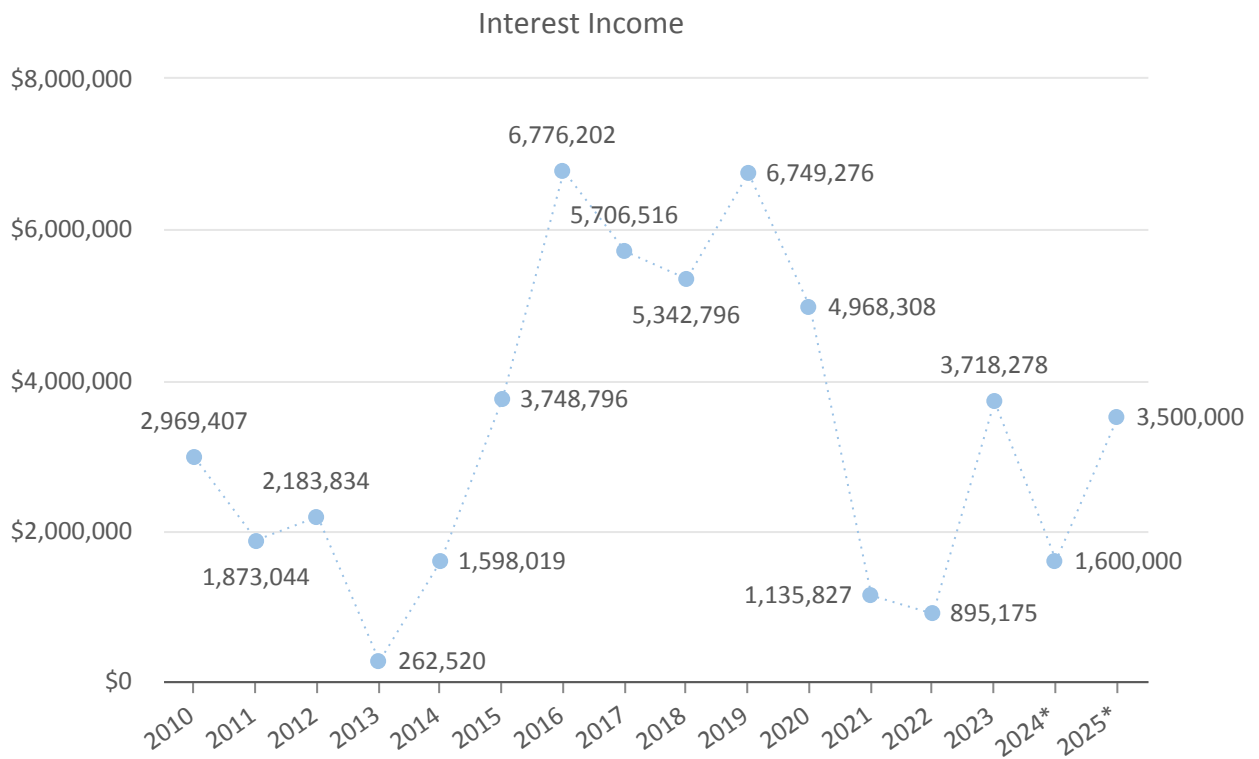


Sources of Revenue Interest Income

The Revenue Fund budgeted interest income includes interest generated from the operating Revenue Fund as well as the Bond Reserve Fund and unspent bond proceeds. The majority of the income comes from the Reserve Fund which holds a balance equal to the largest annual debt service payment, per bond covenant requirements, which can be invested in longer-term investments.

Interest income is expected to increase compared to the fiscal year 2024 budget due to a rising interest rate environment. To be conservative, the District is assuming a 2.5% interest rate for short-term investments in fiscal year 2025. The District invests in US government and agency fixed income securities as well as investments in Local Government Investment Pools.

The graph below illustrates the actual interest earned on investments for the past 10 years as well as budgeted interest income for fiscal years 2023 and 2024.



*Budgeted Interest Income

Sources of Revenue Water Conservation Contributions

Contribution revenues help off-set the District’s expenses for the water conservation Program. In fiscal year 2024, these revenues will account for \$1.23 million in income for the Revenue Fund.

The five-year memorandum of understanding (MOU) for the regional Public Outreach & Education campaign with the City of Dallas (Dallas) and North Texas Municipal Water District (NTMWD) was renewed in fiscal year 2024 for an additional 5 years. Both Dallas and NTMWD agreed to renew the Public Outreach & Education campaign, also known as “Water is Awesome,” at the current budget of \$583,334 each.

The new MOU with Dallas also contains an agreement to contribute \$20,000 to Program Support for the Weekly Watering Advice service. Additionally, Dallas, NTMWD and Upper Trinity Regional Water District each contribute to the Regional Water Conservation Symposium. The District will also receive \$24,000 from participant cost-share for Tarrant County Master Gardener Association rain barrel workshops with customer cities.

Water Conservation Program Revenues	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed
Public Outreach & Education - City of Dallas	\$ 576,875	\$ 583,334	\$ 583,334
Public Outreach & Education - NTMWD	576,875	583,334	583,334
Program Support (evals, watering advice, etc.)	5,543	20,000	20,000
Rain Barrel & Customer City Workshops	8,136	24,100	24,100
Regional Symposiums - City of Dallas	4,141	5,000	5,000
Regional Symposiums - NTMWD	3,741	5,000	5,000
Regional Symposiums - UTWD	3,047	5,000	5,000
Regional Symposiums Registration Fees	2,906	4,000	4,000
Total Water Conservation Program Revenues	\$ 1,181,263	\$ 1,229,768	\$ 1,229,768



Revenue Fund FY25 Budget

Expenditures	FY23 Actuals	FY24 Budget Approved	FY25 Budget Proposed	Variance	Change %	Notes
Debt Service	\$ 73,355,233	\$ 83,204,886	\$ 89,713,179	\$ 6,508,293	7.82 %	1
Pumping Power	20,272,037	18,000,000	19,000,000	1,000,000	5.56 %	2
Maintenance						
Pipeline & Pump Station	\$ 3,896,414	\$ 5,335,000	\$ 5,490,500	\$ 155,500	2.91 %	
Pipeline Chemicals	1,354,880	2,210,000	1,830,000	(380,000)	(17.19)%	
Facilities & Grounds Maintenance	1,651,661	2,352,605	3,293,430	940,825	39.99 %	
Equipment & Fleet	895,465	978,266	1,240,440	262,174	26.80 %	
Maintenance Support	826,600	964,965	971,950	6,985	0.72 %	
Benbrook Reservoir O&M	676,339	650,000	650,000	—	— %	
Stream Gauging Stations	178,200	195,000	315,000	120,000	61.54 %	
Total Maintenance	9,479,559	12,685,836	13,791,320	1,105,484	8.71 %	3
System Improvements & Capital Equipment	\$ 13,729,797	\$ 10,546,929	\$ 13,875,245	\$ 3,328,316	31.56 %	4
Water Quality Programs & Watershed Protection						
Water Conservation Program	\$ 2,606,398	\$ 3,096,002	\$ 3,410,502	\$ 314,500	10.16 %	5
Watershed Protection	154,315	405,650	405,650	—	— %	
Water Quality Programs	299,699	437,960	416,961	(20,999)	(4.79)%	
Public Outreach & Events	72,701	84,843	130,429	45,586	53.73 %	
Total Watershed Protection & Environmental Stewardship	3,133,111	4,024,455	4,363,542	339,087	8.43 %	
Support Services						
Employee Related	\$ 28,128,990	\$ 33,801,466	\$ 36,350,953	\$ 2,549,487	7.54 %	6
Professional Services	2,367,791	3,611,903	4,136,404	524,501	14.52 %	
Administrative Support	2,549,365	2,982,282	2,840,243	(142,039)	(4.76)%	
Information Technology	2,175,609	2,905,933	2,515,074	(390,860)	(13.45)%	
Total Support Services	35,221,755	43,301,584	45,842,673	2,541,089	5.87 %	
Total Expenditures \$ 155,191,492 \$ 171,763,691 \$ 186,585,960 \$ 14,822,269 8.63 %						
Revenues						
Sale of Water	\$ 145,806,936	\$ 164,091,374	\$ 176,490,960	\$ 12,399,586	7.56 %	
Dallas Water Utility - IPL	2,225,253	3,590,578	3,975,000	384,422	10.71 %	
Interest Income	3,718,278	1,600,000	3,500,000	1,900,000	118.75 %	7
Water Conservation Contributions	1,179,296	1,229,768	1,229,768	—	— %	
Other Income	2,261,729	1,251,971	1,390,232	138,261	11.04 %	
Total Revenues \$ 155,191,492 \$ 171,763,691 \$ 186,585,960 \$ 14,822,269 8.63 %						

Variance Explanations

1. Debt Service

The \$6.5 million increase in debt service is due to the \$100 million 2024 bond issuance and the anticipated \$150 million 2025 bond issuance.

2. Pumping Power

The District is recommending a \$1.0 million increase to the pumping power budget due to a significant increase in the price of electricity.

3. Total Maintenance

The increase is mostly due to an increase in the cost of mowing and maintaining the pipeline right of way both due to higher pricing as well as a larger area to maintain now that the entire core section of the IPL is being maintained, reservoir release warning system upgrades, and HVAC replacements at multiple pipeline facilities.

4. System Improvements & Capital Equipment

Capital equipment increased for fiscal year 2025 primarily due to \$788 thousand in costs to replace aging network and server equipment and \$641 thousand to purchase 16 additional pickup trucks, which are needed to replace aging vehicles and equip new personnel. Pump and valve projects increased primarily due to repairs needed to JB3 pump station and variable frequency drive updates and pump refurbishments needed on pumps at Benbrook and in the Wetlands.

5. Water Conservation Program Expenditures

The \$300 thousand increase will allow the District to update the conservation strategic plan with help from a consultant as we engage and involve our customer cities through multiple public input meetings and other engagement opportunities.

6. Employee-Related

The overall increase in salaries and taxes is due mainly to additions to pipeline operations (9), infrastructure engineering (4), risk management (3) and some administrative positions, all of which are related to growth and aging infrastructure, and raises and promotions.

7. Interest Income

Interest income is expected to increase compared to the fiscal year 2024 budget due to a rising interest rate environment. To be conservative, the District is assuming a 2.5% interest rate for short-term investments in fiscal year 2025.

TARRANT REGIONAL WATER DISTRICT

AGENDA ITEM 4

DATE: July 25, 2024

SUBJECT: Executive Session

FUNDING: N/A

RECOMMENDATION:

Section 551.071 of the Texas Government Code, for Private Consultation with its Attorney about Pending or Contemplated Litigation or on a Matter in which the Duty of the Attorney to the Governmental Body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas Clearly Conflicts with this Chapter

DISCUSSION:

- Pending litigation

Submitted By:

Stephen Tatum
General Counsel

Next Scheduled Board Meetings

August 19, 2024 at 9:00 AM, Board Budget Workshop

August 20, 2024 at 9:00 AM