



**AGENDA
COUNCIL FEE COMMITTEE
SPECIAL MEETING
FEBRUARY 10, 2025- 3:00PM
Lawton City Hall
3rd Floor Conference Room
212 SW 9th Street
Lawton, Oklahoma 73501**

Official action can be taken only on items which appear on the agenda. The committee may adopt, approve, ratify, deny, defer, recommend, amend, strike, or continue any agenda item. Any reference to action should be understood as “action within the committee’s scope”.

MEETING CALLED TO ORDER

STATEMENT OF COMPLIANCE WITH OKLAHOMA OPEN MEETING ACT, 25 O.S. § 301-314

ROLL CALL

INTRODUCTION OF GUESTS

BUSINESS ITEMS

- 1. Discuss the Water, Sewer, and Stormwater Rate Study and take action as deemed necessary.**

ADJOURNMENT

“The City of Lawton encourages participation from all of its citizens. If participation at any public meeting is not possible due to disability, notification to the City Clerk at (580)581-3305 at least 48 hours prior to the scheduled meeting is encouraged to make the necessary accommodations. The City may waive the 48-hour rule if interpreters for the deaf (signing) is not the necessary accommodation.”

WATER AND SEWER RATE STUDY

Prepared for:

City of Lawton

(2nd Revision - January 28, 2025)



Prepared by:

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FNI Project No.: LAW23826

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1.0 INTRODUCTION

The City of Lawton (City) provides water and sewer services to customers within the City and outside the city limits. In late 2023, the City contracted with Freese and Nichols, Inc. (FNI) to perform water, sewer, stormwater, and solid waste rate studies. The results of the water and sewer study are contained in this report. The rate study's purpose is to develop a multi-year forecast of revenue requirements to ensure sufficient revenue is available to fund operations and maintenance, and to implement needed capital improvements identified by the City. FNI's methodology for performing this study is based on accepted industry standards and practices, specifically the American Water Works Association (AWWA) Manual 1 (M1) "Principles of Water Rates, Fees, and Charges", Seventh Edition (2016).

The study included the following steps:

1. Obtain relevant data from the City
2. Review and analyze the data and develop projections of the operating expenses and revenues at current rates
3. Identify the revenue requirements for the water and sewer system using the projected operating expenses and the projected capital expenses associated with funding the capital improvement plan (CIP) identified by the City
4. Develop a rate model for the City's water and sewer systems that projects the rate increases needed to provide sufficient annual revenue
5. Develop a cost-of-service analysis to determine equitable rates for each customer class
6. Prepare financial projections using the recommended cost-based rates
7. Document the findings in a report

This report describes the findings and recommendations of the water and sewer rate study. The calculations are based on the City of Lawton's fiscal year (FY), which runs from July 1 through June 30. The data tables developed in support of this study are located after the text, and figures are located after the tables.

2.0 WATER AND SEWER SYSTEM

2.1 GENERAL DESCRIPTION

The City of Lawton has an estimated population of 90,245 and owns and operates its own water and sewer system through the Lawton Water Authority. The City’s water supply is obtained from Lake Lawtonka and Lake Ellsworth. The City’s water distribution system consists of two water treatment plants (WTP), three pump stations, six elevated storage tanks, and a network of 700 miles of water distribution lines. The City’s water treatment capacity is 40 MGD at the Medicine Park WTP and 10 MGD at the Southeast WTP.

The City’s sewer system consists of 10 lift stations and associated force mains, a wastewater treatment plant (WWTP) and a network of 500 miles of collection main. The WWTP has a permitted capacity of 18 MGD average day flow.

The City’s water and sewer customer base includes residential, multi-unit residential, business, governmental and commercial users within the city limits, along with both retail and wholesale customers outside the city limits. Water and sewer services are also provided to entities that maintain special service contracts with the City. Those entities include Fort Sill, Goodyear, and Republic Paper. In total, there are 33,752 metered connections in the system, with an estimated 28,873 active meters. Most of the customer meters serve residential and small business accounts, making up 97% of the water customer base. A breakdown of meters in the water system by account type is provided in **Table 2-1**.

Table 2-1: Active Meter Count by Account Type

Account Type	Estimated Active Water Meters*
Residential/Business Inside	28,044
Residential/Business Outside	313
Commercial/Government Inside	496
Commercial/Government Outside	1
Wholesale Outside	10
Special Contract	9

*FY25 projection based on population growth assumptions discussed with the City. All revenue projections are based on estimated active accounts.

A review of available historical financial data for FY22-FY24 provided by the City showed the following general patterns:

- Water revenue has averaged \$21.9 million, and sewer revenue has averaged \$10.4 million.
- Total annual water consumption by category generally follows the pattern of 42% by single-family residences and businesses, 14% by commercial and government customers, 38% by contract customers, and 5% by wholesale customers. This represents use both inside and outside the city limits. Water revenue by category is a higher relative percentage by single-family residences and businesses (63%) and lower relative percentage for commercial and government customers (10%), contract customers (24%), and wholesale customers (4%).
- Annual volume by category for which the City determines sewer bills generally follows the pattern of 43% for single-family residences, 39% for non-residential customers, and 18% for contract customers. Sewer revenue by category follows a slightly different pattern to water revenue, where sewer revenue by category has a higher relative percentage by contract customers (45%) and lower relative percentage for residential customers (35%) and non-residential customers (20%).

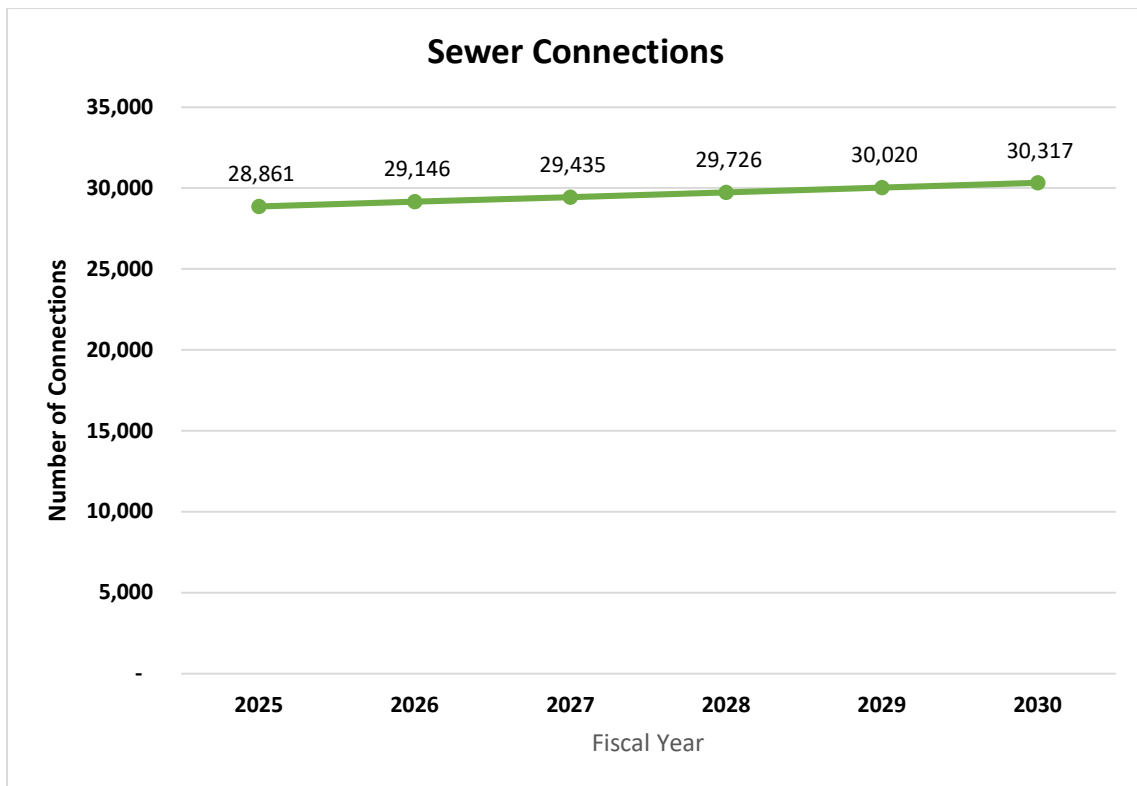
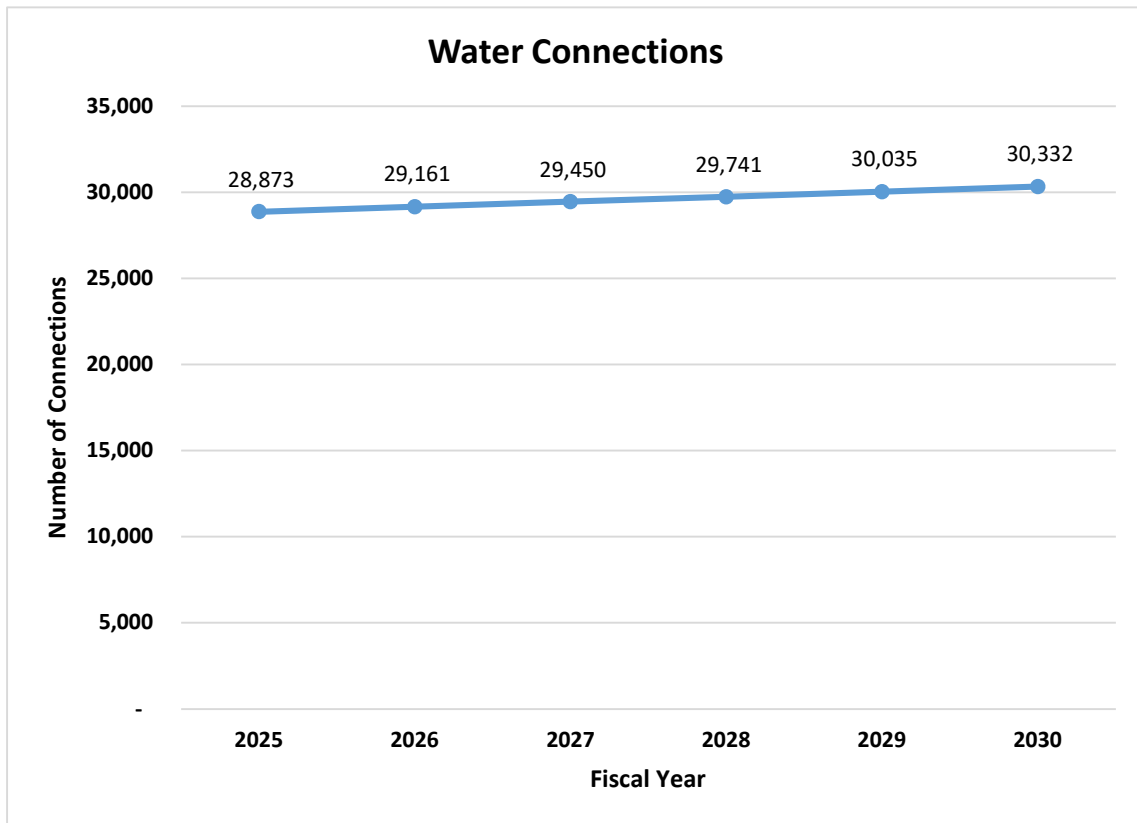
2.2 PROJECTED ACTIVE WATER AND SEWER CONNECTIONS

Table 2-2 shows projected water and sewer connections for Lawton. These projections are based on general historical trends and discussions with the City. Figure 2-1 shows the projected number of water and sewer connections.

Table 2-2: Projected Active Water and Sewer Connections

	Budgeted	Projected				
Fiscal Year	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Water Connections	28,873	29,161	29,450	29,741	30,035	30,332
Sewer Connections	28,861	29,146	29,435	29,726	30,020	30,317
Key Assumptions for Projecting Water Production and Sales: <ul style="list-style-type: none"> • Service area population growth: 1.0% per year increase based on discussions with the City • Growth in water meters: 1.0% per year for residential and commercial (inside city limits) meters in keeping with projected population growth 						

Figure 2-1: Projected Active Water and Sewer Connections



3.0 HISTORICAL REVENUES AND EXPENDITURES

3.1 HISTORICAL REVENUES

Table 3-1 shows the historical revenues for the water and sewer fund over the last three years and the budgeted revenues for FY25. The City did not adjust rates during this time period. Current rates are shown in **Table 3-2**. Total revenue of approximately \$37M was recorded in FY22. This figure increased to \$41M in FY23, then \$46M for FY24, and is projected to reach \$47M in FY25, absent loan proceeds depicted in the FY24-25 adopted budget. Total revenue in FY25 reflects a reduction in capital dollars transferred to the fund, as compared to prior budgets, and a significant reduction in sewer maintenance revenue, which is offset by an increase in late fee revenue. The FY25 adopted budget corrects budgeted sewer maintenance revenue to be in line with actual collections. Reductions in the amount of debt service supported by sales tax revenue after 2025 will continue to put upward pressure on water and sewer rates over the planning period.

It should be noted that revenue derived from the capital outlay fee, which is charged to all customers at a rate of \$8.05 per month, is received in the fund but does not directly benefit the water and sewer systems. Funds received are transferred out and used citywide for rolling stock. Revenue derived from the sewer rehab fee, which is charged at a rate of \$2.75 per month, is received in the fund and used to offset a portion of the cost of the Sewer Construction and Sewer Technical Services sections of the budget. Additionally, the Waurika surcharge, charged to all customers at a rate of \$8.65 per month, is transferred to the Waurika Fund to cover the cost of operations. Revenue collected from the fee does not fully cover the cost of operations, with the remainder subsidized by water rates.

Table 3-1: Historical Revenue for the Water and Sewer Fund

Revenue	Historical			Current
	Actual 2022	Projected 2023	Estimated 2024	Adopted 2025
Water				
Water Revenue	\$18,706,581	\$22,368,550	\$21,946,789	\$23,271,641
Water Taps	\$45,520	\$36,585	\$167,075	\$159,119
Other Water Revenue	\$424,074	\$276,565	\$447,001	\$425,715
Sewer				
Sewer Service Charge	\$9,454,188	\$10,414,510	\$10,625,762	\$10,781,001
Wastewater Effluent	\$97,656	\$73,575	\$18,025	\$17,167
Other				
Capital Outlay Fee	\$3,121,368	\$3,343,585	\$3,463,618	\$3,485,620
Overpayment/Deferred Revenue	\$216,171	\$-	\$-	\$-

Revenue	Historical			Current
	Actual 2022	Projected 2023	Estimated 2024	Adopted 2025
Outside Water Sales Contract	\$-	\$100	\$-	\$-
Standby Fee	\$600	\$600	\$600	\$600
Alternate Water Source Fee	\$22	\$-	\$-	\$-
Sewer Maintenance Revenue	\$118,000	\$352,635	\$150,000	\$150,000
Other Sewer Revenue	\$-	\$1,255	\$261,000	\$-
Sewer Rehab Fee	\$990,044	\$1,083,025	\$1,168,362	\$1,112,725
Wastewater Influent	\$-	\$805	\$-	\$-
Water Seeding Surcharge	\$46	\$-	\$-	\$-
Late Fees	\$26,076	\$62,390	\$3,037,643	\$2,892,994
Leases & Rentals	\$220,325	\$-	\$163,913	\$163,913
Miscellaneous Revenue	\$17,002	\$4,890	\$36,678	\$34,931
Earned Interest	\$77	\$1,945	\$105,300	\$100,285
Earned Interest-Restricted	\$459	\$27,340	\$214,007	\$203,816
Debt Service	\$1,862,323	\$1,375,910	\$1,389,557	\$1,323,387
TRF to/from 2016 CIP	\$2,592,599	\$1,870,915	\$-	\$-
TRF to/from 2019 CIP	\$-	\$-	\$2,592,740	\$2,600,000
Total Revenue	\$37,893,131	\$41,295,180	\$45,788,070	\$46,722,914

Table 3-2: City of Lawton Monthly Water Rates

Current Water Rates, Effective October 2016		
Residential		
Service Charge* (includes 2,000 gallons)	\$23.00	monthly
Volumetric Charge (over 2,000 gallons))	\$4.65	per 1,000 gal
* Senior/Low Income Discount - \$(6.25)/Month		
Commercial/Government		
Service Charge (includes 2,000 gallons)	\$43.00	monthly
Volumetric Charge (over 2,000 gallons)	\$4.65	per 1,000 gal
Outside City Limits		
Service Charge	\$27.50	monthly
Volumetric Charge	\$6.89	per 1,000 gallons
Wholesale		
Volumetric Charge	\$5.33	per 1,000 gallons
Current Sewer Rates		
Residential		
Service Charge* (includes 2,000 gallons)	\$16.00	monthly
Volume Charge (over 2,000 gallons)	\$2.00	per 1,000 gal
*Senior/Low Income Discount - \$(4.75)/month		

Non-Residential		
Service Charge (includes 2,000 gallons)	\$16.00	monthly
Volumetric Charge (over 2,000 gallons)	\$2.25	per 1,000 gal
Residential Outside City Limits		
Service Charge	\$24.00	monthly
Volumetric Charge	\$3.00	per 1,000 gal
Non-Residential Outside City Limits		
Service Charge	\$24.00	monthly
Volumetric Charge	\$3.38	per 1,000 gal

3.2 HISTORICAL AND CURRENT EXPENDITURES

Table 3-3 shows the historical expenditures for the water and sewer fund over the last three years and the budgeted expenditures for FY25. Annual expenditures have increased from approximately \$21.8M in FY23 to \$25.2 in FY24 and \$26.7M in the FY25 adopted budget. Historically, water expenses account for 45%-50% of the budget, and sewer expenses account for 50%-55% of the overall budget. In addition to the water and sewer costs in the Lawton Water Authority, expenditures in the Utility Services section and the Waurika Fund were also examined, since water and sewer revenues are used to pay for those expenses. Water and sewer expenses for utility services have increased from \$0.9M to \$1.0M since FY22 and the contributions to the Waurika Fund have increased from \$3.9M to \$4.55M since FY22.

Additionally, transfers for IT and GIS services and transfers to the General Fund continue to increase. Transfers to the General Fund represent about one-third of total expenditures. Water and sewer rate-supported revenue is increasingly used to fund General Fund operations in lieu of water and sewer operations and maintenance. For every dollar transferred to the General Fund but collected for water and sewer services, critical maintenance is deferred. This will continue to put upward pressure on water and sewer rates as adequate revenue is required to improve system reliability and recognize critical infrastructure's life cycle costs. Maintaining those dollars within the utility systems would provide long-term benefits to water and sewer customers.

Table 3-3: Historical and Current Expenditures

	2021-2022 Actual Expenditures	2022 - 2023 Estimated Expenditures	2023-2024 Estimated Expenditures	2024 - 2025 Adopted Expenditures
Public Utilities Fund				
Sewer System Technical	\$827,776	\$947,203	\$1,126,807	\$2,066,975
Sewer System Construction	\$7,537,141	\$5,063,088	\$7,067,146	\$7,582,554
Medicine Park WTP	\$3,806,129	\$4,512,363	\$4,313,920	\$4,732,855
Wastewater Treatment Plant	\$3,402,226	\$3,382,834	\$4,549,684	\$3,771,664
Southeast WTP	\$1,984,833	\$2,131,470	\$2,130,665	\$2,427,747
Wastewater Collection	\$1,325,932	\$1,233,376	\$1,116,938	\$1,289,850
Water Distribution	\$3,081,946	\$3,587,897	\$3,776,569	\$3,854,893
Meter Services	\$968,443	\$970,867	\$1,110,826	\$957,819
Total	\$22,934,426	\$21,829,098	\$25,192,555	\$26,684,357
Other Funds				
Utility Services	\$885,974	\$873,287	\$956,565	\$1,057,890
Waurika	\$3,960,000	\$3,710,000	\$4,518,135	\$4,550,000
Total	\$4,845,974	\$4,583,287	\$5,474,700	\$5,607,890

3.3 COMPARISON OF HISTORICAL REVENUES AND EXPENDITURES

From FY22 to FY24, water rates have generated between \$18.7M and \$22.4M in revenue annually. Sewer rates have generated between \$9.5M and \$10.6M in revenue annually. Other revenues have helped to reduce the revenue requirements for water and sewer rate revenues and have ranged between \$8.1M and \$14.0M annually.

During the same period, water expenses have varied between \$11.2M and \$12.6M annually. Sewer expenses have varied between \$10.6M and \$13.9M annually. Utility service expenses, which are split between both water and sewer, have varied between \$0.85M and \$0.96M annually.

4.0 WATER AND SEWER FUND RATE ANALYSIS

4.1 PROJECTED REVENUES AND EXPENDITURES

Table 4-1 shows the projected revenues for the water and sewer systems at the proposed rates. **Table 4-2** details all the assumptions that were used in developing the projected revenues.

Figure 4-1 graphically shows water and sewer revenues over the next five years at the proposed rates. **Table 4-3** is a summary by major category of the projected expenditures for the water and sewer funds. The City's current Capital Improvement Plan (CIP) is detailed in Appendix C. A summary of funding by source in the current CIP is summarized in **Table 4-4**. This includes all projects regardless of funding source. Only the cost of projects funded by water and sewer rates and not reimbursed through a separate fee or tax are calculated in the final rate recommendations. Capital projects are funded separately by water and sewer rates.

In addition to the established water and sewer CIP, capital expenses are forecasted to reflect the life cycle costs of assets in the water and sewer systems. Life cycle costs represent water and sewer system renewal and are based on projected needs over a 3- to 15-year period, beginning with plant improvements in FY27 and pipeline improvements in FY29. Improvements are implemented over the period with differing schedules. **Table 4-5** outlines the cost of those capital projects over the next five years. The capital cost is evenly distributed annually based on the specific period of project implementation. The debt service cost schedule represented in the table was developed in coordination with staff and the City's financial advisors. All debt is issued at a term of 30 years. These projects are incorporated into the projected debt service used to establish revenue requirements over the 10-year study period.

Furthermore, FNI analyzed expenditures for 10 fiscal years (FY26-FY35). Expenses were estimated but detailed rate recommendations were not specified due to the variability of usage, population, and expenditures after the initial five-year observation period.

Table 4-1: Projected Revenue at Calculated Rates for the Water and Sewer Fund

Water	Current Fiscal Year	Projected by Fiscal Year				
	2025	2026	2027	2028	2029	2030
Revenue Required based on proposed rates	\$21,766,570	\$21,668,792	\$22,098,773	\$23,143,534	\$23,862,601	\$26,326,638
Base Revenues based on proposed rates	\$8,025,922	\$8,106,936	\$8,187,697	\$8,269,265	\$8,351,649	\$8,434,857
Volumetric Revenues based on proposed rates	\$11,479,952	\$13,531,526	\$13,931,076	\$14,883,958	\$15,523,309	\$17,889,621
Total Revenue based on proposed rates	\$19,505,875	\$21,638,463	\$22,118,773	\$23,153,223	\$23,874,958	\$26,324,478
Surplus/(Deficit)	\$(2,260,695)	\$(30,330)	\$20,000	\$9,689	\$12,357	\$(2,160)
Sewer	Current Fiscal Year	Projected by Fiscal Year				
	2025	2026	2027	2028	2029	2030
Revenue Required based on proposed rates	\$16,058,120	\$13,349,481	\$14,508,450	\$15,364,365	\$16,492,441	\$17,494,335
Base Revenues based on proposed rates	\$5,511,306	\$5,565,455	\$5,620,800	\$5,676,698	\$5,733,155	\$5,790,177
Volumetric Revenues based on proposed rates	\$4,814,616	\$7,809,506	\$8,891,859	\$9,701,513	\$10,757,626	\$11,731,267
Total Revenue based on proposed rates	\$10,325,922	\$13,374,961	\$14,512,659	\$15,378,211	\$16,490,781	\$17,521,444
Surplus/(Deficit)	\$(5,732,198)	\$25,480	\$4,209	\$13,846	\$(1,660)	\$27,109

Table 4-2: Assumptions in Developing Projected Revenues

Category	Assumptions
Sewer Rehab Fee	Revenue shown at budget, with a 1% increase in each of the following years.
Capital Outlay Fee	Capital outlay fee revenues are disregarded in the analysis, since they are used for citywide rolling stock.
Usage and Customer Count Growth	Water and sewer usage and customer counts are expected to grow at a rate equal to assumed population growth (1%).
Sewer Billing Cap	Residential customers were billed for sewer usage based on a maximum of 12,000 gallons used in the billing period (per rate ordinance).
Waurika Subsidy	Subsidy for Waurika Fund-related expenses provided by the City for FY25 and maintained at that rate throughout.
Drought Surcharges	No adjustments were made to the current drought surcharges.
Fort Sill Water	By contract Fort Sill is billed for water service at the lowest available rate.
Outside City Limits	Sewer rates outside city limits are set to be equal to 1.5x the inside city limit rate. Water rate increases for outside city limits are limited to the value of the increase for inside water customers reflecting a “dollar for dollar” change.
Sewer Discharge Strength	Sewer discharge is monitored for applicable high-strength customers and surcharges are assessed in accordance with the adopted ordinance. Monitored strength data was not analyzed as part of this study per City direction.
Capital Improvement	All current and future capital improvements required during the planning period were provided by the City. Life cycle costs assume system renewal of distribution and collection systems over a 15-year period, with plant projects implemented over a 10-year period for water and 3-year period for sewer.
Debt Service	Current and future debt service payments to be paid from water and sewer rate revenues for the period were provided by the City and its financial advisor.
Industrial	The Industrial classification is based on industrial users including Bar-S Foods and Silverline Plastics. Usage patterns from Goodyear and Republic Paper were included in the analysis but rates for Goodyear and Republic Paper are set by contract so the industrial rate is not applied in the analysis.
Debt Service Payments	Debt Service payments are partially covered by revenue from rates where sales tax dollars are insufficient to cover the annual service, per City.
Senior/Low Income Discount	Senior/Low Income Discount provides for a reduction in the base rate of \$6.25 for water and \$4.75 for sewer. This discount applies to all senior and identified low-income accounts. Account estimates were provided by the City.
Expense Inflation	O&M expenses were inflated at a year-over-year rate of 3% for each line item unless otherwise stated by the City.
General Fund Transfers	The value of the General Fund Transfer is based on the change in operating revenues from the Water/Sewer Fund. For rate setting purposes it is set at the transfer amount established in the FY24-25 adopted budget and maintained at the same level throughout the planning period.

Figure 4-1: Projected Water and Sewer Revenue at Projected Rates

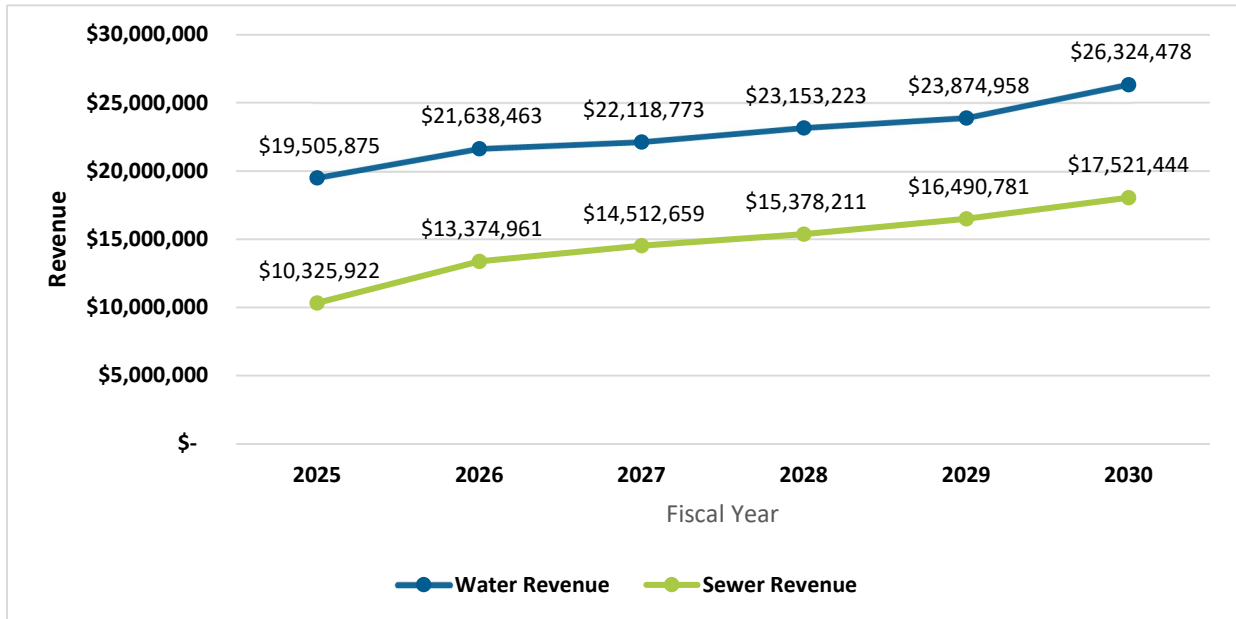


Table 4-3: Projected Expenditures for the Water and Sewer Fund, by Major Category

Category	Budget	Projected Expenditures by Fiscal Year				
	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Water Distribution	\$3,854,893	\$3,998,005	\$4,117,345	\$4,240,265	\$4,366,873	\$4,497,279
Medicine Park WTP	\$4,732,855	\$4,894,113	\$5,040,936	\$5,192,164	\$5,347,929	\$5,508,367
Southeast WTP	\$2,427,747	\$2,516,197	\$2,591,643	\$2,669,351	\$2,749,391	\$2,831,831
Meter Services	\$957,819	\$995,844	\$1,025,719	\$1,056,490	\$1,088,185	\$1,120,831
Utility Services - Water	\$552,642	\$573,868	\$588,623	\$603,795	\$619,398	\$635,443
Waurika Fund	\$4,550,000	\$4,550,000	\$4,550,000	\$4,550,000	\$4,550,000	\$4,550,000
Information Technology Services - Water	\$692,546	\$713,322	\$734,722	\$756,764	\$779,467	\$802,851
Debt Service & Life Cycle Costs - Water	\$2,740,207	\$2,742,175	\$6,410,544	\$7,496,610	\$37,303,276	\$40,018,372
Transfer to General Fund - Water	\$13,069,370	\$13,069,370	\$13,069,370	\$13,069,370	\$13,069,370	\$13,069,370
Sewer System Construction	\$7,582,554	\$5,774,615	\$5,863,823	\$5,955,707	\$6,050,347	\$6,147,827
Sewer System Technical	\$2,066,975	\$1,103,687	\$1,130,980	\$1,159,092	\$1,188,047	\$1,217,870
Wastewater Collection	\$1,289,850	\$1,345,937	\$1,386,204	\$1,427,679	\$1,470,398	\$1,514,399
Wastewater Treatment Plant	\$3,771,664	\$3,911,571	\$4,028,872	\$4,149,691	\$4,274,134	\$4,402,310
Utility Services - Sewer	\$268,281	\$278,585	\$285,748	\$293,113	\$300,688	\$308,477
Information Technology Services - Sewer	\$692,546	\$713,322	\$734,722	\$756,764	\$779,467	\$802,851
Debt Service & Life Cycle Costs - Sewer	\$4,044,190	\$4,603,082	\$33,947,012	\$34,748,236	\$45,059,539	\$17,663,826
Transfer to General Fund - Sewer	\$2,658,177	\$2,658,177	\$2,658,177	\$2,658,177	\$2,658,177	\$3,200,000
TOTAL EXPENSES						
<i>Water Total</i>	\$33,578,079	\$34,052,894	\$38,128,902	\$39,634,809	\$69,873,889	\$73,034,344
<i>Sewer Total</i>	\$22,374,237	\$20,388,976	\$50,035,538	\$51,148,459	\$61,780,797	\$35,257,560

Table 4-4: Water and Sewer CIP Summary (all funding sources)

Water CIP Funding Sources	2025	2026	2027	2028	2029	2030
State Designated ARPA	\$714,828	\$714,828	\$714,828	\$714,828	\$714,828	\$714,828
City ARPA Grant	\$313,756	\$313,756	\$313,756	\$313,756	\$313,756	\$313,756
DWSRF ORF-22-0045-DW	\$10,590	\$10,590	\$10,590	\$10,590	\$10,590	\$10,590
DWSRF ORF-22-0046-DW	\$76,015	\$76,015	\$76,015	\$76,015	\$76,015	\$76,015
DWSRF ORF-24/P40-101103-07	\$1,650,357	\$1,650,357	\$1,650,357	\$1,650,357	\$1,650,357	\$1,650,357
DWSRF P40-101103-08	\$1,307,792	\$1,307,792	\$1,307,792	\$1,307,792	\$1,307,792	\$1,307,792
OWRB FAP Loan	\$2,543,522	\$2,543,522	\$2,543,522	\$2,543,522	\$2,543,522	\$2,543,522
WATER TOTAL	\$6,616,860	\$6,616,860	\$6,616,860	\$6,616,860	\$6,616,860	\$6,616,860

Sewer CIP Funding Sources	2025	2026	2027	2028	2029	2030
CWSRF ORF22-0008-CW	\$23,591	\$23,591	\$23,591	\$23,591	\$23,591	\$23,591
CWSRF ORF22-0008-CWA	\$123,183	\$123,183	\$123,183	\$123,183	\$123,183	\$123,183
CWSRF ORF24-0050-CW	\$364,649	\$364,649	\$364,649	\$364,649	\$364,649	\$364,649
CWSRF	\$2,406,903	\$2,406,903	\$2,406,903	\$2,406,903	\$2,406,903	\$2,406,903
SEWER TOTAL	\$2,918,327	\$2,918,327	\$2,918,327	\$2,918,327	\$2,918,327	\$2,918,327

Table 4-5: Water & Sewer Life Cycle Costs Plan

Project Type	Implementation Period	Financing Period	Total Cost	Description	2025	2026	2027	2028	2029	2030
Water Distribution Line Replacement	15 years	30 years	\$ 435,600,000	300 miles of 8" pipe at \$275 per linear foot	\$-	\$-	\$-	\$-	\$ 29,040,000	\$ 29,040,000
Water Treatment Plants	10 years	30 years	\$ 35,000,000	\$20M plant and \$15M plant	\$-	\$-	\$ 3,500,000	\$ 3,500,000	\$ 3,500,000	\$ 3,500,000
Total Water			\$ 470,600,000		\$-	\$-	\$ 3,500,000	\$ 3,500,000	\$ 32,540,000	\$ 32,540,000
Sewer Collection Line Replacement	15 years	30 years	\$ 138,600,000	150 miles of 8" pipe at \$175 per linear foot	\$-	\$-	\$-	\$-	\$ 9,240,000	\$ 9,240,000
Sewer Treatment Plant	3 years	30 years	\$ 85,000,000	\$85M plant	\$-	\$-	\$ 28,333,333	\$ 28,333,333	\$ 28,333,333	\$-
Total Sewer			\$ 223,600,000		\$-	\$-	\$28,333,333	\$28,333,333	\$ 37,573,333	\$ 9,240,000
Grant Total			\$ 694,200,000		\$-	\$-	\$ 35,333,333	\$ 35,333,333	\$ 70,113,333	\$41,780,000

5.0 CALCULATED RATES

This rate study created an industrial customer classification for both water and sewer service. Consumption from existing customers with industrial uses was used to identify the unique usage characteristics of the new rate classes. Proposed rates were established to recognize the classes' impacts on system peaking and infrastructure-sizing needs and to provide a competitive rate for future industrial customers. Additionally, the proposed industrial sewer rate recognizes the quarterly strength surcharges applied in compliance with the City's pretreatment ordinance.

In addition, the City recently executed a new five-year contract for water and sewer service with Republic Paper. The contract covers April 1, 2024 - March 31, 2029, and applies to Republic Paper and Fort Sill, since it reflects the lowest available rate to which Fort Sill is entitled. Contract service for Goodyear is provided in accordance with the adopted ordinance through the current year and then aligns with the Republic Paper contract for the remainder of the period. It is important to note that customers who have contracts for service are not included in the cost-of-service determination. Projected revenue from those customers is based on projected volumes and contractually established rates. As a result, revenue derived from contract services is used to reduce the revenue requirement from the overall cost of providing services.

5.1 COST-OF-SERVICE ANALYSIS

A cost-of-service analysis was developed to help determine revenue sufficiency and to assess the effectiveness of the current rate structure. This cost-of-service analysis was performed in general accordance with the methodology presented in AWWA M1 Manual (Section III), and included five basic steps:

1. Identify annual expenses by function. Functions include items such as source of supply, pumping, treatment, storage, maintenance, personnel, and debt service.
2. Allocate these functionalized costs (from Step 1) to the appropriate cost component. Cost components include annual use, peak day demand, peak hour demand, fire protection, and customer meters and bills. There are two accepted methods to accomplish this: the Base-Extra Capacity method (which was employed for this study) and the Commodity-Demand method.
3. Develop units of service by customer class for each cost component.

4. Develop unit costs of service. This is accomplished by dividing the total costs for each cost component by the respective total system units of service.
5. Distribute costs to customer classes based on the unit costs of service (from Step 3) and each class's unit of service for each cost component (from Step 4).

Gaps in available contract customer usage data required assumptions in determining the cost of service for each customer class. These assumptions were developed in coordination with the City.

A utility's base rates should reflect the cost of providing basic monthly service, including fire protection, billing, and customer meters and services. Meter size is not the current basis of determining base rates in the current rate structure, rather customer class is the determining factor, therefore assumptions were made about the impact of each customer class based on customer counts and usage. For this study, the base fee included the first 2,000 gallons of volume each month, in accordance with the adopted ordinance. This applies to both water and sewer base fees for customers inside the city limits.

The volume charges of a utility should reflect the cost of providing water and sewer services based on the actual volume of water usage and sewer flow utilized by the customers within each customer class. A typical cost of service analysis would include evaluating tiered usage; however, Lawton's current rate structure is not tiered, so assumptions were made to assess the volumetric usage and demand patterns of each customer class.

5.2 WATER AND SEWER RATES

Any recommended changes to existing rates are based on the distinct expenses associated with each service, water and sewer. An analysis of the water fund and sewer fund was performed separately to determine the equitable assignment of costs to proposed rates. **Table 5-1** and **Table 5-2** show the projected revenue requirements for the water and sewer funds separately.

Table 5-1: Projected Performance of the Water Fund

Water Only	Projected Revenues by Fiscal Year					
	2025	2026	2027	2028	2029	2030
Revenue Required based on proposed rates	\$21,766,570	\$21,668,792	\$22,098,773	\$23,143,534	\$23,862,601	\$26,326,638
Base Revenues based on proposed rates	\$8,025,922	\$8,106,936	\$8,187,697	\$8,269,265	\$8,351,649	\$8,434,857
Volumetric Revenues based on proposed rates	\$11,479,952	\$13,531,526	\$13,931,076	\$14,883,958	\$15,523,309	\$17,889,621
Total Revenue based on proposed rates	\$19,505,875	\$21,638,463	\$22,118,773	\$23,153,223	\$23,874,958	\$26,324,478
Surplus/(Deficit)	\$(2,260,695)	\$(30,330)	\$20,000	\$9,689	\$12,357	\$(2,160)

Table 5-2: Projected Performance of the Sewer Fund

Sewer Only	Projected Revenues by Fiscal Year					
	2025	2026	2027	2028	2029	2030
Revenue Required based on proposed rates	\$16,058,120	\$13,349,481	\$14,508,450	\$15,364,365	\$16,492,441	\$17,494,335
Base Revenues based on proposed rates	\$5,511,306	\$5,565,455	\$5,620,800	\$5,676,698	\$5,733,155	\$5,790,177
Volumetric Revenues based on proposed rates	\$4,814,616	\$7,809,506	\$8,891,859	\$9,701,513	\$10,757,626	\$11,731,267
Total Revenue based on proposed rates	\$10,325,922	\$13,374,961	\$14,512,659	\$15,378,211	\$16,490,781	\$17,521,444
Surplus/(Deficit)	\$(5,732,198)	\$25,480	\$4,209	\$13,846	\$(1,660)	\$27,109

The split of water expenses and sewer expenses was accomplished by applying the cost distributions below. The projected year-over-year change in revenue requirements by class are depicted in **Table 5-3** and **Table 5-4**:

- Water Expenses included:
 - 100% of Water Distribution, Medicine Park WTP, Southeast WTP, Meter Services, and Waurika Fund Divisions.
 - 52% of the Utility Services Division. This percentage is based on the allocation provided by the most recent budget for the City of Lawton.
 - Approximately 58% of Existing Debt Service expenses, varying by year. This was calculated by determining the approximate percentage of water-related principal on the outstanding payments of existing debt service by year.
 - Approximately 44% of Future Debt Service expenses, varying by year. This was calculated by determining the approximate percentage of water-related capital project cost to be included in future debt service by year.
 - Transfers to the General Fund are collected based on monthly receipts for water sales. The expense is budgeted based on the budgeted transfer out of the Lawton Water Authority. For rate determination the percentage of the total expense attributable to water was applied. That amount is projected to be flat over the planning period.
- Sewer Expenses included:
 - 100% of the Sewer System Construction, Sewer System Technical, Wastewater Collection, and Wastewater Treatment Plant Divisions.
 - 25% of the Utility Services Division. This percentage is based on the allocation provided by the most recent budget for the City of Lawton.
 - Approximately 42% of Existing Debt Service expenses, varying by year. This was calculated by determining the approximate percentage of sewer-related principal on the outstanding payments of existing debt service by year.
 - Approximately 56% of Future Debt Service expenses, varying by year. This was calculated by determining the approximate percentage of sewer-related capital project cost to be included in future debt service by year.
 - Transfers to the General Fund are collected based on monthly receipts for sewer sales. The expense is budgeted based on the budgeted transfer out of the Lawton Water Authority. For rate determination the percentage of the total expense attributable to sewer was applied. That amount is projected to be flat over the planning period.

Based on the projected revenues and expenditures, the following average increases for water and sewer volumetric rates are projected:

Table 5-3: Water Rate Increase Percentage by Class

Customer Class	FY25	FY26	FY27	FY28	FY29	FY30
Commercial/Government Inside	0%	28.0%	3.4%	5.7%	3.8%	14.1%
Commercial/Government Outside	0%	18.9%	2.4%	4.2%	2.9%	10.6%
Industrial	N/A	8.6%	3.0%	4.8%	2.8%	13.4%
Residential/Business Inside	0%	11.8%	1.9%	6.6%	3.5%	15.4%
Residential/Business Outside	0%	8.0%	1.3%	4.6%	2.5%	11.1%
Wholesale	0%	23.8%	0.6%	4.7%	2.8%	11.2%

Table 5-4: Sewer Rate Increase Percentage by Class

Customer Class	FY25	FY26	FY27	FY28	FY29	FY30
Non-Residential Inside	0.0%	111.1%	10.5%	8.6%	7.0%	6.6%
Non-Residential Outside	0.0%	111.1%	10.5%	8.6%	7.0%	6.6%
Industrial	N/A	55.6%	4.3%	6.8%	9.0%	9.4%
Residential Inside	0.0%	25.0%	20.0%	8.3%	13.8%	9.5%
Residential Outside	0.0%	25.0%	20.0%	8.3%	13.8%	9.5%

6.0 SUMMARY OF RATE RECOMMENDATIONS

The recommendations for water and sewer rates and projected rate increases are summarized below. Projected rate increases should be examined annually to evaluate future growth, revenues, and system expenditures.

6.1 WATER AND SEWER RATE ADJUSTMENTS

This subsection uses the information presented in **Section 5.2: Water and Sewer Rates** to develop recommended rates. The following tables outline recommended annual rates by class necessary to maintain cost of service, ensuring class equity and revenue sufficiency. **Table 6-1** and **Table 6-2** reflect volumetric rates and **Tables 6-3** and **Table 6-4** document base charges.

Table 6-1: Recommended Water Volumetric Rates

Fiscal Year	FY25	FY26	FY27	FY28	FY29	FY30
Commercial/Government Inside	\$4.65	\$5.95	\$6.15	\$6.50	\$6.75	\$7.70
Commercial/Government Outside	\$6.89	\$8.19	\$8.39	\$8.74	\$8.99	\$9.94
Industrial	\$4.65	\$5.05	\$5.20	\$5.45	\$5.60	\$6.35
Residential/Business Inside	\$4.65	\$5.20	\$5.30	\$5.65	\$5.85	\$6.75
Residential/Business Outside	\$6.89	\$7.44	\$7.54	\$7.89	\$8.09	\$8.99
Wholesale	\$5.33	\$6.60	\$6.64	\$6.95	\$7.14	\$7.95

Table 6-2: Recommended Sewer Volumetric Rates

Fiscal Year	FY25	FY26	FY27	FY28	FY29	FY30
Non-Residential Inside	\$2.25	\$4.75	\$5.25	\$5.70	\$6.10	\$6.50
Non-Residential Outside	\$3.38	\$7.13	\$7.88	\$8.55	\$9.15	\$9.75
Industrial	N/A	\$3.50	\$3.65	\$3.90	\$4.25	\$4.65
Residential Inside	\$2.00	\$2.50	\$3.00	\$3.25	\$3.70	\$4.05
Residential Outside	\$3.00	\$3.75	\$4.50	\$4.88	\$5.55	\$6.08

Table 6-3: Recommended Water Base Fees

Fiscal Year	FY25	FY26	FY27	FY28	FY29	FY30
Commercial/Government Inside	\$43.00	\$43.00	\$43.00	\$43.00	\$43.00	\$43.00
Commercial/Government Outside	\$27.50	\$27.50	\$27.50	\$27.50	\$27.50	\$27.50
Industrial	N/A	\$43.00	\$43.00	\$43.00	\$43.00	\$43.00
Residential/Business Inside	\$23.00	\$23.00	\$23.00	\$23.00	\$23.00	\$23.00
Residential/Business Outside	\$27.50	\$27.50	\$27.50	\$27.50	\$27.50	\$27.50
Wholesale	\$27.50	\$27.50	\$27.50	\$27.50	\$27.50	\$27.50

Table 6-4: Recommended Sewer Base Fees

Fiscal Year	FY25	FY26	FY27	FY28	FY29	FY30
Non-Residential Inside	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00
Non-Residential Outside	\$24.00	\$24.00	\$24.00	\$24.00	\$24.00	\$24.00
Industrial	N/A	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00
Residential Inside	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00	\$16.00
Residential Outside	\$24.00	\$24.00	\$24.00	\$24.00	\$24.00	\$24.00

6.2 OTHER RECOMMENDATIONS

- The City should analyze the impact of maintaining rates at current levels and reducing the transfer to the General Fund to close the funding gap for utility services. In doing so, existing rate capacity could be used to fund the increases in O&M and debt service that are currently driving the need for significant rate increases to support the water and sewer systems.
- The City should evaluate current class distinctions in the existing rate structure, providing clarity in non-residential water customers and aligning based on system use. Currently business customers share the same classification as residential customers, while commercial customers are paired with government customers.
- The City should audit its billing data to ensure that customers are appropriately classified and billed based on adopted water and sewer rates.
- The City should closely monitor its water loss through audits, identification of leaks, and other appropriate measures in addition to tracking the number of main breaks and sanitary sewer overflows within the distribution and collection systems.

- The City should update this rate study every three to five years or more frequently if there are significant changes in the assumptions presented in this study. Such changes could include the timing of CIP projects, increases in transfers, or reductions in fee revenue used to fund portions of the water or sewer system.

7.0 TYPICAL BILL BENCHMARKS

Table 7-1 shows the monthly cost for residential water and sewer service using 6,000 gallons for water and 6,000 gallons for sewer for Lawton and other nearby cities. The costs for water and sewer services in other cities are based on information obtained from public websites as of July 2024. Costs reflected in **Table 7-1** include all transfers and monthly fees. **Table 7-2** shows the monthly cost exclusive of special fees. Water and sewer costs in **Table 7-2** include all transfers.

Figure 7-1 shows the comparison of costs for 6,000 gallons of water service for a typical residential customer, and **Figure 7-2** shows the comparison for 6,000 gallons of sewer service for a typical residential customer.

Figure 7-3 depicts the combined bill and delineates the portion of the typical bill that funds water service, sewer service, special fees and the transfers to the General Fund for each benchmark city.

Table 7-1: Water and Sewer Rate Comparison to Other Cities (Including Fees)

City	Water (6,000 gal)	Sewer (6,000 gal)	Total
Edmond	\$62.18	\$57.55	\$119.73
Enid	\$54.41	\$43.35	\$97.76
Broken Arrow	\$51.03	\$46.13	\$97.16
Stillwater	\$54.50	\$33.00	\$87.50
Oklahoma City	\$44.28	\$40.71	\$84.99
Lawton Proposed FY26	\$52.45 ¹	\$28.75 ²	\$81.20
Lawton Current	\$50.25 ¹	\$26.75 ²	\$77.00
Moore	\$37.22	\$38.45	\$75.67
Midwest City	\$37.07	\$28.55 ³	\$65.62
Norman	\$32.70	\$26.20	\$58.90

1) Includes Waurika surcharge

2) Includes sewer rehab fee

3) Based on 3,000 gallons because of winter averaging

Table 7-2: Water and Sewer Rate Comparison to Other Cities (Excluding Fees)

Table 7-3: Water and Sewer Rate Comparison to Other Cities (Excluding Additional Fees)

City	Water (6,000 gal)	Sewer (6,000 gal)	Total
Edmond	\$62.18	\$57.55	\$119.73
Broken Arrow	\$51.03	\$46.13	\$97.16
Stillwater	\$54.50	\$33.00	\$87.50
Enid	\$54.41	\$23.52	\$77.93
Oklahoma City	\$44.28	\$40.71	\$77.93
Moore	\$37.22	\$38.45	\$75.67
Lawton Proposed FY26	\$43.80	\$26.00	\$69.80
Midwest City	\$37.07	\$28.55 ¹	\$65.62
Lawton Current	\$41.60	\$24.00	\$65.60
Norman	\$32.70	\$21.20	\$53.90

1) Based on 3,000 gallons because of winter averaging

Figure 7-1: Water Rate Comparison with Other Cities, Monthly Bill (6,000 gallons)

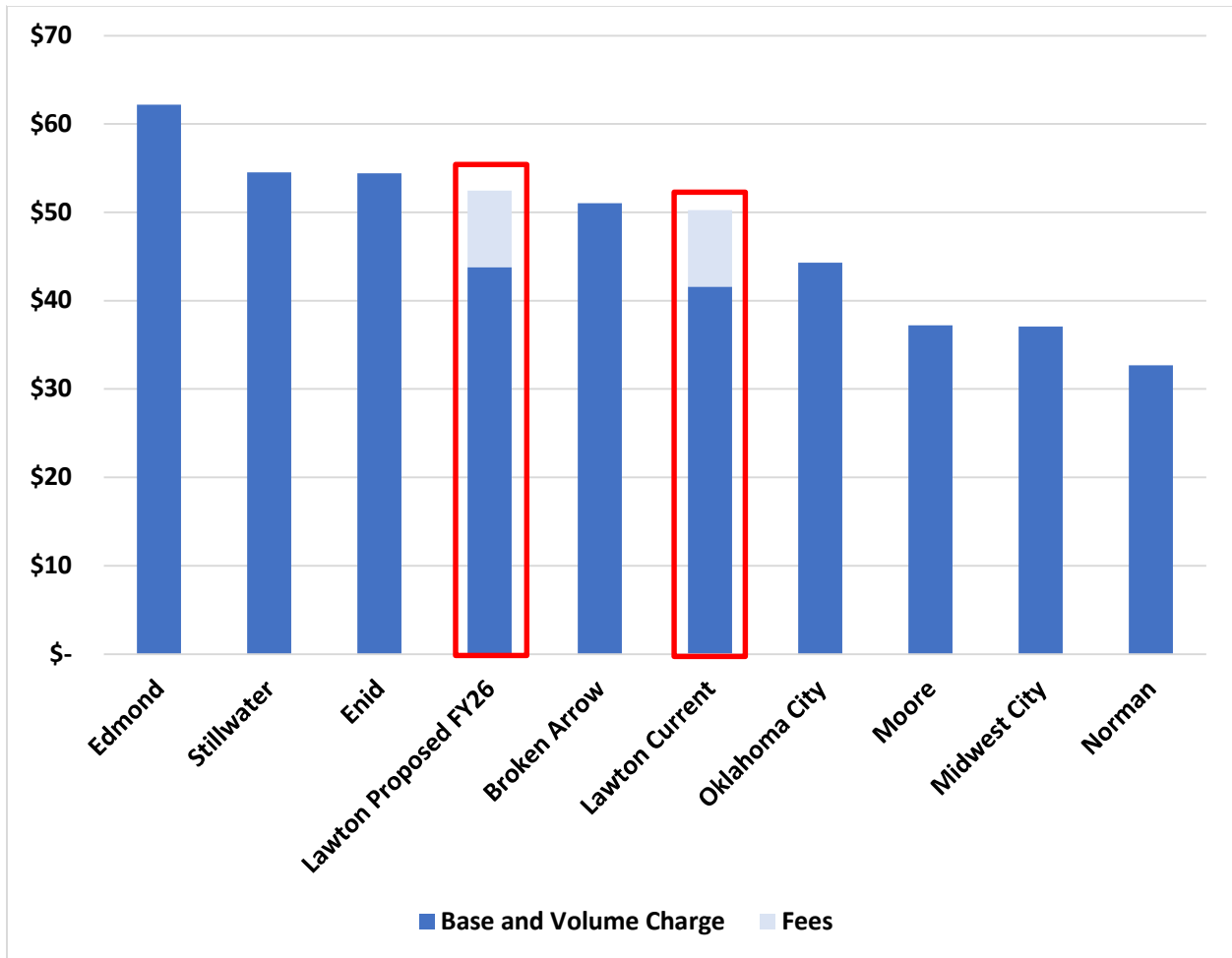
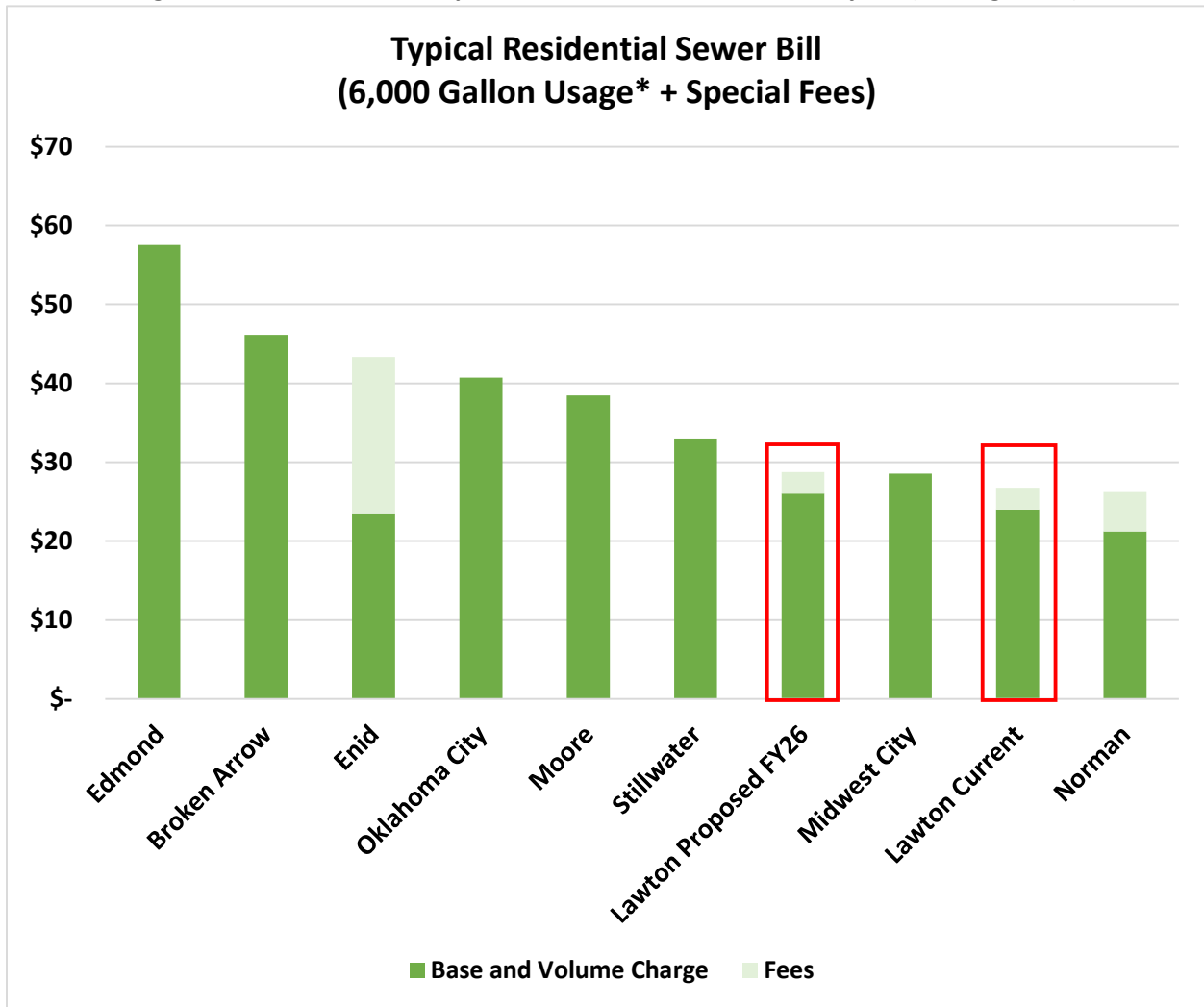
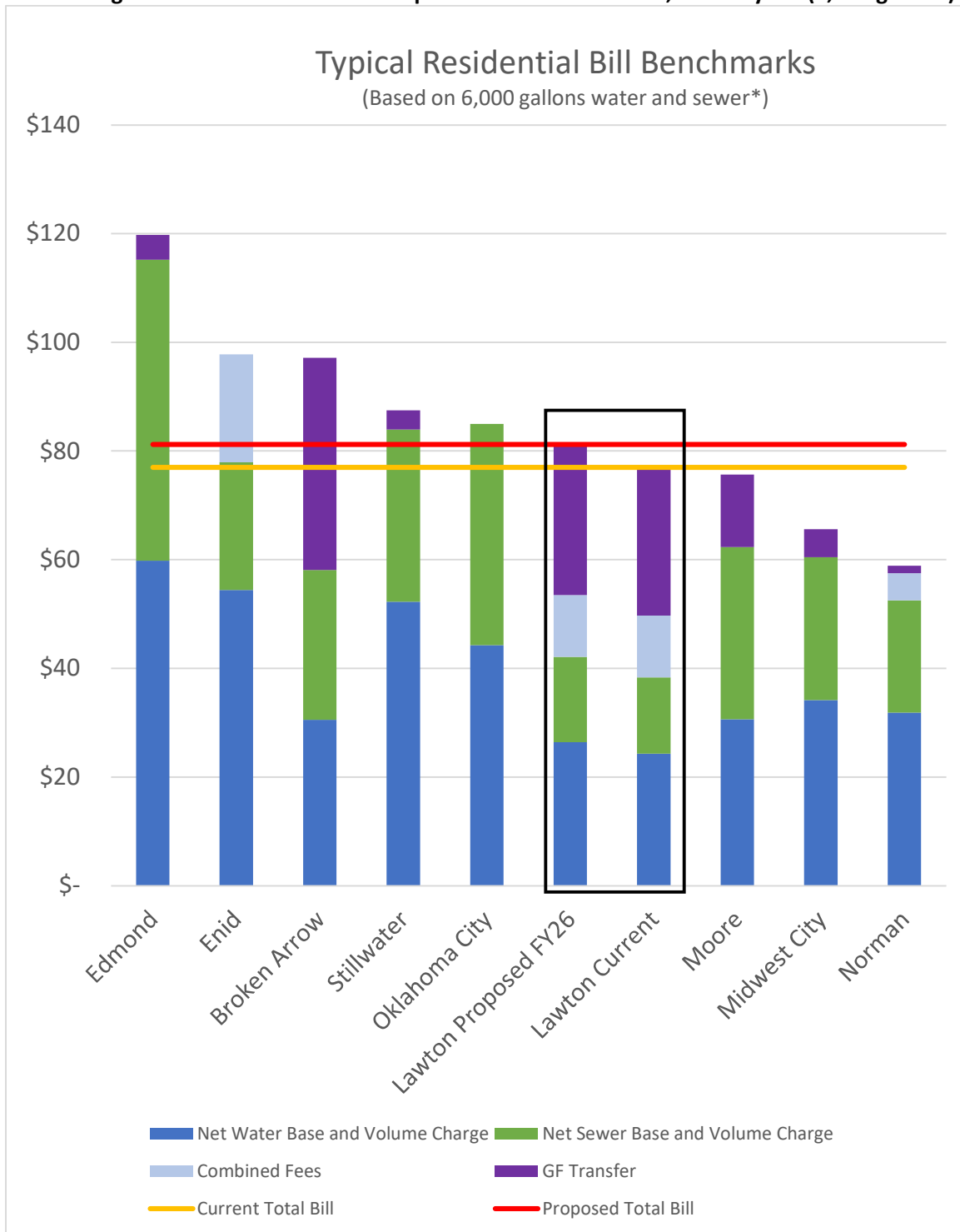


Figure 7-2: Sewer Rate Comparison with Other Cities, Monthly Bill (6,000 gallons)



* Midwest City based on 3,000 gallons because of winter averaging

Figure 7-3: Combined Rate Comparison with Other Cities, Monthly Bill (6,000 gallons)



* Midwest City based on 3,000 gallons because of winter averaging

8.0 LONG-TERM COST PROJECTIONS

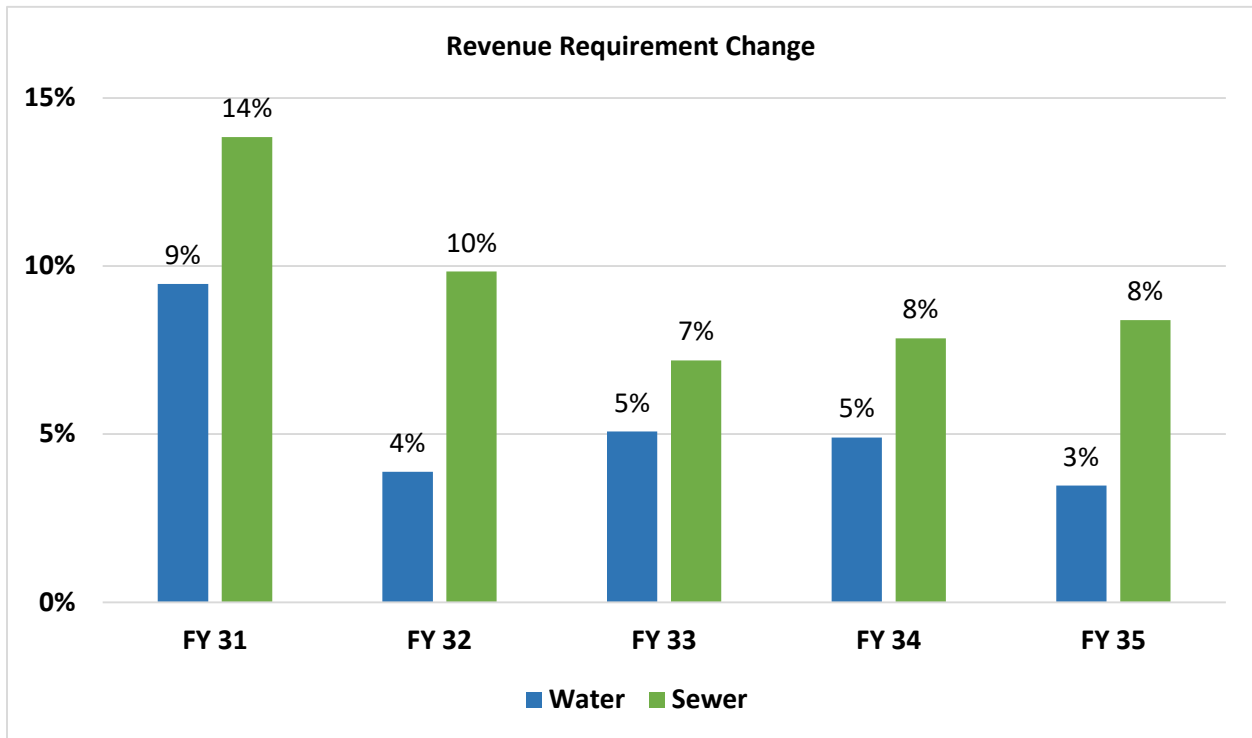
As part of this study, FNI analyzed costs over a 10-year period, as discussed with the City. **Table 8-1** shows a projection of the long-term costs associated with operations and maintenance, debt, life cycle costs, General Fund transfers, and payments to the Waurika Fund for FY31 to FY35. **Figure 8-1** shows the resulting percent change in revenue requirement from these cost factors. It should be noted that long range plans are subject to changes in variables such as inflation, interest rates, future revenue collection, and other unforeseen expenses. This analysis includes the total rate-payer burden to be paid by all customer classes. It is assumed that Goodyear and Republic Paper will transition to cost-of-service based rates when the current contracts expire mid-2030. For FY31 and beyond, it is recommended that their usage be incorporated into the industrial class. Fort Sill will continue to pay the lowest available rate.

Table 8-1: Long-Term Cost Projections

Long-Term Cost Projections	FY31	FY32	FY33	FY34	FY35
Water O&M	\$15,855,296	\$16,327,725	\$16,814,301	\$17,315,448	\$17,831,602
Water Debt*	\$3,951,570	\$3,854,371	\$3,149,762	\$2,668,537	\$2,563,299
Water Life Cycle Cost	\$6,231,245	\$7,302,555	\$9,470,342	\$11,428,395	\$12,499,835
Water General Fund Transfer	\$13,069,370	\$13,069,370	\$13,069,370	\$13,069,370	\$13,069,370
Waurika	\$4,550,000	\$4,550,000	\$4,550,000	\$4,550,000	\$4,550,000
Total Water	\$43,657,481	\$45,104,022	\$47,053,775	\$49,031,750	\$50,514,106
Sewer O&M	\$14,734,293	\$15,085,056	\$15,446,329	\$15,818,426	\$16,201,673
Sewer Debt*	\$6,603,940	\$6,876,301	\$6,728,970	\$6,861,073	\$7,286,314
Sewer Life Cycle Cost	\$4,242,575	\$5,856,832	\$7,471,499	\$9,085,684	\$10,699,593
Sewer General Fund Transfer**	\$2,658,177	\$2,658,177	\$2,658,177	\$2,658,177	\$2,658,177
Total Sewer	\$28,238,985	\$30,476,366	\$32,304,975	\$34,423,360	\$36,845,757

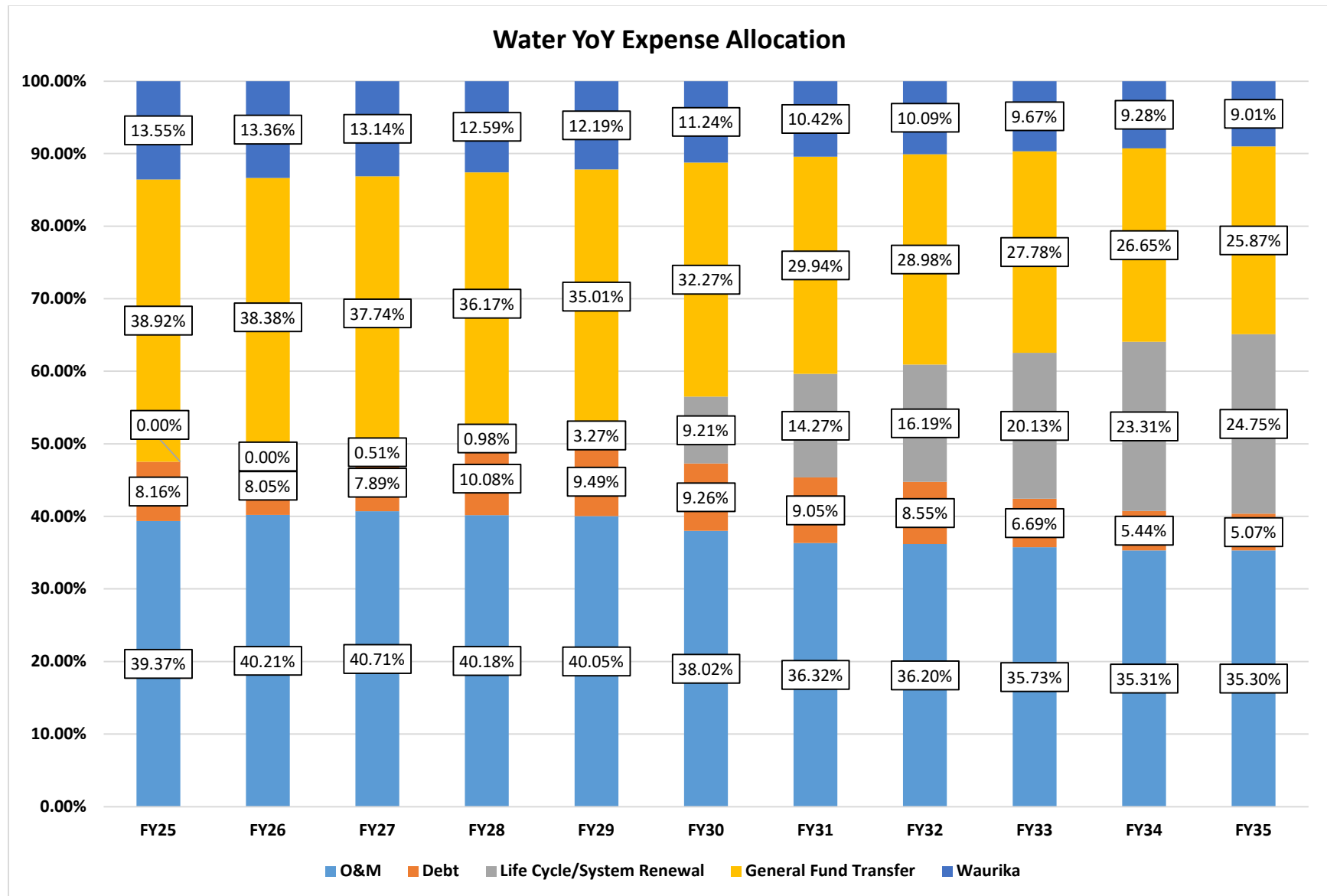
*Water and sewer debt used in projection based on the balance of the total system debt funded by rate payers as documented in Appendix C.

Figure 8-1: Percent Change in Revenue Requirement

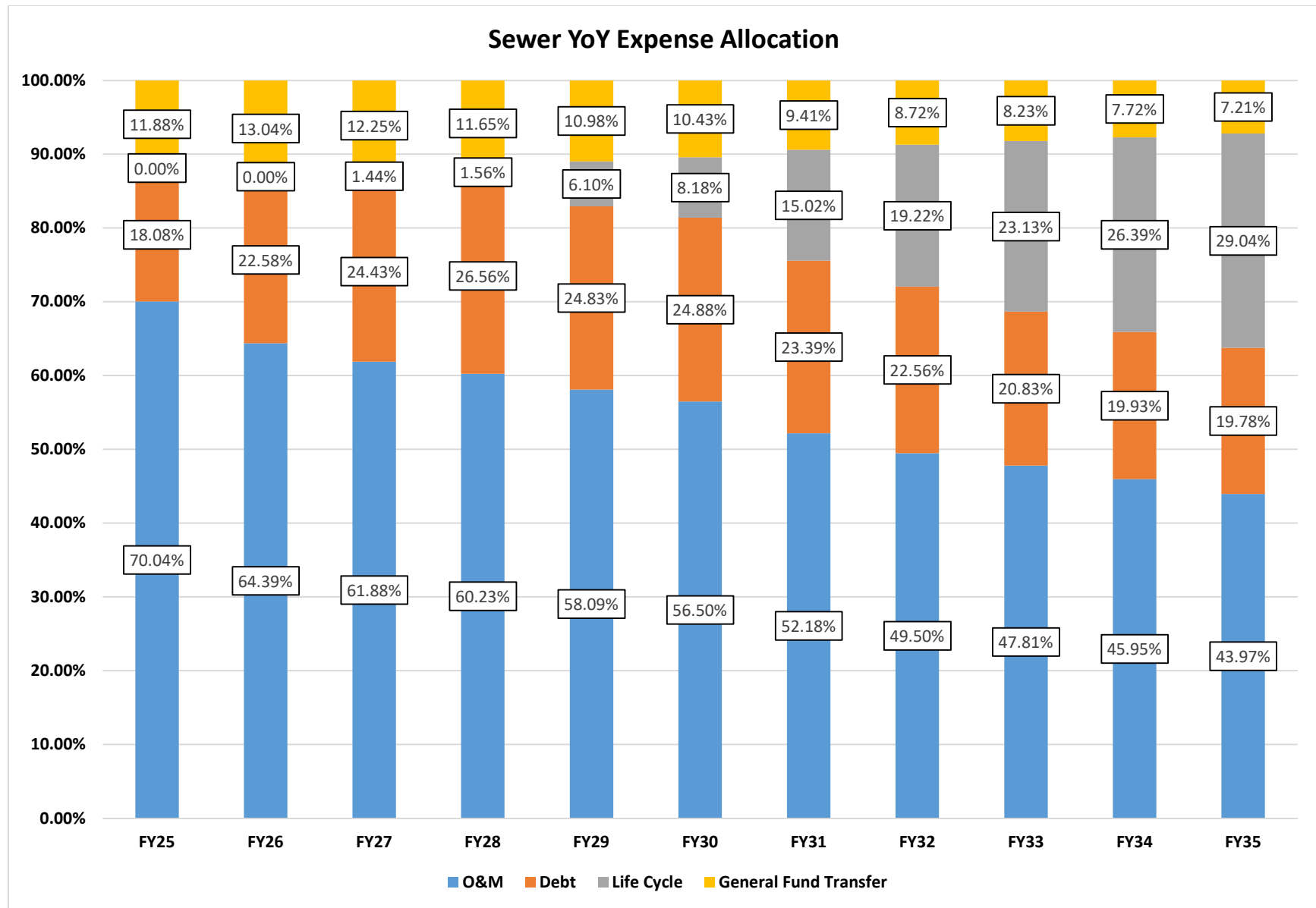


APPENDIX A

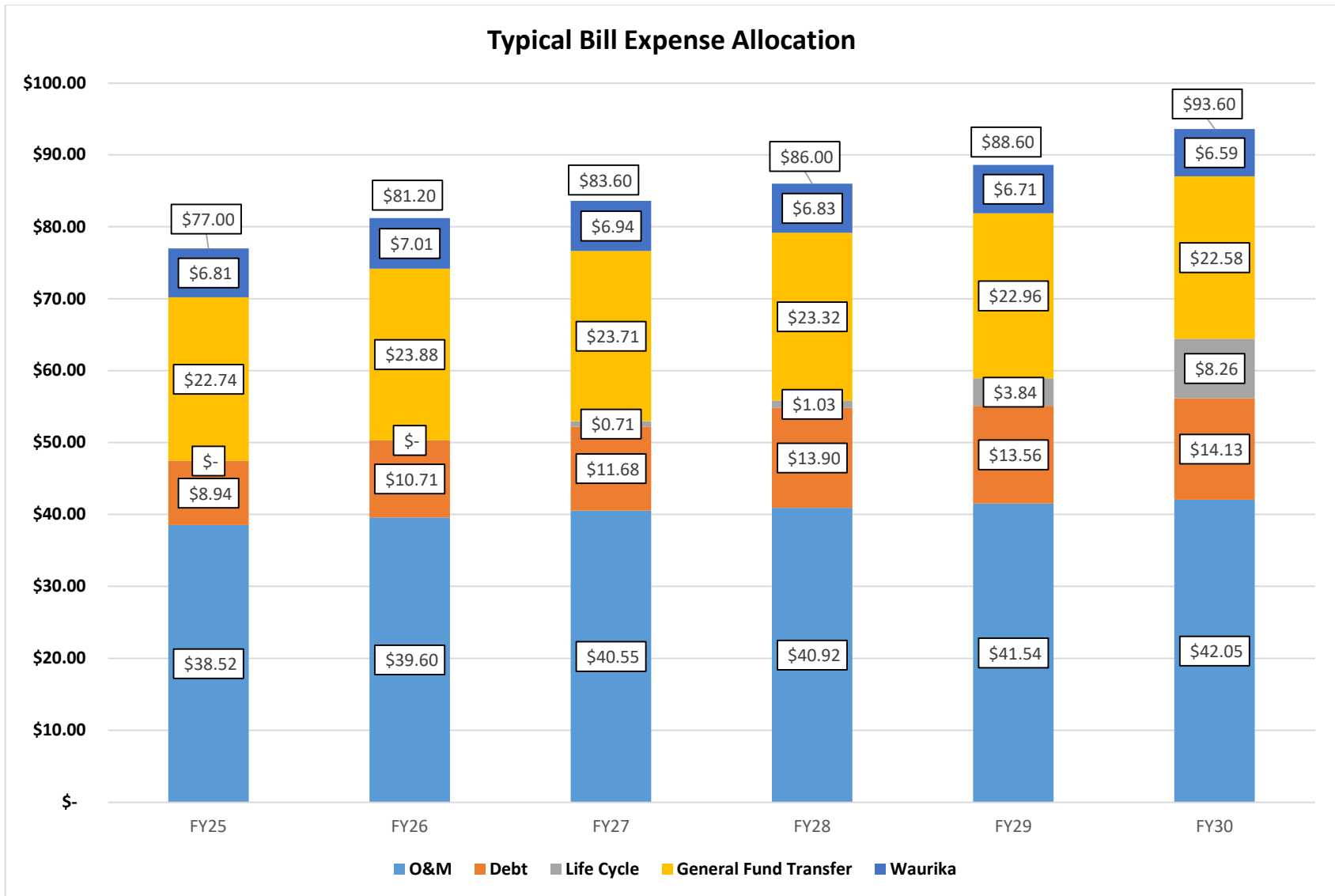
PROJECTED FUTURE EXPENDITURE ALLOCATION AND BUDGET BENCHMARKS



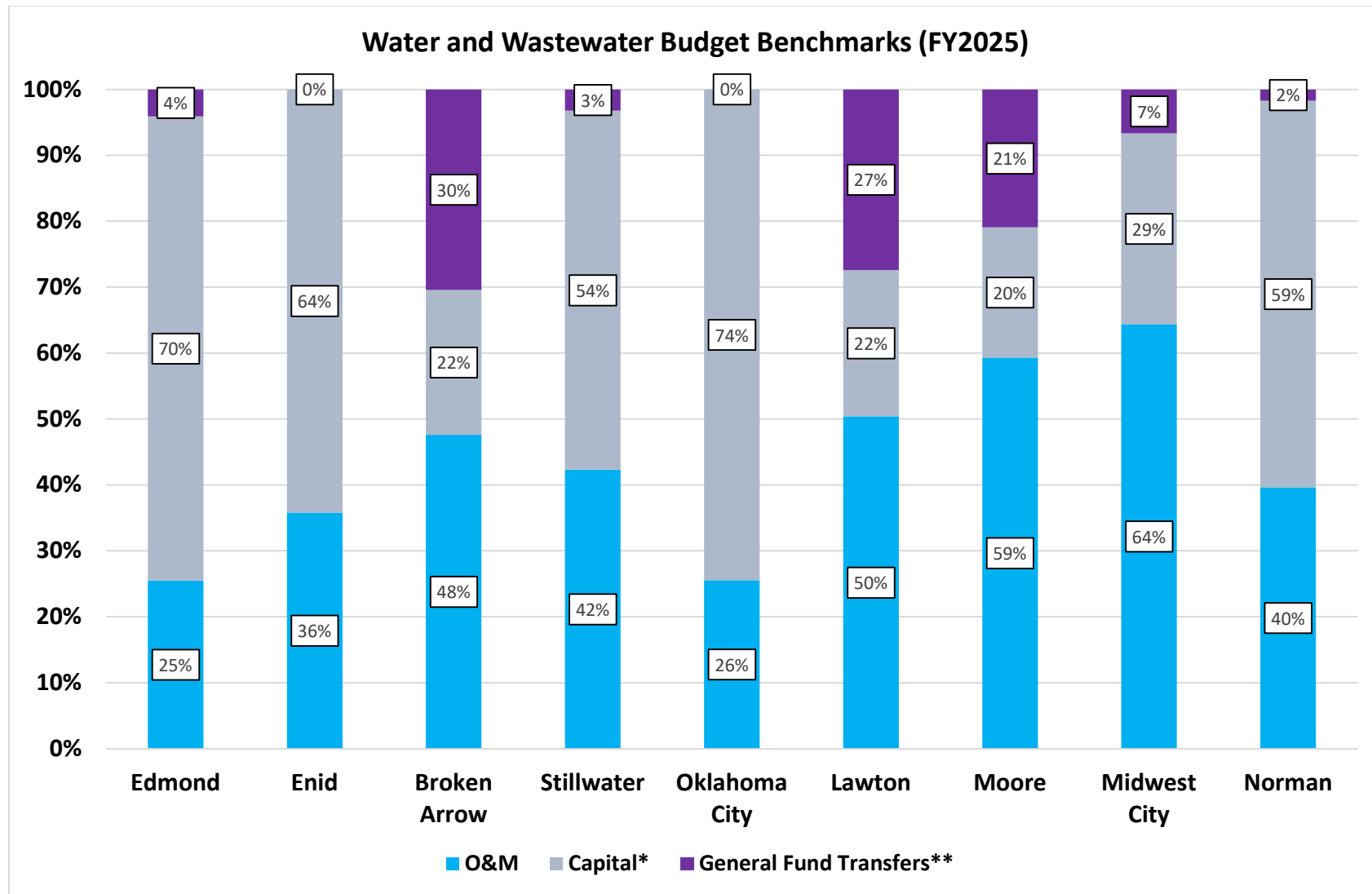
Note: Capital Outlay expense captured in O&M



Note: Capital Outlay expense captured in O&M



Note: Capital Outlay expense captured in O&M



*Includes budgeted debt service, capital outlay and cash-funded capital projects

**Does not include other budgeted transfers out

APPENDIX B

WATER AND WASTEWATER CAPITAL IMPROVEMENT PLANS

Water Capital Improvement Plan

Project Name	Project Number	Project Amount	Funding Source	2024	2025	2026	2027	2028	2029
Ellsworth Spillway Design	PU1701	\$527,656	FEMA Grant	\$0	\$0	\$0	\$0	\$0	\$0
Ellsworth Spillway Rehabilitation	PU2312	\$11,000,000	State Designated ARPA	\$582,453	\$582,453	\$582,453	\$582,453	\$582,453	\$582,453
Ellsworth Spillway Rehabilitation	PU2312	\$1,000,000	HHD Grant	\$1,000,000	\$0	\$0	\$0	\$0	\$0
Ellsworth Spillway Rehabilitation	PU2312	\$16,000,000	City Funds	\$16,000,000	\$0	\$0	\$0	\$0	\$0
Gondola Lake Dam Design	PU2407	\$450,000	State Designated ARPA	\$15,885	\$15,885	\$15,885	\$15,885	\$15,885	\$15,885
Gondola Lake Dam Construction	PU2411	\$2,200,000	State Designated ARPA	\$116,491	\$116,491	\$116,491	\$116,491	\$116,491	\$116,491
Industrial Water Main Ext Phase 2	PU2412, PU2420, PU2310	\$6,602,634	City ARPA Grant	\$313,756	\$313,756	\$313,756	\$313,756	\$313,756	\$313,756
Numu Creek Construction	PW2312	\$2,200,000	CWSRF ORF22-0008-CWA	\$116,491	\$116,491	\$116,491	\$116,491	\$116,491	\$116,491
Numu Creek Design	PW2312	\$687,825	CWSRF ORF22-0008-CWA	\$0	\$0	\$0	\$0	\$0	\$0
Storm Water Master Plan	PW2310	\$750,000	CWSRF ORF22-0008-CWA	\$0	\$0	\$0	\$0	\$0	\$0
29th St Culvert and Appurtenances Construction	EN2205	\$627,914	CWSRF ORF22-0008-CWA	\$0	\$0	\$0	\$0	\$0	\$0
Meter replacement Project	PU2203	\$5,000,000	CWSRF ORF22-0008-CWA	\$39,171	\$39,171	\$39,171	\$39,171	\$39,171	\$39,171
CWSRF Loan 2 Contingency		\$71,686	CWSRF ORF22-0008-CWA	\$3,796	\$3,796	\$3,796	\$3,796	\$3,796	\$3,796
2023 CIPP Liner Project	PU2307	\$9,249,784	CWSRF ORF24-0050-CW	\$40,758	\$40,758	\$40,758	\$40,758	\$40,758	\$40,758
South Wolf Creek Expansion #5	PU1801	\$4,064,782	CWSRF ORF24-0050-CW	\$215,231	\$215,231	\$215,231	\$215,231	\$215,231	\$215,231
Sub Basin 104, 105, 106	PU1306, PU1410, PU1414	\$4,371,020	CWSRF ORF24-0050-CW	\$231,447	\$231,447	\$231,447	\$231,447	\$231,447	\$231,447
CWSRF Loan 3 Contingency		\$3,919,465	CWSRF ORF24-0050-CW	\$207,537	\$207,537	\$207,537	\$207,537	\$207,537	\$207,537
2024 CIPP Liner Project Construction	PU2419	\$3,850,000	CWSRF	\$203,858	\$203,858	\$203,858	\$203,858	\$203,858	\$203,858
2024 CIPP Liner Project Design	PU2418	\$350,000	CWSRF	\$18,533	\$18,533	\$18,533	\$18,533	\$18,533	\$18,533
CWSRF Loan 4 Contingency		\$42,555	CWSRF	\$2,253	\$2,253	\$2,253	\$2,253	\$2,253	\$2,253
SCADA Improvements Engineering	PU2201	\$967,900	1/2 Cent W/WW CIP	\$0	\$0	\$0	\$0	\$0	\$0

Project Name	Project Number	Project Amount	Funding Source	2024	2025	2026	2027	2028	2029
SCADA Improvements Construction	PU2201	\$1,403,490	1/2 Cent W/WW CIP	\$0	\$0	\$0	\$0	\$0	\$0
SCADA Improvements Software	PU2201	\$4,709,000	DWSRF ORF-22-0045-DW	\$0	\$0	\$0	\$0	\$0	\$0
DWSRF Loan 4 Contingency		\$200,000	DWSRF ORF-22-0045-DW	\$10,590	\$10,590	\$10,590	\$10,590	\$10,590	\$10,590
Cache Rd Waterline Replacement Design	PU2107	\$1,396,799	DWSRF ORF-22-0046-DW	\$0	\$0	\$0	\$0	\$0	\$0
Cache Rd Waterline Replacement Design	PU2107	\$450,000	DWSRF ORF-22-0046-DW	\$0	\$0	\$0	\$0	\$0	\$0
Cache Rd Water Line 12"	PU2303	\$9,640,270	DWSRF ORF-22-0046-DW	\$0	\$0	\$0	\$0	\$0	\$0
Cache Rd Water Line 36"	PU2302	\$15,588,125	DWSRF ORF-22-0046-DW	\$0	\$0	\$0	\$0	\$0	\$0
Cache Rd Water Line 36" (Inspection)	PU2302	\$484,632	DWSRF ORF-22-0046-DW	\$0	\$0	\$0	\$0	\$0	\$0
Cache Rd Water Line 36" (Contract Admin)	PU2302	\$75,000	DWSRF ORF-22-0046-DW	\$3,971	\$3,971	\$3,971	\$3,971	\$3,971	\$3,971
Cache Rd Water Line 36" (ROW)	PU2302	\$400,000	DWSRF ORF-22-0046-DW	\$15,568	\$15,568	\$15,568	\$15,568	\$15,568	\$15,568
DWSRF Loan 5 Contingency		\$1,066,573	DWSRF ORF-22-0046-DW	\$56,475	\$56,475	\$56,475	\$56,475	\$56,475	\$56,475
Meadowbrook Waterline replacement	PU2204	\$3,377,815	DWSRF ORF-24-0007-DW	\$0	\$0	\$0	\$0	\$0	\$0
67th St Waterline Extension	PU2211	\$2,612,065	DWSRF ORF-24-0007-DW	\$0	\$0	\$0	\$0	\$0	\$0
FY23 High Maintenance Design	PU2304	\$3,062,283	DWSRF ORF-24-0007-DW	\$0	\$0	\$0	\$0	\$0	\$0
Map 09 Rehab Construction	PU2308	\$14,177,260	DWSRF ORF-24-0007-DW	\$0	\$0	\$0	\$0	\$0	\$0
DWSRF Loan 6 Contingency		\$6,469,577	DWSRF ORF-24-0007-DW	\$342,566	\$342,566	\$342,566	\$342,566	\$342,566	\$342,566
FY24 High Maintenance Water Design	PU2401	\$2,000,000	DWSRF P40-101103-07	\$105,900	\$105,900	\$105,900	\$105,900	\$105,900	\$105,900
Map 11 Water Rehab Construction Phase I	PU2309	\$11,347,737	DWSRF P40-101103-07	\$600,865	\$600,865	\$600,865	\$600,865	\$600,865	\$600,865
Water Map 10 Rehabilitation Construction	PU2403	\$5,000,000	DWSRF P40-101103-07	\$264,751	\$264,751	\$264,751	\$264,751	\$264,751	\$264,751
Water Map 39 Rehabilitation Construction	PU2408	\$4,000,000	DWSRF P40-101103-07	\$211,801	\$211,801	\$211,801	\$211,801	\$211,801	\$211,801
DWSRF Loan 7 Contingency		\$2,350,763	DWSRF P40-101103-07	\$124,473	\$124,473	\$124,473	\$124,473	\$124,473	\$124,473
Map 11 Water Rehab Construction Phase II	PU2313	\$4,000,000	DWSRF P40-101103-08	\$211,801	\$211,801	\$211,801	\$211,801	\$211,801	\$211,801

Water and Sewer Rate Study
City of Lawton



Project Name	Project Number	Project Amount	Funding Source	2024	2025	2026	2027	2028	2029
Water Map 53 Rehabilitation Construction	PU2404	\$4,000,000	DWSRF P40-101103-08	\$211,801	\$211,801	\$211,801	\$211,801	\$211,801	\$211,801
Water Map 46 Rehabilitation Construction	PU2409	\$5,000,000	DWSRF P40-101103-08	\$264,751	\$264,751	\$264,751	\$264,751	\$264,751	\$264,751
Water Map 58 Rehabilitation Construction	PU2410	\$4,000,000	DWSRF P40-101103-08	\$211,801	\$211,801	\$211,801	\$211,801	\$211,801	\$211,801
Water Map 8 Rehabilitation Construction	PU2415	\$3,000,000	DWSRF P40-101103-08	\$158,851	\$158,851	\$158,851	\$158,851	\$158,851	\$158,851
DWSRF Loan & Contingency		\$4,698,500	DWSRF P40-101103-08	\$248,787	\$248,787	\$248,787	\$248,787	\$248,787	\$248,787
Lakes Gate Operation Policy Review & Update	PU2205	\$354,830	HHD Grant, 1/2 cent W/WW CIP	\$0	\$0	\$0	\$0	\$0	\$0
Alt Water Supply Engineering		\$9,660,470	Old CIP 2015	\$0	\$0	\$0	\$0	\$0	\$0
Well Site K Construction	PU2001	\$1,225,930	Old CIP 2015	\$0	\$0	\$0	\$0	\$0	\$0
Well Site K Pilot	PU2002	\$305,000	Old CIP 2015	\$0	\$0	\$0	\$0	\$0	\$0
Lawton Groundwater Supply Conveyance System	PU2210	\$0	OWRB FAP Loan	\$0	\$0	\$0	\$0	\$0	\$0
Green Sand Pilot Construction		\$0	OWRB FAP Loan	\$0	\$0	\$0	\$0	\$0	\$0
Sludge Handling Facility SEWTP Construction	PU2414	\$6,600,000.00	OWRB FAP Loan	\$349,472	\$349,472	\$349,472	\$349,472	\$349,472	\$349,472
Groundwater Supply Well Construction	PU2301	\$9,223,500	OWRB FAP Loan	\$0	\$0	\$0	\$0	\$0	\$0
MPWTP Filter Improvements Project Construction	PU2314	\$1,966,000	OWRB FAP Loan	\$0	\$0	\$0	\$0	\$0	\$0
MPWTP Filter Improvements Project Design	PU2313	\$174,425	OWRB FAP Loan	\$0	\$0	\$0	\$0	\$0	\$0
OWRB FAP+ Communities + Resilience + Arpa Contingency		\$26,212,337	OWRB FAP Loan	\$2,194,050	\$2,194,050	\$2,194,050	\$2,194,050	\$2,194,050	\$2,194,050
Total Water Projects		\$237,565,602		\$23,616,860	\$6,616,860	\$6,616,860	\$6,616,860	\$6,616,860	\$6,616,860

Wastewater Capital Improvement Plan

Project Name	Project Number	Project Amount	Funding Source	2024	2025	2026	2027	2028	2029
2021 CDBG Sewer Project Construction	PU2104	\$242,150	CWSRF ORF22-0008-CW	\$0	\$0	\$0	\$0	\$0	\$0
WWTP Phase I Engineering	PU2103	\$6,785,950	CWSRF ORF22-0008-CW	\$0	\$0	\$0	\$0	\$0	\$0
WWTP Phase I Conditional Assessment	PU2103	\$1,134,564	CWSRF ORF22-0008-CW	\$969	\$969	\$969	\$969	\$969	\$969
WWTP Phase I Inspection & Admin	PU2103	\$1,090,480	CWSRF ORF22-0008-CW	\$9,423	\$9,423	\$9,423	\$9,423	\$9,423	\$9,423
WWTP Phase I Construction	PU2103	\$29,000,000	CWSRF ORF22-0008-CW	\$0	\$0	\$0	\$0	\$0	\$0
WWTP Phase I Equipment		\$3,716,342	CWSRF ORF22-0008-CW	\$0	\$0	\$0	\$0	\$0	\$0
WWTP Interim Project I	PU2102	\$4,692,393	CWSRF ORF22-0008-CW	\$0	\$0	\$0	\$0	\$0	\$0
CWSRF Loan 1 Contingency		\$249,272	CWSRF ORF22-0008-CW	\$13,199	\$13,199	\$13,199	\$13,199	\$13,199	\$13,199
WWTP Phase II & SEWTP Wastewater Design	PU2214	\$6,078,900	CWSRF ORF22-0008-CWA	\$0	\$0	\$0	\$0	\$0	\$0
WWTP Phase II & SEWTP Wastewater Design (Inspection)	PU2214	\$621,360	CWSRF ORF22-0008-CWA	\$32,901	\$32,901	\$32,901	\$32,901	\$32,901	\$32,901
WWTP Phase I	PU2103	\$56,000,000	CWSRF ORF22-0008-CWA	\$64,596	\$64,596	\$64,596	\$64,596	\$64,596	\$64,596
CWSRF Loan 2 Contingency		\$485,095	CWSRF ORF22-0008-CWA	\$25,686	\$25,686	\$25,686	\$25,686	\$25,686	\$25,686
2024 Sewer Rehabilitation Phase 1 Construction	PU2413	\$4,000,000	CWSRF ORF-24-0050-CW	\$211,801	\$211,801	\$211,801	\$211,801	\$211,801	\$211,801
2024 Sewer Rehabilitation Phase I Design	PU2406	\$420,163	CWSRF ORF-24-0050-CW	\$0	\$0	\$0	\$0	\$0	\$0
Belmont Lift station Replacement Construction	PU2405	\$1,500,000	CWSRF ORF-24-0050-CW	\$79,425	\$79,425	\$79,425	\$79,425	\$79,425	\$79,425
Belmont Lift station Replacement Design	PU2405	\$336,655	CWSRF ORF-24-0050-CW	\$0	\$0	\$0	\$0	\$0	\$0
CWSRF Loan 3 Contingency		\$1,386,631	CWSRF ORF-24-0050-CW	\$73,422	\$73,422	\$73,422	\$73,422	\$73,422	\$73,422
2024 Phase II Sewer Design	PU2416	\$2,000,000	CWSRF	\$105,900	\$105,900	\$105,900	\$105,900	\$105,900	\$105,900
2024 Phase II Sewer Construction	PU2416	\$5,000,000	CWSRF	\$264,751	\$264,751	\$264,751	\$264,751	\$264,751	\$264,751
FY 25 High Maintenance Sewer Line Design		\$2,000,000	CWSRF	\$105,900	\$105,900	\$105,900	\$105,900	\$105,900	\$105,900
FY 25 High Maintenance Sewer Line Replacement	PU2417	\$36,000,000	CWSRF	\$1,906,209	\$1,906,209	\$1,906,209	\$1,906,209	\$1,906,209	\$1,906,209
CWSRF Loan 4 Contingency		\$455,945	CWSRF	\$24,142	\$24,142	\$24,142	\$24,142	\$24,142	\$24,142
Total Sewer Projects		\$185,019,637		\$3,997,401	\$3,997,401	\$3,997,401	\$3,997,401	\$3,997,401	\$3,997,401

APPENDIX C

DEBT SERVICE SCHEDULE

Water and Sewer Rate Study
City of Lawton



FYE June 30,	Funded by 2019 CIP Fund									W/S Rate Revenue Funds					Aggregate Debt Service
	Utility Revenue (Repayment Source)									Utility Revenue (Repayment Source)					
	2003A CWSRF Refunding	2003C CWSRF Refunding	2004E CWSRF Refunding	2018 CWSRF	2011 Refunding	2013 Refunding	2015A WLMCD Refunding	2015B WLMCD	2017 WLMCD Refunding	2021* CWSRF	2022A DWSRF	2022* CWSRF	2023* DWSRF	2023 Note	
2018	\$ 95,786	\$ 53,699	\$ 69,307	-	\$ 425,913	\$ 1,165,377	\$ 968,075	\$ 388,048	\$ 348,519						\$ 4,644,794
2019	95,313	53,434	68,967	\$ 165,419	427,138	1,162,778	967,583	388,329	1,044,116	\$ -					4,373,077
2020	\$ 94,840	\$ 53,169	\$ 68,626	\$ 326,549	\$ 428,025	\$ 1,164,384	\$ 968,402	\$ 388,385	\$ 1,032,414						\$ 4,524,794
2021	\$ 94,371	\$ 52,906	\$ 68,289	\$ 326,549	\$ 428,643	\$ 1,160,122	\$ 967,663	\$ 389,364	\$ 1,022,399						\$ 4,510,305
2022	\$ 93,894	\$ 52,639	\$ 67,945	\$ 326,549	\$ 433,923	\$ 1,160,139	\$ 967,261	\$ 388,655	\$ 1,022,400	\$ 123,732					\$ 4,637,136
2023	46,769	26,220	67,605	326,498	428,933	1,159,288	968,113	388,990	1,021,563	\$ 278,400	\$ 314,769	37,311			5,064,456
2024	-	-	33,674	327,336	433,673	1,157,570	968,283	390,563	1,021,058	522,001	600,228	101,908	\$ 145,056	\$ 218,919	5,920,269
2025	-	-	-	1,053,524	433,075	466,647	967,772	389,495	1,021,722	857,626	600,966	3,337,471	1,601,171	387,163	6,784,397
2026	-	-	-	1,053,524	437,208	-	967,526	388,203	1,022,123	856,930	600,675	3,829,376	1,673,480	384,795	7,345,257
2027	-	-	-	1,053,524	435,935	-	967,502	389,536	1,021,214	856,234	600,019	3,829,881	1,671,498	386,821	7,344,453
2028	-	-	-	1,053,524	86,148	-	968,620	388,404	1,020,683	994,929	600,198	3,829,539	1,669,981	387,878	7,482,525
2029	-	-	-	1,053,524	-	-	967,062	386,359	1,020,468	1,071,449	600,623	3,829,447	1,667,184	383,570	7,552,273
2030	-	-	-	1,053,524	-	-	968,525	388,229	1,020,507	1,036,925	600,816	3,829,479	1,665,737	388,414	7,521,371
2031	-	-	-	1,053,524	-	-	968,203	389,322	1,020,738	1,423,097	600,617	3,829,676	1,663,420	387,530	7,904,340
2032	-	-	-	1,053,524	-	-	-	389,065	1,021,101	1,818,829	600,020	3,830,445	1,661,152	385,919	8,296,365
2033	-	-	-	1,053,524	-	-	-	389,966	1,021,533	1,800,820	-	3,829,399	1,659,110	383,459	7,672,788
2034	-	-	-	1,053,524	-	-	-	390,305	1,021,726	2,062,985	-	3,829,676	1,656,017	-	7,548,678
2035	-	-	-	1,053,524	-	-	-	195,188	511,036	2,621,798	-	3,829,818	1,653,939	-	8,105,555
2036	-	-	-	1,053,524	-	-	-	-	-	2,618,303	-	3,829,594	1,652,436	-	8,100,333
2037	-	-	-	1,053,524	-	-	-	-	-	2,619,678	-	3,829,664	1,648,729	-	8,098,070
2038	-	-	-	1,053,524	-	-	-	-	-	2,620,356	-	3,830,052	1,646,514	-	8,096,922
2039	-	-	-	526,762	-	-	-	-	-	2,620,513	-	3,830,021	1,643,182	-	8,093,716
2040	-	-	-	-	-	-	-	-	-	2,620,017	-	3,829,503	1,640,903	-	8,090,423
2041	-	-	-	-	-	-	-	-	-	2,618,955	-	3,829,572	1,637,103	-	8,085,630
2042	-	-	-	-	-	-	-	-	-	2,617,285	-	3,829,836	1,634,256	-	8,081,377
2043	-	-	-	-	-	-	-	-	-	2,619,918	-	3,829,349	1,632,145	-	8,081,412
2044	-	-	-	-	-	-	-	-	-	2,616,943	-	3,830,105	1,628,448	-	8,075,496
2045	-	-	-	-	-	-	-	-	-	2,618,315	-	3,829,852	1,625,014	-	8,073,181
2046	-	-	-	-	-	-	-	-	-	2,618,991	-	3,829,542	1,621,896	-	8,070,428
2047	-	-	-	-	-	-	-	-	-	2,618,971	-	3,830,114	1,618,365	-	8,067,449
2048	-	-	-	-	-	-	-	-	-	2,618,255	-	3,829,447	1,613,599	-	8,061,300
2049	-	-	-	-	-	-	-	-	-	2,621,799	-	3,829,468	1,610,934	-	8,062,201
2050	-	-	-	-	-	-	-	-	-	2,619,604	-	3,829,966	-	-	6,449,570
2051	-	-	-	-	-	-	-	-	-	2,616,757	-	3,829,879	-	-	6,446,636
2052	-	-	-	-	-	-	-	-	-	2,618,126	-	3,828,939	-	-	6,447,065
2053	-	-	-	-	-	-	-	-	-	2,618,756	-	3,829,548	-	-	6,448,304
2054	-	-	-	-	-	-	-	-	-	-	-	3,829,987	-	-	3,829,987
2055	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2057	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ 33,674	\$ 15,603,437	\$ 1,826,038	\$ 1,624,217	\$ 7,743,493	\$ 4,474,636	\$ 11,743,909	\$ 63,065,160	\$ 5,404,163	\$ 114,398,645	\$ 41,241,271	\$ 3,694,466	\$ 232,237,769
Interest Rate	0.50%	0.50%	0.50%	2.52%	2.70%	2.89%	3.00%	2.90%	2.90%	1.74%	2.67%	3.29%	3.24%	4.85%	
Call Date	OWRB	OWRB	OWRB	OWRB	N/A	N/A	3/1/2023	10/1/2025	10/1/2027	OWRB	OWRB	OWRB	OWRB	Any time	
Original Size	\$ 1,819,429	\$ 1,020,000	\$ 1,310,000	\$ 12,705,000	\$ 5,270,000	\$ 10,920,000	\$ 12,356,290	\$ 5,460,707	\$ 13,541,305	\$ 47,000,000	\$ 5,000,000	\$ 72,900,000	\$ 28,000,000	\$ 2,940,000	

Sales Tax Cash Flow Difficiency funded by W/S Rate Revenue							
0.50% CIP Sales Tax (Repayment Source)							
FYE June 30,	2023B* CWSRF	2023C* DWSRF	Projected 2024B DWSRF	Projected 2024A CWSRF	Projected 2025A DWSRF	Projected 2025B CWSRF	Aggregate Debt Service
2018							
2019							
2020							
2021							
2022							
2023							
2024	44,550	\$ 28,463					\$ 73,013
2025	291,179	392,438	207,080	6,525			897,222
2026	1,812,954	1,497,095	622,803	146,000	\$126,620	\$121,115	4,326,587
2027	1,961,996	1,623,795	1,010,195	640,880	713,832	1,285,927	7,236,625
2028	1,931,058	1,625,366	1,077,568	858,692	1,121,848	1,286,914	7,901,447
2029	1,895,079	1,625,774	1,071,523	853,579	1,121,487	1,286,910	7,854,352
2030	1,861,621	1,623,039	1,363,147	1,338,918	1,121,640	1,286,060	8,594,424
2031	1,828,163	1,624,517	1,657,771	1,340,760	1,122,250	1,286,780	8,860,241
2032	1,796,858	1,622,685	1,660,185	1,341,926	1,122,082	1,285,915	8,829,651
2033	1,761,246	1,620,200	1,658,734	1,344,666	1,121,862	1,286,441	8,793,148
2034	1,727,788	1,624,230	1,658,925	1,346,607	1,121,776	1,286,427	8,765,752
2035	1,694,329	1,622,210	1,659,237	1,347,880	1,122,095	1,286,672	8,732,423
2036	1,662,658	1,626,501	1,661,850	1,350,175	1,122,374	1,286,280	8,709,838
2037	1,627,413	1,620,460	1,661,044	1,352,387	1,121,880	1,285,942	8,669,126
2038	1,593,954	1,620,643	1,661,453	1,355,500	1,122,258	1,286,473	8,640,281
2039	1,560,496	1,619,776	1,661,849	1,357,822	1,121,936	1,285,924	8,607,803
2040	1,528,458	1,624,621	1,664,078	1,358,803	1,122,267	1,286,638	8,584,864
2041	1,493,579	1,624,632	1,663,418	1,362,140	1,122,160	1,286,052	8,551,981
2042	1,460,121	1,620,267	1,664,506	1,364,999	1,121,618	1,286,709	8,518,220
2043	1,426,663	1,624,766	1,665,396	1,366,991	1,122,288	1,285,981	8,492,085
2044	1,394,258	1,624,328	1,666,584	1,370,226	1,122,234	1,286,400	8,464,030
2045	1,359,746	1,619,828	1,666,511	1,373,237	1,122,146	1,286,113	8,427,581
2046	1,326,288	1,620,480	1,667,620	1,376,400	1,122,246	1,286,529	8,399,562
2047	1,292,829	1,619,732	1,668,378	1,379,545	1,121,436	1,286,138	8,368,058
2048	1,260,058	1,623,516	1,669,811	1,382,460	1,121,523	1,286,760	8,344,129
2049	1,225,913	1,623,777	1,669,657	1,385,701	1,122,001	1,286,244	8,313,293
2050	1,192,454	1,623,395	1,671,076	1,388,636	1,122,254	1,285,942	8,283,757
2051	1,158,996	1,621,526	1,671,943	1,392,416	1,122,457	1,286,402	8,253,740
2052	1,125,858	1,623,504	1,673,782	1,396,448	1,122,047	1,286,709	8,228,348
2053	1,092,079	1,622,717	1,673,798	1,399,387	1,121,575	1,286,350	8,195,906
2054	1,058,621	1,620,689	1,674,686	1,404,487	1,121,420	1,286,808	8,166,711
2055	1,025,163	1,626,826	1,676,800	1,408,249	1,122,059	1,286,484	8,145,580
2056	-	-	839,042	705,657	1,117,577	1,286,872	3,949,148
2057	-	-	-	-	559,698	1,286,336	1,846,034
Total	\$ 45,427,876	\$ 48,981,795	\$ 47,840,450	\$ 38,798,099	\$40,771,408	\$39,999,246	\$ 255,024,963
	3.30% OWRB	3.45% OWRB	3.45% OWRB	3.30% OWRB	3.45% OWRB	3.30% OWRB	
	\$ 30,000,000	\$ 30,000,000	\$ 25,000,000	\$ 25,000,000	\$ 25,000,000	\$ 25,000,000	

	Projected	Water	Sewer	Total Funded	Income Available Sales Tax	Rate-Funded Water Balance	Rate-Funded Sewer Balance
FYE							
June 30.	Coverage						
2018							
2019							
2020							
2021							
2022	6.75						
2023	6.18						
2024	4.18						
2025	2.39	\$ 3,188,817	\$ 4,492,801	\$ 7,681,618	\$ 897,222	\$ 2,740,207	\$ 4,044,190
2026	1.84	\$ 4,905,468	\$ 6,766,375	\$ 11,671,843	\$ 4,326,587	\$ 2,742,175	\$ 4,603,082
2027	1.57	\$ 6,006,160	\$ 8,574,918	\$ 14,581,078	\$ 6,546,093	\$ 2,733,114	\$ 5,301,872
2028	1.51	\$ 6,482,840	\$ 8,901,132	\$ 15,383,972	\$ 5,682,180	\$ 3,641,749	\$ 6,060,042
2029	1.51	\$ 6,470,161	\$ 8,936,464	\$ 15,406,625	\$ 5,852,646	\$ 3,543,838	\$ 6,010,141
2030	1.46	\$ 6,762,793	\$ 9,353,003	\$ 16,115,796	\$ 6,028,225	\$ 3,748,680	\$ 6,338,890
2031	1.42	\$ 7,056,106	\$ 9,708,476	\$ 16,764,582	\$ 6,209,072	\$ 3,951,570	\$ 6,603,940
2032	1.40	\$ 7,052,043	\$ 10,073,973	\$ 17,126,016	\$ 6,395,344	\$ 3,854,371	\$ 6,876,301
2033	1.44	\$ 6,443,364	\$ 10,022,572	\$ 16,465,936	\$ 6,587,204	\$ 3,149,762	\$ 6,728,970
2034	1.45	\$ 6,060,948	\$ 10,253,483	\$ 16,314,431	\$ 6,784,821	\$ 2,668,537	\$ 6,861,073
2035	1.42	\$ 6,057,482	\$ 10,780,497	\$ 16,837,979	\$ 6,988,365	\$ 2,563,299	\$ 7,286,314
2036	1.86	\$ 6,063,160	\$ 10,747,010	\$ 16,810,170	\$ 7,198,016	\$ 2,464,152	\$ 7,148,002
2037	1.87	\$ 6,052,113	\$ 10,715,084	\$ 16,767,196	\$ 7,413,957	\$ 2,345,135	\$ 7,008,105
2038	1.87	\$ 6,050,868	\$ 10,686,335	\$ 16,737,203	\$ 7,636,375	\$ 2,232,680	\$ 6,868,147
2039	1.87	\$ 6,046,743	\$ 10,654,776	\$ 16,701,519	\$ 7,865,467	\$ 2,114,010	\$ 6,722,042
2040	1.88	\$ 6,051,869	\$ 10,623,419	\$ 16,675,287	\$ 8,101,431	\$ 2,001,154	\$ 6,572,703
2041	1.88	\$ 6,047,313	\$ 10,590,298	\$ 16,637,611	\$ 8,344,473	\$ 1,875,076	\$ 6,418,061
2042	1.88	\$ 6,040,647	\$ 10,558,950	\$ 16,599,597	\$ 8,594,808	\$ 1,743,243	\$ 6,261,546
2043	1.89	\$ 6,044,596	\$ 10,528,902	\$ 16,573,498	\$ 8,852,652	\$ 1,618,270	\$ 6,102,576
2044	1.89	\$ 6,041,594	\$ 10,497,932	\$ 16,539,525	\$ 9,118,231	\$ 1,482,478	\$ 5,938,816
2045	1.90	\$ 6,033,499	\$ 10,467,263	\$ 16,500,762	\$ 9,391,778	\$ 1,337,610	\$ 5,771,373
2046	1.90	\$ 6,032,241	\$ 10,437,750	\$ 16,469,991	\$ 9,673,532	\$ 1,195,475	\$ 5,600,984
2047	1.90	\$ 6,027,911	\$ 10,407,597	\$ 16,435,507	\$ 9,963,738	\$ 1,046,042	\$ 5,425,728
2048	1.91	\$ 6,028,449	\$ 10,376,980	\$ 16,405,429	\$ 10,262,650	\$ 897,125	\$ 5,245,655
2049	1.91	\$ 6,026,369	\$ 10,349,125	\$ 16,375,494	\$ 10,570,529	\$ 741,105	\$ 5,063,860
2050	2.12	\$ 4,416,725	\$ 10,316,602	\$ 14,733,327	\$ 10,887,645	\$ (1,027,098)	\$ 4,872,779
2051	2.13	\$ 4,415,926	\$ 10,284,450	\$ 14,700,375	\$ 11,214,275	\$ (1,191,212)	\$ 4,677,312
2052	2.13	\$ 4,419,333	\$ 10,256,080	\$ 14,675,413	\$ 11,550,703	\$ (1,356,018)	\$ 4,480,729
2053	2.14	\$ 4,418,090	\$ 10,226,120	\$ 14,644,210	\$ 11,897,224	\$ (1,530,522)	\$ 4,277,508
2054	2.61	\$ 4,416,795	\$ 7,579,903	\$ 11,996,698	\$ 12,254,141	\$ (1,710,275)	\$ 1,452,833
2055	3.84	\$ 4,425,684	\$ 3,719,896	\$ 8,145,580	\$ 12,621,765	\$ (1,885,198)	\$ (2,590,986)
2056	7.92	\$ 1,956,619	\$ 1,992,529	\$ 3,949,148	\$ 13,000,418	\$ (4,543,589)	\$ (4,507,680)
2057	16.95	\$ 559,698	\$ 1,286,336	\$ 1,846,034	\$ 13,390,430	\$ (6,135,517)	\$ (5,408,879)
Total		\$ 184,239,086	\$ 301,689,026	\$ 485,928,112	\$ 13,792,143	\$ 177,343,015	\$ 294,792,954



NOTE: AVAILABLE SALES TAX BASED ON STAFF PROJECTIONS WITH 3% ANNUAL GROWTH

WATER & SEWER Proposed Rates

FY2026 WATER RATES BY CLASS

	Base Fee		Rate/1,000	
	Current	Proposed FY26	Current	Proposed FY26
RES/BUS	\$23.00	\$23.00	\$4.65	\$5.20
RES/BUS Outside	\$27.50	\$27.50	\$6.89	\$7.44
Industrial	N/A	\$43.00	N/A	\$5.05
COM/GOV	\$43.00	\$43.00	\$4.65	\$5.95
COM/GOV Outside	\$27.50	\$27.50	\$6.89	\$8.19
Wholesale	\$27.50	\$27.50	\$5.33	\$6.60

FY2026 SEWER RATES BY CLASS

	Base Fee		Rate/1,000	
	Current	Proposed FY26	Current	Proposed FY26
Residential	\$16.00	\$16.00	\$2.00	\$2.50
Residential Outside	\$24.00	\$24.00	\$3.00	\$3.75
Industrial	N/A	\$16.00	N/A	\$3.50
Non-Residential	\$16.00	\$16.00	\$2.25	\$4.75
Non-Residential Outside	\$24.00	\$24.00	\$3.38	\$7.13

TYPICAL RESIDENTIAL BILL CHANGE

Current

Proposed FY2026

Difference

(6000 gallons)

Water Base Fee	\$23.00
Water Volume	\$18.60
Waurika Surcharge	\$ 8.65

Total \$50.25

(6000 gallons)

Water Base Fee	\$23.00
Water Volume	\$20.80
Waurika Surcharge	\$ 8.65

Total \$52.45

Water + \$2.20/month

Sewer + \$2.00/month

Total + \$4.20/month
+ \$50.04/year

(6000 gallons)

Sewer Base Fee	\$16.00
Sewer Volume	\$ 8.00
Sewer Rehab Fee	\$ 2.75

Total \$ 26.75

(6000 gallons)

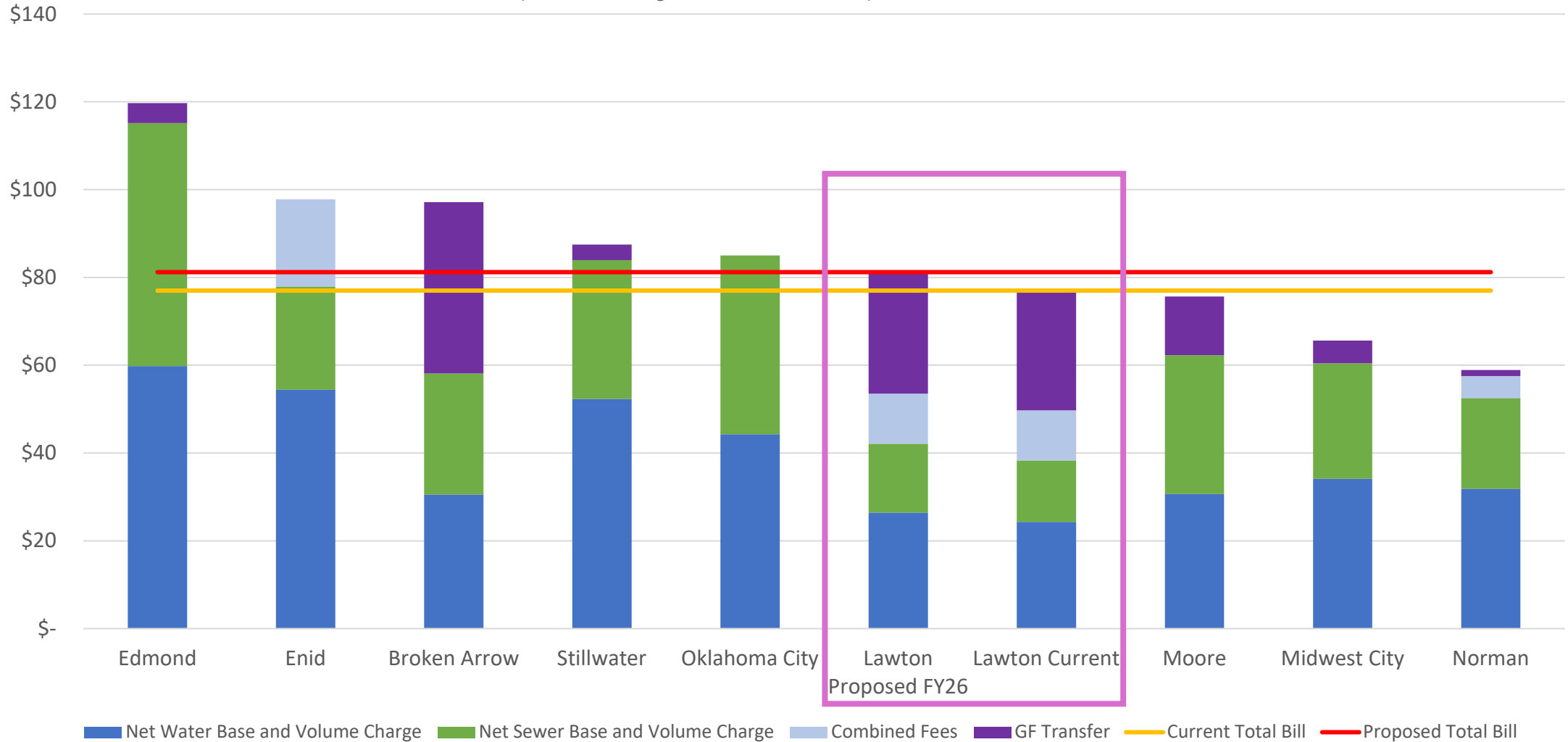
Sewer Base Fee	\$16.00
Sewer Volume	\$10.00
Sewer Rehab Fee	\$ 2.75

Total \$28.75

Note: 2,000 gallons included in base fee

TYPICAL RESIDENTIAL BILL BENCHMARKS

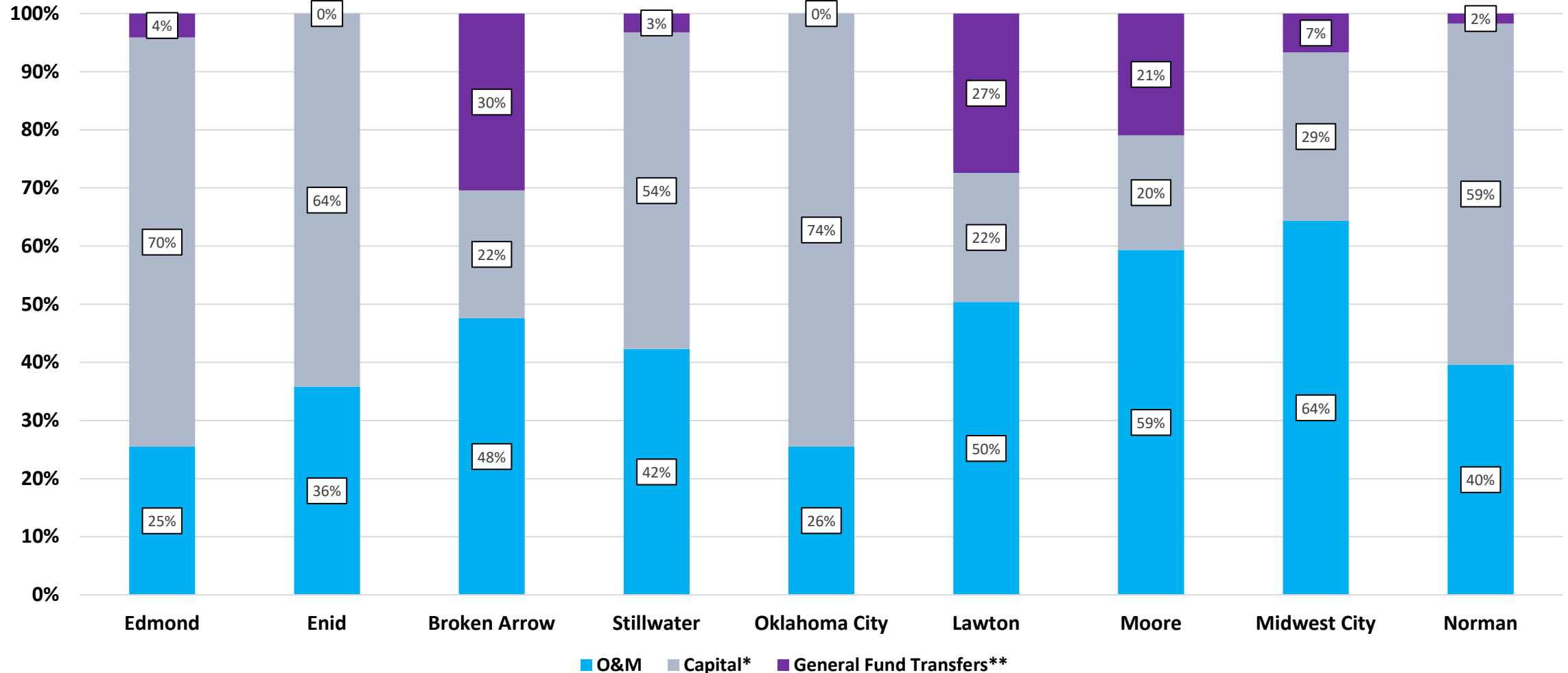
Typical Residential Bill Benchmarks
(Based on 6,000 gallons water and sewer*)



* Midwest City based on 3,000 gallons because of winter averaging

BUDGET BENCHMARKS BY COST CATEGORY

Water and Wastewater Budget Benchmarks



*Includes budgeted debt service, capital outlay and cash-funded capital projects

**Does not include other budgeted transfers out

WATER FUTURE VOLUMETRIC RATES

Customer Class	FY2027	FY2028	FY2029	FY2030
RES/BUS	\$5.30	\$5.65	\$5.85	\$6.75
RES/BUS Outside	\$7.54	\$7.89	\$8.09	\$8.99
Industrial	\$5.20	\$5.45	\$5.60	\$6.35
COM/GOV	\$6.15	\$6.50	\$6.75	\$7.70
COM/GOV Outside	\$8.39	\$8.74	\$8.99	\$9.94
Wholesale	\$6.64	\$6.95	\$7.14	\$7.95

SEWER FUTURE VOLUMETRIC RATES

Customer Class	FY2027	FY2028	FY2029	FY2030
Residential	\$3.00	\$3.25	\$3.70	\$4.05
Residential Outside	\$4.50	\$4.88	\$5.55	\$6.08
Industrial	\$3.65	\$3.90	\$4.25	\$4.65
Non-Residential	\$5.25	\$5.70	\$6.10	\$6.50
Non-Residential Outside	\$7.88	\$8.55	\$9.15	\$9.75

EXHIBIT "A"

Appendix A - FEES AND CHARGES Chapter A-22 UTILITIES

Chapter A-22 UTILITIES

Article A-22-1 General provisions.

GENERAL FEES AND CHARGES

22-102	Reduction in base rates for low income elderly and low income disabled, per month	
	Water	\$6.25
	Sewer	4.75
	Refuse	6.00
22-104	Deposit(s)	\$150.00 Residential utility and/or landfill deposit. Commercial utility and/or landfill deposits will be calculated by the average of the last three months at the same premises and if not reasonable previous occupancy, then an average of the last three months at another comparable type of business
22-104	Penalties for nonpayment:	
22-104	Late payment of utility/landfill bill, 20 days after billing date	1.50 or 10% of unpaid bill
22-104	If bill and penalty not paid 40 days after billing date, service restoration during working hours	50.00
22-104	Above, service restoration during other than working hours	75.00
22-104	Dishonored checks	35.00
22-105	The city may refer indebtedness for unpaid utility/landfill bills to a collection agency for collection. The indebtedness referred to the collection agency may include any unpaid fees, penalties, interest or sums established by City Code and due to the city for unpaid utility/landfill bills	In addition to the total amount of the indebtedness owed to the city, the utility/landfill customer/consumer will be responsible for repayment of any contracted collection fee established from the city's contract with the collection agency in an amount not to exceed thirty-five percent (35%) of the total indebtedness that has been referred by the

		city to the collection agency for collection
22-103	Duplicate Statement Fee	1.00 per request

WATER FEES AND CHARGES

22-111	Water rates inside city limits; residential, multiunit residential, and business	
	In addition to the charges listed below, a drainage maintenance fee will be added to each account for each unit per month, excluding senior citizen and disability discount accounts.	\$2.30
	In addition to the charges listed below, a stormwater management fee will be added to each account for each unit per month, excluding senior citizen and disability discount account.	1.25
	In addition to the charges listed below, a fee will be added to each account for each unit per month, to be deposited and expended for capital outlay (Rolling Stock), excluding senior citizens and disability discount accounts as defined in Section 22-102 and those utility accounts which are provided service on a seasonal basis as defined in Section 22-214.	8.05
	In addition to the water rates listed in Section 22-111 of this appendix, there is hereby assessed a surcharge on each City of Lawton billing to defray the cost of pumping water between the city's lakes. The surcharge shall be billed each utility customer based on the actual cost of pumping the water pro-rated based on consumption. The surcharge shall not apply to those accounts qualifying for the city's elderly/disabled low income reduction in rates as defined in Section 22-102 and utility customers whose water service is provided at a special rate under contract.	
22-111	In addition to the water rates listed in Section 22-111 of this appendix, there is hereby assessed a surcharge on each City of Lawton billing to defray the cost of the Waurika assessment for water/storage rights and improvements. The surcharge shall be billed to each unit. The surcharge shall not apply to those accounts qualifying for the city's elderly/disabled low income reduction in rates as defined in Section 22-102 and utility customers whose water service is provided at a special rate under contract.	8.65
22-111	Fuel Surcharge	0.00
	Water rates inside city limits; Residential and Business	
22-111	First 2,000 gallons or any part thereof (Rate adjustment to support debt service for WWTP CWSRF Loan)	23.00
22-111	All over 2,000 gallons, per 1,000 gallons or any part thereof	4.65 5.20
	In addition to (not in place of) the water rates listed in Section 22-111 of this Appendix for residential, multi-unit residential and business, water conservation rates for the purpose of identifying and obtaining alternative/additional water sources shall apply to each City of Lawton billing as follows:	
	Stage 3 Water Restriction Period:	

	Per 1,000 gallon for consumption between 8,001 and 15,000 gallons	1.15
	Per 1,000 gallon for consumption between 15,001 and 25,000 gallons	2.30
	Per 1,000 gallon for consumption above 25,000 gallons	4.60
	Stage 4 Water Restriction Period:	
	Per 1,000 gallon for consumption between 8,001 and 15,000 gallons	2.30
	Per 1,000 gallon for consumption between 15,001 and 25,000 gallons	4.60
	Per 1,000 gallon for consumption above 25,000 gallons	9.20
	Stage 5 Water Restriction Period:	
	Per 1,000 gallon for consumption between 8,001 and 15,000 gallons	4.60
	Per 1,000 gallon for consumption between 15,001 and 25,000 gallons	9.20
	Per 1,000 gallon for consumption above 25,000 gallons	18.40
22-111	Water rates inside city limits; government and commercial	
22-111	First 2,000 gallons or any part thereof	43.00
22-111	All over 2,000 gallons, per 1,000 gallons or any part thereof	4.60 5.95
22-111	Water rates inside city limits; industrial (usage greater than 1 MGD)	
22-111	<u>First 2,000 gallons or any part thereof</u>	<u>43.00</u>
22-111	<u>All over 2,000 gallons, per 1,000 gallons or any part thereof</u>	<u>5.05</u>
	In addition to (not in place of) the water rates listed in Section 22-111 of this Appendix for government and commercial <u>and industrial</u> , water conservation rates for the purpose of identifying and obtaining alternative/additional water sources shall apply to each City of Lawton billing as follows:	
	Stage 3 Water Restriction Period:	
	Per 1,000 gallon for consumption above 2000 gallons	0.35
	Stage 4 Water Restriction Period:	
	Per 1,000 gallon for consumption above 2000 gallons	0.46
	Stage 5 Water Restriction Period:	
	Per 1,000 gallon for consumption above 2,000 gallons	0.58

22-112	Water rates outside city limits	
	Base rate for each metered account	\$27.50
22-112	Water rates outside city limits per 1,000 gallons or any part thereof	6.89 7.44
	In addition to (not in place of) the water rates listed in Section 22-112 and the water rate for wholesale customers listed in Section 22-114 of this Appendix, water conservation rates for the purpose of identifying and obtaining alternative/additional water sources shall apply to each City of Lawton billing as follows:	
	Stage 3 Water Restriction Period:	
	Per 1,000 gallon for consumption between 8,001 and 15,000 gallons	1.15

	Per 1,000 gallon for consumption between 15,001 and 25,000 gallons	2.30
	Per 1,000 gallon for consumption above 25,000 gallons	4.60
	Stage 4 Water Restriction Period:	
	Per 1,000 gallon for consumption between 8,001 and 15,000 gallons	2.30
	Per 1,000 gallon for consumption between 15,001 and 25,000 gallons	4.60
	Per 1,000 gallon for consumption above 25,000 gallons	9.20
	Stage 5 Water Restriction Period:	
	Per 1,000 gallon for consumption between 8,001 and 15,000 gallons	4.60
	Per 1,000 gallon for consumption between 15,001 and 25,000 gallons	9.20
	Per 1,000 gallon for consumption above 25,000 gallons	18.40
	In addition to the charges listed below, a fee will be added to each account for each unit per month, to be deposited and expended for capital outlay (Rolling Stock), excluding senior citizens and disability discount accounts as defined in Section 22-102 and those utility accounts which are provided service on a seasonal basis as defined in Section 22-214.	7.50
	In addition to the water rates listed in Sections 22-112 and 22-114 of this Appendix, there is hereby assessed a surcharge on each City of Lawton billing to defray the cost of the Waurika assessment for water/storage rights and improvements, as follows:	
	Surcharge for each master meter and active submeter on the master meter account read and maintained by the City of Lawton	8.65
	Surcharge for each active submeter on the master meter account NOT read and maintained by the City of Lawton	4.05
	In addition to the water rates listed in Section 22-112 of this Appendix, there is hereby assessed a surcharge on each City of Lawton billing to defray the cost of pumping water between the city's lakes. The surcharge shall be billed to each utility customer based on the actual cost of pumping the water pro-rated based on consumption.	
	Fuel Surcharge	0.00
22-112	<u>Commercial & government water rates outside city limits</u>	
	Base rate for each metered account	<u>\$27.50</u>
22-112	Water rates outside city limits per 1,000 gallons or any part thereof	<u>8.19</u>
	In addition to (not in place of) the water rates listed in Section 22-112 and the water rate for wholesale customers listed in Section 22-114 of this Appendix, water conservation rates for the purpose of identifying and obtaining alternative/additional water sources shall apply to each City of Lawton billing as follows:	
	Stage 3 Water Restriction Period:	
	Per 1,000 gallon for consumption between 8,001 and 15,000 gallons	1.15
	Per 1,000 gallon for consumption between 15,001 and 25,000 gallons	2.30

	Per 1,000 gallon for consumption above 25,000 gallons	4.60
	Stage 4 Water Restriction Period:	
	Per 1,000 gallon for consumption between 8,001 and 15,000 gallons	2.30
	Per 1,000 gallon for consumption between 15,001 and 25,000 gallons	4.60
	Per 1,000 gallon for consumption above 25,000 gallons	9.20
	Stage 5 Water Restriction Period:	
	Per 1,000 gallon for consumption between 8,001 and 15,000 gallons	4.60
	Per 1,000 gallon for consumption between 15,001 and 25,000 gallons	9.20
	Per 1,000 gallon for consumption above 25,000 gallons	18.40
	In addition to the charges listed below, a fee will be added to each account for each unit per month, to be deposited and expended for capital outlay (Rolling Stock), excluding senior citizens and disability discount accounts as defined in Section 22-102 and those utility accounts which are provided service on a seasonal basis as defined in Section 22-214.	7.50
	In addition to the water rates listed in Sections 22-112 and 22-114 of this Appendix, there is hereby assessed a surcharge on each City of Lawton billing to defray the cost of the Waurika assessment for water/storage rights and improvements, as follows:	
	Surcharge for each master meter and active submeter on the master meter account read and maintained by the City of Lawton	8.65
	Surcharge for each active submeter on the master meter account NOT read and maintained by the City of Lawton	4.05
	In addition to the water rates listed in Section 22-112 of this Appendix, there is hereby assessed a surcharge on each City of Lawton billing to defray the cost of pumping water between the city's lakes. The surcharge shall be billed to each utility customer based on the actual cost of pumping the water pro-rated based on consumption.	
	Fuel Surcharge	0.00

22-113	Minimum charge for multiunit users	No. of units × (times) \$23.00 base rate
22-114	Special contracts for large volume customers	Determined by negotiation between parties
22-114	<u>Base rate for each metered wholesale account</u>	<u>27.50</u>
	Water rate for wholesale customer per 1,000 gallons or any part thereof	5.33 6.60
	Rate for Goodyear Tire and Rubber Company	Rate per 1,000 gallons \$2.55 5.05
22-115	Deposit for service, service reinstated, landfill charge account, or the water turned on	\$150.00 or surety bond in the minimum amount of \$3,000.00 or an amount to be determined by the City, whichever is greater

	(The city manager may waive the deposit for victims of a FEMA declared disaster.)	
22-115	Bookkeeping charge for discontinued service on open account, per month after the 12th of the month	\$1.15
22-115	Water changeout, split or modification 1½ inches and larger, cost of labor and materials plus 10%	
	Minimum	17.25
	Maximum	57.50
22-115	Establishment of new account or transfer	23.00
	(The city manager may waive this fee for victims of a FEMA declared disaster.)	
22-119	Raw Water rate per 1,000 gallons as provided in Section 22-119	1.60
22-120	Bac-T Analysis, Each	30.00

SEWER FEES AND CHARGES

22-131	Base charge, per month for first 2,000 gallons of water consumed, or any part thereof	\$16.00
	Dwelling unit, next 10,000 gallons, per 1,000 gallons	2.00 2.50
	(Quantities in excess of 12,000 gallons of water metered considered as not entering system.)	
	Business, commercial and governmental, and all other uses except dwelling units and industrial, all over 2,000 gallons, per 1,000 gallons	2.25 4.75
	<u>Industrial users, all over 2,000 gallons, per 1,000 gallons</u>	<u>3.50</u>
	In addition to all other charges for sewer service, a fee will be added to each account for each unit per month, to be deposited and expended for the rehabilitation of the wastewater collection system as required to complete all phases of the Oklahoma Department of Environmental Quality Consent Order issued in 1998, excluding senior citizens and disability discount accounts.	2.75
22-131	Per space, per month, Ralph's Resort and Schoolhouse Slough	11.65
22-132	Certain commercial users special rate when water is consumed as the principal ingredient of the commodity	½ times rates in above
22-133	Sewer service charge outside city limits	1½ times rate in above

INDUSTRIAL PRETREATMENT (WASTEWATER DISCHARGE CODE)

22-382/383	Users shall be subject to the following fee schedule. Users that exceed the limits set below shall be subject to the fee schedule and applicability of the surcharge formula. (Charged daily during the 90-day sampling quarter . If more than one sample is collected during a quarter, the first sample surcharge is calculated by using the days from the first of the quarter until the date of the second sample. Then the second sample surcharge is calculated using the remaining days in the quarter. If only one sample is taken during a 90-day period <u>the quarter</u> any surcharge fee that is applicable to said sample shall apply to all days in the sampling quarter both before and after the sample is taken.	
	Unit Rate (in dollars)	
	BOD5, each 1 mg/l over 750	\$0.18
	TSS, each 1 mg/l over 500	0.15
	Ammonia Nitrogen, each 1 mg/l over 25 <u>15</u>	0.31
	Fats, oil and grease, each 1 mg/l over 200	0.64
Surcharge formula:		
The lab will determine (on an individual basis) which parameters (BOD, TSS, NH3-N and FOG) will be analyzed.		
$SBOD5 = V \times 8.34 \times A(BOD5-750)$		
$STSS = V \times 8.34 \times B(TSS-500)$		
$SNH3-N = V \times 8.34 \times C(NH3-N- 25 15)$		
$SFOG = V \times 8.34 \times D(FOG-200)$		
$STotal = SBOD5 + STSS + SNH3-N + SFOG$		
$STotal \times DDay \text{ in quarter} = \text{Surcharge}$		
Where S is the surcharge fee in dollars per month		
V is the wastewater consumption in millions of gallons per day calculated from the industry's flow		
8.34 is pounds per gallon		
'A' is 0.11 <u>0.18</u>		
BOD is the BOD in milligrams per liter		
750 is the strength of allowable BOD in milligrams per liter		
'B' is 0.09 <u>0.15</u>		
TSS is the TSS in milligrams per liter		
500 is the strength of allowable TSS in milligrams per liter		
'C' is 0.19 <u>0.31</u>		
NH3-N is the ammonia nitrogen in milligrams per liter		
25 <u>15</u> is the strength of allowable NH3-N		
'D' is 0.39 <u>0.64</u>		
FOG is the oil and grease in milligrams per liter		
200 is the strength of allowable FOG		
22-382	Fees for Dumping Septage (per load)	
	500 to 750 gallon load	\$30.00 base up to 750 gallons
	750 to 1000 gallon load	\$4.00
	For each 100 gallons in excess of 1000 gallons	\$1.00/100

22-382/383	Septic tank dischargers shall be assessed a surcharge fee per load based on the formula below. Each Septic tank company will be analyzed on a random basis. The average of the analyses will be used to calculate the surcharge of BOD5 and TSS. (Charged per load during the <u>90-day quarter</u>)	
22-131	Sampling quarter. If more than one sample is collected during a quarter, the first sample surcharge is calculated by using the days from the first of the quarter until the date of the second sample. Then the second sample surcharge is calculated using the loads delivered during the remaining days in the quarter. If only one sample is taken during a <u>90-day period (quarter)</u> the quarter any surcharge fee that is applicable to said sample shall apply to all loads in the sampling quarter both before and after the sample is taken.)	
	Unit Rate (in dollars)	
	BOD5, each 1 mg/l over 750	0.18
	TSS, each 1 mg/l over 500	0.15
Surcharge formula: The lab will determine (on an individual basis) which parameters (BOD and TSS) will be analyzed		
$SBOD5 = V \times 8.34 \times A(BOD5-750)$		
$STSS = V \times 8.34 \times B(TSS-500)$		
STotal = SBOD5 + STSS		
STotal × NNumber of load during quarter = Surcharge		
Where S is the surcharge fee in dollars per quarter		
V is the wastewater consumption in millions of gallons per load calculated from the septic tank truck		
8.34 is pounds per gallon		
'A' is 0.001102 <u>0.18</u>		
BOD is the BOD in milligrams per liter		
750 is the strength of allowable BOD in milligrams per liter		
'B' is 0.00199 <u>0.15</u>		
TSS is the TSS in milligrams per liter		
500 is the strength of allowable TSS in milligrams per liter		
22-328	Categorical Pollutant Discharge Permit (New)	\$8,000.00
	Categorical Pollutant Discharge Permit (Renewal, Existing, Modified)	5,000.00
	NonCategorical Pollutant Discharge Permit (New)	200.00
	NonCategorical Pollutant Discharge Permit (Renewal, Existing, Modified)	100.00
	Monitoring, inspections and surveillance (one/year)	200.00
	Filing Appeals	200.00
	Categorical Pollutant Permit (Potential to Discharge, New)	450.00
	Categorical Pollutant Permit (Potential to Discharge, Renewal, Modified)	220.00
	Private Water/Sewer Meter Inspection (Verification/Reverification)	75.00
	Emergency Industrial Waste Disposal Inspection	600.00
	Requested Categorical Pretreatment Facility Inspection	500.00
	Duplication of an approved permit	15.00

22-326	Permit for disposal of septic tank sewage at the waste-water <u>wastewater</u> treatment plant, permit, annual	200.00
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