

City of Willow Park, Texas Water and Wastewater Rate Study Debt
--

<u>Series Name</u>	<u>Annual Payments</u>						<u>Water</u>	<u>Wastewater</u>
	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>		
GO Refunding Bonds, Series 2010	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	100%	0%
GO Refunding Bonds, Series 2012	106,575	-	-	-	-	-	100%	0%
Certificates of Obligation, Series 2014	39,851	44,373	43,809	43,198	42,544	41,849	100%	0%
Certificates of Obligation, Series 2015	47,601	30,491	29,932	29,373	28,078	29,817	100%	0%
Certificates of Obligation, Series 2016	58,606	58,423	58,146	57,791	57,366	56,878	100%	0%
Certificates of Obligation, Series 2017	266,034	265,348	264,526	268,498	267,264	265,894	0%	100%
TWDB C/O, Series 2019	509,195	509,195	509,195	509,108	508,760	508,064	100%	0%
Certificates of Obligation, Series 2021	188,100	340,775	341,050	336,250	336,375	336,350	100%	0%
Certificates of Obligation, Series 2021A	594,195	591,735	594,260	591,770	594,265	591,745	0%	100%
Aggregate Leases	18,419	18,419	-	-	-	-	100%	0%
GOV CAP 9371	82,373	82,373	82,373	82,373	-	-	100%	0%
Total	\$ 1,910,947	\$ 1,941,131	\$ 1,923,289	\$ 1,918,360	\$ 1,834,651	\$ 1,830,597		

<u>Existing Debt Summary</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Water	1,050,718	1,084,048	1,064,504	1,058,092	973,122	972,958
Wastewater	860,229	857,083	858,786	860,268	861,529	857,639
Not Paid Through Utilities	-	-	-	-	-	-
Total	\$ 1,910,947	\$ 1,941,131	\$ 1,923,289	\$ 1,918,360	\$ 1,834,651	\$ 1,830,597

<u>Projected Debt Summary</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Water	-	-	-	-	1,071,778	1,071,778
Wastewater	-	-	241,824	241,824	253,226	253,226
Total	\$ -	\$ -	\$ 241,824	\$ 241,824	\$ 1,325,003	\$ 1,325,003

<u>Combined Debt Summary</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Water	1,050,718	1,084,048	1,064,504	1,058,092	2,044,899	2,044,736
Wastewater	860,229	857,083	1,100,609	1,102,091	1,114,755	1,110,864
Total	\$ 1,910,947	\$ 1,941,131	\$ 2,165,113	\$ 2,160,183	\$ 3,159,654	\$ 3,155,600

<u>Projected Debt Assumptions</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Term (Years)	20	30	20	20	20	20
Interest Rate	3.00%	4.37%	4.37%	4.37%	4.37%	4.37%
First Payment in Year of Issue?	No	No	No	No	No	No

City of Willow Park, Texas
 Water and Wastewater Rate Study
 Capital Improvement Plan

Construction Cost Index 3.50%
 Inflate Costs? No

<u>Project Name</u>	<u>Funding Method</u>	<u>Impact Fee Eligible</u>	<u>Cost</u>	<u>Water</u>	<u>Wastewater</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
El Chico to Fox Hunt Transmission Line	Projected Debt	Yes	\$ 2,850,000	100%	0%				\$ 2,850,000		
Willow Springs Oaks Interconnect	Cash	Yes	75,000	100%	0%				75,000		
New 0.5 MG Elevated Tank (Fox Hunt)	Projected Debt	Yes	3,000,000	100%	0%				3,000,000		
Replace Deteriorated Lines	Projected Debt	Yes	2,500,000	100%	0%				2,500,000		
Bankhead 8" Water Line	Developer	Yes	885,000	100%	0%				885,000		
Crown Road 12" Loop	Developer	Yes	1,750,000	100%	0%				1,750,000		
New 0.5 MG Elevated Tank (South of IH20)	Projected Debt	Yes	3,750,000	100%	0%				3,750,000		
Fire Hydrant Additions	Cash	Yes	100,000	100%	0%				100,000		
Russell Road Water Line	Developer	Yes	830,000	100%	0%				830,000		
Upsize Lines	Projected Debt	Yes	2,000,000	100%	0%				2,000,000		
Fee Studies	Cash	Yes	35,000	100%	0%				35,000		
Collection System Inspection and Testing	Projected Debt	Yes	150,000	0%	100%				150,000		
Permanent 1.0 MGD Wastewater Treatment Plant	Existing Debt	Yes	12,000,000	0%	100%		12,000,000				
Permanent 1.0 MGD Wastewater Treatment Plant	Projected Debt	Yes	4,000,000	0%	100%		4,000,000				
South of IH Sewer Transmission	Developer	Yes	1,500,000	0%	100%		1,500,000				
Total			<u>\$ 35,425,000</u>			<u>\$ -</u>	<u>\$17,500,000</u>	<u>\$ -</u>	<u>\$17,925,000</u>	<u>\$ -</u>	<u>\$ -</u>

<p>City of Willow Park, Texas Water and Wastewater Rate Study CIP Summary</p>
--

<u>Water</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Existing Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Projected Debt	-	-	-	14,100,000	-	-
Developer	-	-	-	3,465,000	-	-
Cash	-	-	-	210,000	-	-
Total	\$ -	\$ -	\$ -	\$ 17,775,000	\$ -	\$ -

<u>Wastewater</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Existing Debt	\$ -	\$ 12,000,000	\$ -	\$ -	\$ -	\$ -
Projected Debt	-	4,000,000	-	150,000	-	-
Developer	-	1,500,000	-	-	-	-
Cash	-	-	-	-	-	-
Total	\$ -	\$ 17,500,000	\$ -	\$ 150,000	\$ -	\$ -

<u>CIP Funding Summary</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Existing Debt	\$ -	\$ 12,000,000	\$ -	\$ -	\$ -	\$ -
Projected Debt	-	4,000,000	-	14,250,000	-	-
Developer	-	1,500,000	-	3,465,000	-	-
Cash	-	-	-	210,000	-	-
Total	\$ -	\$ 17,500,000	\$ -	\$ 17,925,000	\$ -	\$ -

City of Willow Park, Texas Water and Wastewater Rate Study Water Fund Summary Under Current Rates
--

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Revenues						
Rate Revenues Under Current Rates	\$3,000,343	\$2,997,811	\$3,053,726	\$3,106,593	\$3,157,474	\$3,210,029
Other Revenues	97,300	212,300	212,300	212,300	212,300	212,300
Use of Reserves ⁽¹⁾	-	-	-	210,000	-	-
Use of Impact Fees ⁽¹⁾	-	-	-	-	574,557	115,216
Total Revenues	\$3,097,643	\$3,210,111	\$3,266,026	\$3,528,893	\$3,944,331	\$3,537,545
Expenses						
Operating Expenses	\$1,881,353	\$2,099,845	\$2,183,379	\$2,270,406	\$1,786,522	\$2,340,341
Transfer to Wastewater	400,000	400,000	200,000	200,000	110,000	-
Ft. Worth Wholesale Costs	-	343,801	364,931	386,742	409,460	433,620
Cash Capital	-	-	-	210,000	-	-
Debt Service	1,050,718	1,084,048	1,064,504	1,058,092	2,044,899	2,044,736
Franchise Fees ⁽²⁾	155,991	155,860	158,767	161,515	164,161	166,893
Total Expenses	\$3,488,063	\$4,083,553	\$3,971,580	\$4,286,755	\$4,515,043	\$4,985,591
Over / (Under) Recovery	(\$390,420)	(\$873,443)	(\$705,555)	(\$757,862)	(\$570,712)	(\$1,448,046)
Over / (Under) Recovery (%)	-11.19%	-21.39%	-17.77%	-17.68%	-12.64%	-29.04%
Beginning Unrestricted Net Position						
Use of Reserves	0	0	0	(210,000)	0	0
Change in Net Income	(390,420)	(873,443)	(705,555)	(757,862)	(570,712)	(1,448,046)
Ending Unrestricted Net Position	\$8,642,776	\$7,769,333	\$7,063,779	\$6,095,916	\$5,525,205	\$4,077,159
Expenses	3,488,063	4,083,553	3,971,580	4,286,755	4,515,043	4,985,591
Fund Balance Reserve	● 247.78%	● 190.26%	● 177.86%	● 142.20%	● 122.37%	● 81.78%
Debt Service Coverage						
Total Revenues	\$3,097,643	\$3,210,111	\$3,266,026	\$3,528,893	\$3,944,331	\$3,537,545
Less: Operating Expenses	(1,881,353)	(2,099,845)	(2,183,379)	(2,270,406)	(1,786,522)	(2,340,341)
Available for Debt Service Coverage	\$1,216,290	\$5,309,955	\$5,449,404	\$5,799,299	\$5,730,853	\$5,877,886
Debt Service	1,050,718	1,084,048	1,064,504	1,058,092	2,044,899	2,044,736
Coverage Ratio	● 1.16	● 4.90	● 5.12	● 5.48	● 2.80	● 2.87
Target Debt Service Coverage Ratio	1.00	1.00	1.00	1.00	1.00	1.00

Notes:

(1) Calculations assume Use of Reserves and Impact Fee Revenues can be considered revenues for purposes of debt service coverage calculation

(2) Calculations assume Franchise Fee are discretionary and available to meet Debt Service Coverage

City of Willow Park, Texas Water and Wastewater Rate Study Wastewater Fund Summary Under Current Rates

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Revenues						
Rate Revenues Under Current Rates	\$784,845	\$798,054	\$818,441	\$837,816	\$856,372	\$875,537
Other Revenues	19,396	19,396	19,396	19,396	19,396	19,396
Transfer from Water	400,000	400,000	200,000	200,000	110,000	-
Use of Reserves ⁽¹⁾	-	-	-	-	-	-
Use of Impact Fees ⁽¹⁾	-	-	228,588	69,537	71,824	74,186
Total Revenues	\$1,204,241	\$1,217,450	\$1,266,425	\$1,126,749	\$1,057,591	\$969,119
Expenses						
Operating Expenses	\$526,031	\$569,930	\$361,744	\$541,972	\$561,668	\$582,128
Cash Capital	-	-	-	-	-	-
Debt Service	860,229	857,083	1,100,609	1,102,091	1,114,755	1,110,864
Franchise Fees ⁽²⁾	47,116	47,909	49,133	50,296	51,410	52,560
Total Expenses	\$1,433,376	\$1,474,922	\$1,511,486	\$1,694,359	\$1,727,833	\$1,745,553
Over / (Under) Recovery	(\$229,134)	(\$257,472)	(\$245,062)	(\$567,610)	(\$670,242)	(\$776,434)
Over / (Under) Recovery (%)	-15.99%	-17.46%	-16.21%	-33.50%	-38.79%	-44.48%
Beginning Unrestricted Net Position						
Use of Reserves	\$212,976	(\$16,158)	(\$273,631)	(\$518,692)	(\$1,086,303)	(\$1,756,544)
Change in Net Income	0	0	0	0	0	0
Ending Unrestricted Net Position	(229,134)	(257,472)	(245,062)	(567,610)	(670,242)	(776,434)
Ending Unrestricted Net Position	(\$16,158)	(\$273,631)	(\$518,692)	(\$1,086,303)	(\$1,756,544)	(\$2,532,978)
Expenses	1,433,376	1,474,922	1,511,486	1,694,359	1,727,833	1,745,553
Fund Balance Reserve	● -1.13%	● -18.55%	● -34.32%	● -64.11%	● -101.66%	● -145.11%
Debt Service Coverage						
Total Revenues	\$1,204,241	\$1,217,450	\$1,266,425	\$1,126,749	\$1,057,591	\$969,119
Less: Operating Expenses	(526,031)	(569,930)	(361,744)	(541,972)	(561,668)	(582,128)
Available for Debt Service Coverage	\$678,210	\$1,787,380	\$1,628,169	\$1,668,721	\$1,619,259	\$1,551,247
Debt Service	860,229	857,083	1,100,609	1,102,091	1,114,755	1,110,864
Coverage Ratio	● 0.79	● 2.09	● 1.48	● 1.51	● 1.45	● 1.40
Target Debt Service Coverage Ratio	1.00	1.00	1.00	1.00	1.00	1.00

Notes:

(1) Calculations assume Use of Reserves and Impact Fee Revenues can be considered revenues for purposes of debt service coverage calculation

(2) Calculations assume Franchise Fee are discretionary and available to meet Debt Service Coverage

City of Willow Park, Texas Water and Wastewater Rate Study Combined Fund Summary Under Current Rates

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Revenues						
Rate Revenues Under Current Rates	\$3,785,188	\$3,795,864	\$3,872,167	\$3,944,409	\$4,013,846	\$4,085,566
Other Revenues	116,696	231,696	231,696	231,696	231,696	231,696
Transfer from Water	400,000	400,000	200,000	200,000	110,000	-
Use of Reserves ⁽¹⁾	-	-	-	210,000	-	-
Use of Impact Fees ⁽¹⁾	-	-	228,588	69,537	646,380	189,402
Total Revenues	\$4,301,884	\$4,427,560	\$4,532,450	\$4,655,642	\$5,001,922	\$4,506,664
Expenses						
Operating Expenses	\$2,407,384	\$2,669,775	\$2,545,123	\$2,812,378	\$2,348,190	\$2,922,469
Transfer to Wastewater	400,000	400,000	200,000	200,000	110,000	-
Ft. Worth Wholesale Costs	-	343,801	364,931	386,742	409,460	433,620
Cash Capital	-	-	-	210,000	-	-
Debt Service	1,910,947	1,941,131	2,165,113	2,160,183	3,159,654	3,155,600
Franchise Fees ⁽²⁾	203,107	203,769	207,900	211,812	215,571	219,454
Total Expenses	\$4,921,438	\$5,558,475	\$5,483,066	\$5,981,114	\$6,242,875	\$6,731,143
Over / (Under) Recovery	(\$619,554)	(\$1,130,915)	(\$950,616)	(\$1,325,473)	(\$1,240,953)	(\$2,224,480)
Over / (Under) Recovery (%)	-12.59%	-20.35%	-17.34%	-22.16%	-19.88%	-33.05%
Beginning Unrestricted Net Position						
Use of Reserves	\$9,246,172	\$8,626,618	\$7,495,703	\$6,545,086	\$5,009,614	\$3,768,660
Change in Net Income	0	0	0	(210,000)	0	0
Ending Unrestricted Net Position	(619,554)	(1,130,915)	(950,616)	(1,325,473)	(1,240,953)	(2,224,480)
Ending Unrestricted Net Position	\$8,626,618	\$7,495,703	\$6,545,086	\$5,009,614	\$3,768,660	\$1,544,181
Expenses	4,921,438	5,558,475	5,483,066	5,981,114	6,242,875	6,731,143
Fund Balance Reserve	● 175.29%	● 134.85%	● 119.37%	● 83.76%	● 60.37%	● 22.94%
Debt Service Coverage						
Total Revenues	\$4,301,884	\$4,427,560	\$4,532,450	\$4,655,642	\$5,001,922	\$4,506,664
Less: Operating Expenses	(2,407,384)	(2,669,775)	(2,545,123)	(2,812,378)	(2,348,190)	(2,922,469)
Available for Debt Service Coverage	\$1,894,500	\$7,097,335	\$7,077,573	\$7,468,020	\$7,350,112	\$7,429,133
Debt Service	1,910,947	1,941,131	2,165,113	2,160,183	3,159,654	3,155,600
Coverage Ratio	● 0.99	● 3.66	● 3.27	● 3.46	● 2.33	● 2.35
Target Debt Service Coverage Ratio	1.00	1.00	1.00	1.00	1.00	1.00

Notes:

(1) Calculations assume Use of Reserves and Impact Fee Revenues can be considered revenues for purposes of debt service coverage calculation

(2) Calculations assume Franchise Fee are discretionary and available to meet Debt Service Coverage

City of Willow Park, Texas Water and Wastewater Rate Study Water Rates

	<u>Current</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Residential Inside						
Minimum Charge						
5/8"	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71
3/4"	41.71	41.71	41.71	41.71	41.71	41.71
1"	104.29	104.29	104.29	104.29	104.29	104.29
1 1/2"	208.57	208.57	208.57	208.57	208.57	208.57
2"	333.72	333.72	333.72	333.72	333.72	333.72
3"	625.72	625.72	625.72	625.72	625.72	625.72
4"	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86
6"	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72

Volumetric Charge						
0-9,000 gallons	\$ 3.89	\$ 3.89	\$ 3.97	\$ 4.05	\$ 4.13	\$ 4.21
9,001-20,000 gallons	4.87	4.87	4.97	5.07	5.17	5.27
20,001-40,000 gallons	6.08	6.08	6.20	6.32	6.44	6.56
40,000 gallons+	7.60	7.60	7.75	7.90	8.05	8.20

Residential Senior Inside						
Minimum Charge						
5/8"	\$ 31.29	\$ 31.29	\$ 31.29	\$ 31.29	\$ 31.29	\$ 31.29
3/4"	31.29	31.29	31.29	31.29	31.29	31.29
1"	78.21	78.21	78.21	78.21	78.21	78.21
1 1/2"	156.43	156.43	156.43	156.43	156.43	156.43
2"	250.29	250.29	250.29	250.29	250.29	250.29
3"	469.29	469.29	469.29	469.29	469.29	469.29
4"	782.15	782.15	782.15	782.15	782.15	782.15
6"	1,564.29	1,564.29	1,564.29	1,564.29	1,564.29	1,564.29

Volumetric Charge						
0-9,000 gallons	\$ 2.92	\$ 2.92	\$ 2.98	\$ 3.04	\$ 3.10	\$ 3.16
9,001-20,000 gallons	4.87	4.87	4.97	5.07	5.17	5.27
20,001-40,000 gallons	6.08	6.08	6.20	6.32	6.44	6.56
40,000 gallons+	7.60	7.60	7.75	7.90	8.05	8.20

Residential Outside						
Minimum Charge						
5/8"	\$ 47.97	\$ 47.97	\$ 47.97	\$ 47.97	\$ 47.97	\$ 47.97
3/4"	47.97	47.97	47.97	47.97	47.97	47.97
1"	119.93	119.93	119.93	119.93	119.93	119.93
1 1/2"	239.86	239.86	239.86	239.86	239.86	239.86
2"	383.77	383.77	383.77	383.77	383.77	383.77
3"	719.57	719.57	719.57	719.57	719.57	719.57
4"	1,199.29	1,199.29	1,199.29	1,199.29	1,199.29	1,199.29
6"	2,398.58	2,398.58	2,398.58	2,398.58	2,398.58	2,398.58

Volumetric Charge						
0-9,000 gallons	\$ 4.47	\$ 4.47	\$ 4.56	\$ 4.65	\$ 4.74	\$ 4.83
9,001-20,000 gallons	5.60	5.60	5.71	5.82	5.93	6.04
20,001-40,000 gallons	6.99	6.99	7.13	7.27	7.41	7.55
40,000 gallons+	8.74	8.74	8.92	9.10	9.28	9.46

City of Willow Park, Texas Water and Wastewater Rate Study Water Rates

	<u>Current</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Commercial Inside						
Minimum Charge						
5/8"	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71
3/4"	41.71	41.71	41.71	41.71	41.71	41.71
1"	104.29	104.29	104.29	104.29	104.29	104.29
1 1/2"	208.57	208.57	208.57	208.57	208.57	208.57
2"	333.72	333.72	333.72	333.72	333.72	333.72
3"	625.72	625.72	625.72	625.72	625.72	625.72
4"	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86
6"	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72

Volumetric Charge						
0-25,000 gallons	\$ 3.89	\$ 3.89	\$ 3.97	\$ 4.05	\$ 4.13	\$ 4.21
25,000-50,000 gallons	4.87	4.87	4.97	5.07	5.17	5.27
50,000 gallons	6.08	6.08	6.20	6.32	6.44	6.56

Commercial Outside						
Minimum Charge						
5/8"	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71
3/4"	41.71	41.71	41.71	41.71	41.71	41.71
1"	104.29	104.29	104.29	104.29	104.29	104.29
1 1/2"	208.57	208.57	208.57	208.57	208.57	208.57
2"	333.72	333.72	333.72	333.72	333.72	333.72
3"	625.72	625.72	625.72	625.72	625.72	625.72
4"	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86
6"	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72

Volumetric Charge						
0-25,000 gallons	\$ 3.89	\$ 3.89	\$ 3.97	\$ 4.05	\$ 4.13	\$ 4.21
25,000-50,000 gallons	4.87	4.87	4.97	5.07	5.17	5.27
50,000 gallons	6.08	6.08	6.20	6.32	6.44	6.56

Irrigation Inside						
Minimum Charge						
5/8"	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71
3/4"	41.71	41.71	41.71	41.71	41.71	41.71
1"	104.29	104.29	104.29	104.29	104.29	104.29
1 1/2"	208.57	208.57	208.57	208.57	208.57	208.57
2"	333.72	333.72	333.72	333.72	333.72	333.72
3"	625.72	625.72	625.72	625.72	625.72	625.72
4"	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86
6"	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72

Volumetric Charge						
0-25,000 gallons	\$ 4.87	\$ 4.87	\$ 4.97	\$ 5.07	\$ 5.17	\$ 5.27
25,000-50,000 gallons	6.08	6.08	6.20	6.32	6.44	6.56
50,000 gallons	7.60	7.60	7.75	7.90	8.05	8.20

City of Willow Park, Texas Water and Wastewater Rate Study Water Rates

	<u>Current</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Hydrant Inside						
Minimum Charge						
5/8"	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71
3/4"	41.71	41.71	41.71	41.71	41.71	41.71
1"	104.29	104.29	104.29	104.29	104.29	104.29
1 1/2"	208.57	208.57	208.57	208.57	208.57	208.57
2"	333.72	333.72	333.72	333.72	333.72	333.72
3"	625.72	625.72	625.72	625.72	625.72	625.72
4"	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86
6"	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72

Volumetric Charge						
0-25,000 gallons	\$ 3.89	\$ 3.89	\$ 3.97	\$ 4.05	\$ 4.13	\$ 4.21
25,000-50,000 gallons	4.87	4.87	4.97	5.07	5.17	5.27
50,000 gallons	6.08	6.08	6.20	6.32	6.44	6.56

Multi-Family						
Minimum Charge						
5/8"	\$ 41.71	\$ 33.35	\$ 33.35	\$ 33.35	\$ 33.35	\$ 33.35
3/4"	41.71	33.35	33.35	33.35	33.35	33.35
1"	104.29	33.35	33.35	33.35	33.35	33.35
1 1/2"	208.57	33.35	33.35	33.35	33.35	33.35
2"	333.72	33.35	33.35	33.35	33.35	33.35
3"	625.72	33.35	33.35	33.35	33.35	33.35
4"	1,042.86	33.35	33.35	33.35	33.35	33.35
6"	2,085.72	33.35	33.35	33.35	33.35	33.35

Volumetric Charge						
0-25,000 gallons	\$ 3.89	\$ 3.89	\$ 3.97	\$ 4.05	\$ 4.13	\$ 4.21
25,000-50,000 gallons	4.87	3.89	3.97	4.05	4.13	4.21
50,000 gallons	6.08	3.89	3.97	4.05	4.13	4.21

UTGCD Inside						
Minimum Charge						
All	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Volumetric Charge						
All	\$ 0.26	\$ 0.26	\$ 0.27	\$ 0.28	\$ 0.29	\$ 0.30

UTGCD Outside						
Minimum Charge						
All	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Volumetric Charge						
All	\$ 0.26	\$ 0.26	\$ 0.27	\$ 0.28	\$ 0.29	\$ 0.30

City of Willow Park, Texas Water and Wastewater Rate Study Wastewater Rates
--

		<u>Current</u>		<u>FY 2024</u>		<u>FY 2025</u>		<u>FY 2026</u>		<u>FY 2027</u>		<u>FY 2028</u>
Residential												
Minimum Charge												
Base	\$	20.00	\$	23.30	\$	26.60	\$	29.90	\$	33.20	\$	36.50
Volumetric Charge												
All	\$	5.15	\$	6.00	\$	6.85	\$	7.70	\$	8.55	\$	9.40
Residential New Service												
Minimum Charge												
Base	\$	20.00	\$	23.30	\$	26.60	\$	29.90	\$	33.20	\$	36.50
Volumetric Charge												
All	\$	4.75	\$	6.00	\$	6.85	\$	7.70	\$	8.55	\$	9.40
Commercial												
Minimum Charge												
Base	\$	20.00	\$	29.82	\$	34.05	\$	38.27	\$	42.49	\$	46.71
Volumetric Charge												
All	\$	5.15	\$	7.68	\$	8.77	\$	9.86	\$	10.95	\$	12.04
Multi-Family												
Minimum Charge												
Base	\$	20.00	\$	18.64	\$	21.28	\$	23.92	\$	26.56	\$	29.20
Volumetric Charge												
All	\$	5.15	\$	6.00	\$	6.85	\$	7.70	\$	8.55	\$	9.40

City of Willow Park, Texas Water and Wastewater Rate Study Water Fund Summary Under Proposed Rates

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Revenues						
Rate Revenues Under Proposed Rates	\$3,000,343	\$3,640,535	\$3,719,823	\$3,796,942	\$3,872,905	\$3,951,444
Other Revenues	97,300	212,300	212,300	212,300	212,300	212,300
Use of Reserves ⁽¹⁾	-	-	-	210,000	-	-
Use of Impact Fees ⁽¹⁾	-	-	-	-	574,557	115,216
Total Revenues	\$3,097,643	\$3,852,835	\$3,932,123	\$4,219,242	\$4,659,762	\$4,278,960
Expenses						
Operating Expenses	\$1,881,353	\$2,099,845	\$2,183,379	\$2,270,406	\$1,786,522	\$2,340,341
Transfer to Wastewater	400,000	400,000	200,000	200,000	110,000	-
Ft. Worth Wholesale Costs	-	343,801	364,931	386,742	409,460	433,620
Cash Capital	-	-	-	210,000	-	-
Debt Service	1,050,718	1,084,048	1,064,504	1,058,092	2,044,899	2,044,736
Franchise Fees ⁽²⁾	155,991	189,276	193,398	197,408	201,357	205,440
Total Expenses	\$3,488,063	\$4,116,969	\$4,006,211	\$4,322,647	\$4,552,239	\$5,024,138
Over / (Under) Recovery	(\$390,420)	(\$264,134)	(\$74,088)	(\$103,405)	\$107,523	(\$745,177)
Over / (Under) Recovery (%)	-11.19%	-6.42%	-1.85%	-2.39%	2.36%	-14.83%
Beginning Unrestricted Net Position						
Use of Reserves	0	0	0	(210,000)	0	0
Change in Net Income	(390,420)	(264,134)	(74,088)	(103,405)	107,523	(745,177)
Ending Unrestricted Net Position	\$8,642,776	\$8,378,642	\$8,304,554	\$7,991,148	\$8,098,671	\$7,353,494
Expenses	3,488,063	4,116,969	4,006,211	4,322,647	4,552,239	5,024,138
Fund Balance Reserve	● 247.78%	● 203.51%	● 207.29%	● 184.87%	● 177.91%	● 146.36%
Debt Service Coverage						
Total Revenues	\$3,097,643	\$3,852,835	\$3,932,123	\$4,219,242	\$4,659,762	\$4,278,960
Less: Operating Expenses	(1,881,353)	(2,099,845)	(2,183,379)	(2,270,406)	(1,786,522)	(2,340,341)
Available for Debt Service Coverage	\$1,216,290	\$5,952,680	\$6,115,502	\$6,489,648	\$6,446,284	\$6,619,302
Debt Service	1,050,718	1,084,048	1,064,504	1,058,092	2,044,899	2,044,736
Coverage Ratio	● 1.16	● 5.49	● 5.74	● 6.13	● 3.15	● 3.24
Target Debt Service Coverage Ratio	1.00	1.00	1.00	1.00	1.00	1.00

Notes:

(1) Calculations assume Use of Reserves and Impact Fee Revenues can be considered revenues for purposes of debt service coverage calculation

(2) Calculations assume Franchise Fee are discretionary and available to meet Debt Service Coverage

City of Willow Park, Texas Water and Wastewater Rate Study Wastewater Fund Summary Under Proposed Rates
--

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Revenues						
Rate Revenues Under Proposed Rates	\$784,845	\$1,096,606	\$1,279,124	\$1,466,847	\$1,659,604	\$1,859,599
Other Revenues	19,396	19,396	19,396	19,396	19,396	19,396
Transfer from Water	400,000	400,000	200,000	200,000	110,000	-
Use of Reserves ⁽¹⁾	-	-	-	-	-	-
Use of Impact Fees ⁽¹⁾	-	-	228,588	69,537	71,824	74,186
Total Revenues	\$1,204,241	\$1,516,002	\$1,727,108	\$1,755,780	\$1,860,823	\$1,953,180
Expenses						
Operating Expenses	\$526,031	\$569,930	\$361,744	\$541,972	\$561,668	\$582,128
Cash Capital	-	-	-	-	-	-
Debt Service	860,229	857,083	1,100,609	1,102,091	1,114,755	1,110,864
Franchise Fees ⁽²⁾	47,116	65,832	76,789	88,058	99,630	111,636
Total Expenses	\$1,433,376	\$1,492,845	\$1,539,142	\$1,732,121	\$1,776,053	\$1,804,628
Over / (Under) Recovery	(\$229,134)	\$23,157	\$187,965	\$23,658	\$84,771	\$148,552
Over / (Under) Recovery (%)	-29.19%	2.11%	14.69%	1.61%	5.11%	7.99%
Beginning Unrestricted Net Position						
Use of Reserves	\$212,976	(\$16,158)	\$6,999	\$194,964	\$218,623	\$303,393
Change in Net Income	0	0	0	0	0	0
Ending Unrestricted Net Position	(229,134)	23,157	187,965	23,658	84,771	148,552
Ending Unrestricted Net Position	(\$16,158)	\$6,999	\$194,964	\$218,623	\$303,393	\$451,945
Expenses	1,433,376	1,492,845	1,539,142	1,732,121	1,776,053	1,804,628
Fund Balance Reserve	● -1.13%	● 0.47%	● 12.67%	● 12.62%	● 17.08%	● 25.04%
Debt Service Coverage						
Total Revenues	\$1,204,241	\$1,516,002	\$1,727,108	\$1,755,780	\$1,860,823	\$1,953,180
Less: Operating Expenses	(526,031)	(569,930)	(361,744)	(541,972)	(561,668)	(582,128)
Available for Debt Service Coverage	\$678,210	\$2,085,932	\$2,088,852	\$2,297,752	\$2,422,491	\$2,535,308
Debt Service	860,229	857,083	1,100,609	1,102,091	1,114,755	1,110,864
Coverage Ratio	● 0.79	● 2.43	● 1.90	● 2.08	● 2.17	● 2.28
Target Debt Service Coverage Ratio	1.00	1.00	1.00	1.00	1.00	1.00

Notes:

(1) Calculations assume Use of Reserves and Impact Fee Revenues can be considered revenues for purposes of debt service coverage calculation

(2) Calculations assume Franchise Fee are discretionary and available to meet Debt Service Coverage

City of Willow Park, Texas Water and Wastewater Rate Study Combined Fund Summary Under Proposed Rates
--

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Revenues						
Rate Revenues Under Proposed Rates	\$3,785,188	\$4,737,141	\$4,998,947	\$5,263,789	\$5,532,508	\$5,811,043
Other Revenues	116,696	231,696	231,696	231,696	231,696	231,696
Transfer from Water	400,000	400,000	200,000	200,000	110,000	-
Use of Reserves ⁽¹⁾	-	-	-	210,000	-	-
Use of Impact Fees ⁽¹⁾	-	-	228,588	69,537	646,380	189,402
Total Revenues	\$4,301,884	\$5,368,837	\$5,659,231	\$5,975,021	\$6,520,585	\$6,232,141
Expenses						
Operating Expenses	\$2,407,384	\$2,669,775	\$2,545,123	\$2,812,378	\$2,348,190	\$2,922,469
Transfer to Wastewater	400,000	400,000	200,000	200,000	110,000	-
Ft. Worth Wholesale Costs	-	343,801	364,931	386,742	409,460	433,620
Cash Capital	-	-	-	210,000	-	-
Debt Service	1,910,947	1,941,131	2,165,113	2,160,183	3,159,654	3,155,600
Franchise Fees ⁽²⁾	203,107	255,108	270,187	285,466	300,987	317,076
Total Expenses	\$4,921,438	\$5,609,814	\$5,545,354	\$6,054,769	\$6,328,291	\$6,828,766
Over / (Under) Recovery	(\$619,554)	(\$240,977)	\$113,877	(\$79,747)	\$192,293	(\$596,625)
Over / (Under) Recovery (%)	-12.59%	-4.30%	2.05%	-1.32%	3.04%	-8.74%
Beginning Unrestricted Net Position						
Use of Reserves	\$9,246,172	\$8,626,618	\$8,385,641	\$8,499,518	\$8,209,771	\$8,402,064
Change in Net Income	0	0	0	(210,000)	0	0
	(619,554)	(240,977)	113,877	(79,747)	192,293	(596,625)
Ending Unrestricted Net Position	\$8,626,618	\$8,385,641	\$8,499,518	\$8,209,771	\$8,402,064	\$7,805,439
Expenses	4,921,438	5,609,814	5,545,354	6,054,769	6,328,291	6,828,766
Fund Balance Reserve	● 175.29%	● 149.48%	● 153.27%	● 135.59%	● 132.77%	● 114.30%
Debt Service Coverage						
Total Revenues	\$4,301,884	\$5,368,837	\$5,659,231	\$5,975,021	\$6,520,585	\$6,232,141
Less: Operating Expenses	(2,407,384)	(2,669,775)	(2,545,123)	(2,812,378)	(2,348,190)	(2,922,469)
Available for Debt Service Coverage	\$1,894,500	\$8,038,612	\$8,204,354	\$8,787,399	\$8,868,775	\$9,154,610
Debt Service	1,910,947	1,941,131	2,165,113	2,160,183	3,159,654	3,155,600
Coverage Ratio	● 0.99	● 4.14	● 3.79	● 4.07	● 2.81	● 2.90
Target Debt Service Coverage Ratio	1.00	1.00	1.00	1.00	1.00	1.00

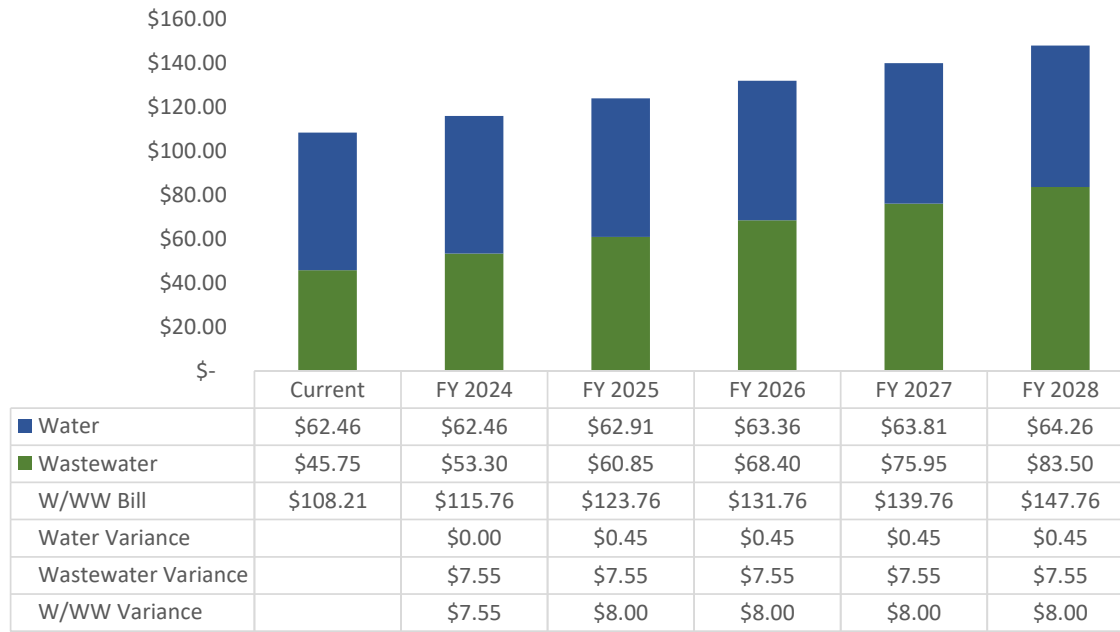
Notes:

(1) Calculations assume Use of Reserves and Impact Fee Revenues can be considered revenues for purposes of debt service coverage calculation

(2) Calculations assume Franchise Fee are discretionary and available to meet Debt Service Coverage

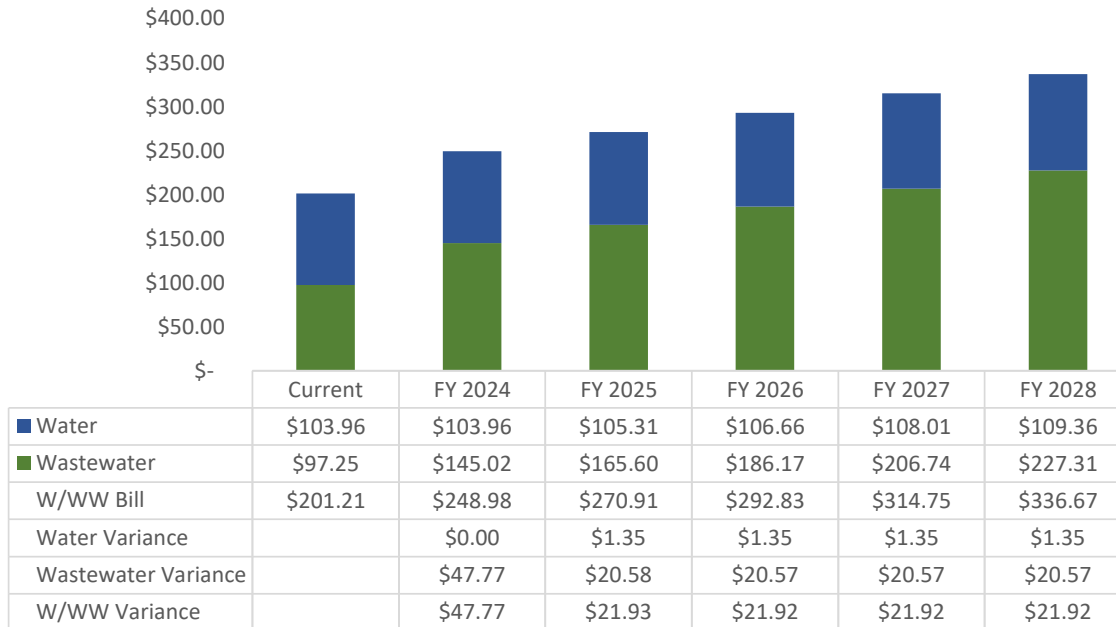
City of Willow Park, Texas Water and Wastewater Rate Study Average Residential Bill Impacts
--

	<u>Usage</u>	<u>Current</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Water							
Monthly Bill (3/4" Meter)	5,000	\$ 62.46	\$ 62.46	\$ 62.91	\$ 63.36	\$ 63.81	\$ 64.26
Variance, \$			\$0.00	\$0.45	\$0.45	\$0.45	\$0.45
Variance, %			0.00%	0.72%	0.72%	0.71%	0.71%
Wastewater							
Monthly Bill	5,000	\$ 45.75	\$ 53.30	\$ 60.85	\$ 68.40	\$ 75.95	\$ 83.50
Variance, \$			\$7.55	\$7.55	\$7.55	\$7.55	\$7.55
Variance, %			16.50%	14.17%	12.41%	11.04%	9.94%
Water & Wastewater							
Monthly Bill (3/4" Meter)		\$ 108.21	\$ 115.76	\$ 123.76	\$ 131.76	\$ 139.76	\$ 147.76
Variance, \$			\$7.55	\$8.00	\$8.00	\$8.00	\$8.00
Variance, %			6.98%	6.91%	6.46%	6.07%	5.72%



City of Willow Park, Texas Water and Wastewater Rate Study Average Commercial Bill Impacts

	<u>Usage</u>	<u>Current</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Water							
Monthly Bill (3/4" Meter)	15,000	\$ 103.96	\$ 103.96	\$ 105.31	\$ 106.66	\$ 108.01	\$ 109.36
Variance, \$			\$0.00	\$1.35	\$1.35	\$1.35	\$1.35
Variance, %			0.00%	1.30%	1.28%	1.27%	1.25%
Wastewater							
Monthly Bill	15,000	\$ 97.25	\$ 145.02	\$ 165.60	\$ 186.17	\$ 206.74	\$ 227.31
Variance, \$			\$47.77	\$20.58	\$20.57	\$20.57	\$20.57
Variance, %			49.12%	14.19%	12.42%	11.05%	9.95%
Water & Wastewater							
Monthly Bill (3/4" Meter)		\$ 201.21	\$ 248.98	\$ 270.91	\$ 292.83	\$ 314.75	\$ 336.67
Variance, \$			\$47.77	\$21.93	\$21.92	\$21.92	\$21.92
Variance, %			23.74%	8.81%	8.09%	7.49%	6.96%



City of Willow Park, Texas Water and Wastewater Rate Study Water Rates

	<u>Current</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Residential Inside							
Minimum Charge							
5/8"	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71
3/4"	41.71	41.71	41.71	41.71	41.71	41.71	41.71
1"	104.29	104.29	104.29	104.29	104.29	104.29	104.29
1 1/2"	208.57	208.57	208.57	208.57	208.57	208.57	208.57
2"	333.72	333.72	333.72	333.72	333.72	333.72	333.72
3"	625.72	625.72	625.72	625.72	625.72	625.72	625.72
4"	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86
6"	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72

Volumetric Charge							
0-9,000 gallons	\$ 3.89	\$ 3.89	\$ 3.89	\$ 3.97	\$ 4.05	\$ 4.13	\$ 4.21
9,001-20,000 gallons	4.87	4.87	4.87	4.97	5.07	5.17	5.27
20,001-40,000 gallons	6.08	6.08	6.08	6.20	6.32	6.44	6.56
40,000 gallons+	7.60	7.60	7.60	7.75	7.90	8.05	8.20

Residential Senior Inside							
Minimum Charge							
5/8"	\$ 31.29	\$ 31.29	\$ 31.29	\$ 31.29	\$ 31.29	\$ 31.29	\$ 31.29
3/4"	31.29	31.29	31.29	31.29	31.29	31.29	31.29
1"	78.21	78.21	78.21	78.21	78.21	78.21	78.21
1 1/2"	156.43	156.43	156.43	156.43	156.43	156.43	156.43
2"	250.29	250.29	250.29	250.29	250.29	250.29	250.29
3"	469.29	469.29	469.29	469.29	469.29	469.29	469.29
4"	782.15	782.15	782.15	782.15	782.15	782.15	782.15
6"	1,564.29	1,564.29	1,564.29	1,564.29	1,564.29	1,564.29	1,564.29

Volumetric Charge							
0-9,000 gallons	\$ 2.92	\$ 2.92	\$ 2.92	\$ 2.98	\$ 3.04	\$ 3.10	\$ 3.16
9,001-20,000 gallons	4.87	4.87	4.87	4.97	5.07	5.17	5.27
20,001-40,000 gallons	6.08	6.08	6.08	6.20	6.32	6.44	6.56
40,000 gallons+	7.60	7.60	7.60	7.75	7.90	8.05	8.20

Residential Outside							
Minimum Charge							
5/8"	\$ 47.97	\$ 47.97	\$ 47.97	\$ 47.97	\$ 47.97	\$ 47.97	\$ 47.97
3/4"	47.97	47.97	47.97	47.97	47.97	47.97	47.97
1"	119.93	119.93	119.93	119.93	119.93	119.93	119.93
1 1/2"	239.86	239.86	239.86	239.86	239.86	239.86	239.86
2"	383.77	383.77	383.77	383.77	383.77	383.77	383.77
3"	719.57	719.57	719.57	719.57	719.57	719.57	719.57
4"	1,199.29	1,199.29	1,199.29	1,199.29	1,199.29	1,199.29	1,199.29
6"	2,398.58	2,398.58	2,398.58	2,398.58	2,398.58	2,398.58	2,398.58

Volumetric Charge							
0-9,000 gallons	\$ 4.47	\$ 4.47	\$ 4.47	\$ 4.56	\$ 4.65	\$ 4.74	\$ 4.83
9,001-20,000 gallons	5.60	5.60	5.60	5.71	5.82	5.93	6.04
20,001-40,000 gallons	6.99	6.99	6.99	7.13	7.27	7.41	7.55
40,000 gallons+	8.74	8.74	8.74	8.92	9.10	9.28	9.46

City of Willow Park, Texas Water and Wastewater Rate Study Water Rates

	<u>Current</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Commercial Inside							
Minimum Charge							
5/8"	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71
3/4"	41.71	41.71	41.71	41.71	41.71	41.71	41.71
1"	104.29	104.29	104.29	104.29	104.29	104.29	104.29
1 1/2"	208.57	208.57	208.57	208.57	208.57	208.57	208.57
2"	333.72	333.72	333.72	333.72	333.72	333.72	333.72
3"	625.72	625.72	625.72	625.72	625.72	625.72	625.72
4"	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86
6"	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72
Volumetric Charge							
0-25,000 gallons	\$ 3.89	\$ 3.89	\$ 3.89	\$ 3.97	\$ 4.05	\$ 4.13	\$ 4.21
25,000-50,000 gallons	4.87	4.87	4.87	4.97	5.07	5.17	5.27
50,000 gallons	6.08	6.08	6.08	6.20	6.32	6.44	6.56
Commercial Outside							
Minimum Charge							
5/8"	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71
3/4"	41.71	41.71	41.71	41.71	41.71	41.71	41.71
1"	104.29	104.29	104.29	104.29	104.29	104.29	104.29
1 1/2"	208.57	208.57	208.57	208.57	208.57	208.57	208.57
2"	333.72	333.72	333.72	333.72	333.72	333.72	333.72
3"	625.72	625.72	625.72	625.72	625.72	625.72	625.72
4"	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86
6"	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72
Volumetric Charge							
0-25,000 gallons	\$ 3.89	\$ 3.89	\$ 3.89	\$ 3.97	\$ 4.05	\$ 4.13	\$ 4.21
25,000-50,000 gallons	4.87	4.87	4.87	4.97	5.07	5.17	5.27
50,000 gallons	6.08	6.08	6.08	6.20	6.32	6.44	6.56
Irrigation Inside							
Minimum Charge							
5/8"	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71
3/4"	41.71	41.71	41.71	41.71	41.71	41.71	41.71
1"	104.29	104.29	104.29	104.29	104.29	104.29	104.29
1 1/2"	208.57	208.57	208.57	208.57	208.57	208.57	208.57
2"	333.72	333.72	333.72	333.72	333.72	333.72	333.72
3"	625.72	625.72	625.72	625.72	625.72	625.72	625.72
4"	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86
6"	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72
Volumetric Charge							
0-25,000 gallons	\$ 4.87	\$ 4.87	\$ 4.87	\$ 4.97	\$ 5.07	\$ 5.17	\$ 5.27
25,000-50,000 gallons	6.08	6.08	6.08	6.20	6.32	6.44	6.56
50,000 gallons	7.60	7.60	7.60	7.75	7.90	8.05	8.20

City of Willow Park, Texas Water and Wastewater Rate Study Water Rates

	<u>Current</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Hydrant Inside							
Minimum Charge							
5/8"	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71	\$ 41.71
3/4"	41.71	41.71	41.71	41.71	41.71	41.71	41.71
1"	104.29	104.29	104.29	104.29	104.29	104.29	104.29
1 1/2"	208.57	208.57	208.57	208.57	208.57	208.57	208.57
2"	333.72	333.72	333.72	333.72	333.72	333.72	333.72
3"	625.72	625.72	625.72	625.72	625.72	625.72	625.72
4"	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86	1,042.86
6"	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72	2,085.72
Volumetric Charge							
0-25,000 gallons	\$ 3.89	\$ 3.89	\$ 3.89	\$ 3.97	\$ 4.05	\$ 4.13	\$ 4.21
25,000-50,000 gallons	4.87	4.87	4.87	4.97	5.07	5.17	5.27
50,000 gallons	6.08	6.08	6.08	6.20	6.32	6.44	6.56
Multi-Family							
Minimum Charge							
5/8"	\$ 41.71	\$ 41.71	\$ 33.35	\$ 33.35	\$ 33.35	\$ 33.35	\$ 33.35
3/4"	41.71	41.71	33.35	33.35	33.35	33.35	33.35
1"	104.29	104.29	33.35	33.35	33.35	33.35	33.35
1 1/2"	208.57	208.57	33.35	33.35	33.35	33.35	33.35
2"	333.72	333.72	33.35	33.35	33.35	33.35	33.35
3"	625.72	625.72	33.35	33.35	33.35	33.35	33.35
4"	1,042.86	1,042.86	33.35	33.35	33.35	33.35	33.35
6"	2,085.72	2,085.72	33.35	33.35	33.35	33.35	33.35
Volumetric Charge							
0-25,000 gallons	\$ 3.89	\$ 3.89	\$ 3.89	\$ 3.97	\$ 4.05	\$ 4.13	\$ 4.21
25,000-50,000 gallons	4.87	4.87	3.89	3.97	4.05	4.13	4.21
50,000 gallons	6.08	6.08	3.89	3.97	4.05	4.13	4.21
UTGCD Inside							
Minimum Charge							
All	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Volumetric Charge							
All	\$ 0.26	\$ 0.26	\$ 0.26	\$ 0.27	\$ 0.28	\$ 0.29	\$ 0.30
UTGCD Outside							
Minimum Charge							
All	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Volumetric Charge							
All	\$ 0.26	\$ 0.26	\$ 0.26	\$ 0.27	\$ 0.28	\$ 0.29	\$ 0.30

City of Willow Park, Texas Water and Wastewater Rate Study Wastewater Rates
--

		<u>Current</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Residential								
Minimum Charge								
Base	\$	20.00	\$ 20.00	\$ 24.80	\$ 29.60	\$ 34.40	\$ 34.40	\$ 34.40
Volumetric Charge								
All	\$	5.15	\$ 5.15	\$ 6.39	\$ 7.63	\$ 8.87	\$ 8.87	\$ 8.87
Residential New Service								
Minimum Charge								
Base	\$	20.00	\$ 20.00	\$ 24.80	\$ 29.60	\$ 34.40	\$ 34.40	\$ 34.40
Volumetric Charge								
All	\$	4.75	\$ 4.75	\$ 6.39	\$ 7.63	\$ 8.87	\$ 8.87	\$ 8.87
Commercial								
Minimum Charge								
Base	\$	20.00	\$ 20.00	\$ 31.74	\$ 37.88	\$ 44.02	\$ 44.02	\$ 44.02
Volumetric Charge								
All	\$	5.15	\$ 5.15	\$ 8.18	\$ 9.76	\$ 11.34	\$ 11.34	\$ 11.34
Multi-Family								
Minimum Charge								
Base	\$	20.00	\$ 20.00	\$ 19.84	\$ 23.68	\$ 27.52	\$ 27.52	\$ 27.52
Volumetric Charge								
All	\$	5.15	\$ 5.15	\$ 6.39	\$ 7.63	\$ 8.87	\$ 8.87	\$ 8.87

City of Willow Park, Texas Water and Wastewater Rate Study Water Fund Summary Under Proposed Rates

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Revenues						
Rate Revenues Under Proposed Rates	\$3,000,343	\$3,640,535	\$3,719,823	\$3,796,942	\$3,872,905	\$3,951,444
Other Revenues	97,300	212,300	212,300	212,300	212,300	212,300
Use of Reserves ⁽¹⁾	-	-	-	210,000	-	-
Use of Impact Fees ⁽¹⁾	-	-	-	-	574,557	115,216
Total Revenues	\$3,097,643	\$3,852,835	\$3,932,123	\$4,219,242	\$4,659,762	\$4,278,960
Expenses						
Operating Expenses	\$1,881,353	\$2,099,845	\$2,183,379	\$2,270,406	\$1,786,522	\$2,340,341
Transfer to Wastewater	400,000	400,000	210,000	-	-	-
Ft. Worth Wholesale Costs	-	343,801	364,931	386,742	409,460	433,620
Cash Capital	-	-	-	210,000	-	-
Debt Service	1,050,718	1,084,048	1,064,504	1,058,092	2,044,899	2,044,736
Franchise Fees ⁽²⁾	155,991	189,276	193,398	197,408	201,357	205,440
Total Expenses	\$3,488,063	\$4,116,969	\$4,016,211	\$4,122,647	\$4,442,239	\$5,024,138
Over / (Under) Recovery	(\$390,420)	(\$264,134)	(\$84,088)	\$96,595	\$217,523	(\$745,177)
Over / (Under) Recovery (%)	-11.19%	-6.42%	-2.09%	2.34%	4.90%	-14.83%
Beginning Unrestricted Net Position						
Use of Reserves	0	0	0	(210,000)	0	0
Change in Net Income	(390,420)	(264,134)	(84,088)	96,595	217,523	(745,177)
Ending Unrestricted Net Position	\$8,642,776	\$8,378,642	\$8,294,554	\$8,181,148	\$8,398,671	\$7,653,494
Expenses	3,488,063	4,116,969	4,016,211	4,122,647	4,442,239	5,024,138
Fund Balance Reserve	● 247.78%	● 203.51%	● 206.53%	● 198.44%	● 189.06%	● 152.33%
Debt Service Coverage						
Total Revenues	\$3,097,643	\$3,852,835	\$3,932,123	\$4,219,242	\$4,659,762	\$4,278,960
Less: Operating Expenses	(1,881,353)	(2,099,845)	(2,183,379)	(2,270,406)	(1,786,522)	(2,340,341)
Available for Debt Service Coverage	\$1,216,290	\$5,952,680	\$6,115,502	\$6,489,648	\$6,446,284	\$6,619,302
Debt Service	1,050,718	1,084,048	1,064,504	1,058,092	2,044,899	2,044,736
Coverage Ratio	● 1.16	● 5.49	● 5.74	● 6.13	● 3.15	● 3.24
Target Debt Service Coverage Ratio	1.00	1.00	1.00	1.00	1.00	1.00

Notes:

(1) Calculations assume Use of Reserves and Impact Fee Revenues can be considered revenues for purposes of debt service coverage calculation

(2) Calculations assume Franchise Fee are discretionary and available to meet Debt Service Coverage

City of Willow Park, Texas Water and Wastewater Rate Study Wastewater Fund Summary Under Proposed Rates
--

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Revenues						
Rate Revenues Under Proposed Rates	\$784,845	\$1,167,644	\$1,423,978	\$1,688,374	\$1,720,314	\$1,753,305
Other Revenues	19,396	19,396	19,396	19,396	19,396	19,396
Transfer from Water	400,000	400,000	210,000	-	-	-
Use of Reserves ⁽¹⁾	-	-	-	-	-	-
Use of Impact Fees ⁽¹⁾	-	-	228,588	69,537	71,824	74,186
Total Revenues	\$1,204,241	\$1,587,040	\$1,881,961	\$1,777,307	\$1,811,534	\$1,846,886
Expenses						
Operating Expenses	\$526,031	\$569,930	\$361,744	\$541,972	\$561,668	\$582,128
Cash Capital	-	-	-	-	-	-
Debt Service	860,229	857,083	1,100,609	1,102,091	1,114,755	1,110,864
Franchise Fees ⁽²⁾	47,116	70,096	85,485	101,357	103,274	105,255
Total Expenses	\$1,433,376	\$1,497,109	\$1,547,838	\$1,745,420	\$1,779,697	\$1,798,247
Over / (Under) Recovery	(\$229,134)	\$89,930	\$334,123	\$31,886	\$31,837	\$48,640
Over / (Under) Recovery (%)	-29.19%	7.70%	23.46%	1.89%	1.85%	2.77%
Beginning Unrestricted Net Position						
Use of Reserves	\$212,976	(\$16,158)	\$73,772	\$407,895	\$439,782	\$471,618
Change in Net Income	0	0	0	0	0	0
Ending Unrestricted Net Position	(229,134)	89,930	334,123	31,886	31,837	48,640
Ending Unrestricted Net Position	(\$16,158)	\$73,772	\$407,895	\$439,782	\$471,618	\$520,258
Expenses	1,433,376	1,497,109	1,547,838	1,745,420	1,779,697	1,798,247
Fund Balance Reserve	● -1.13% ●	● 4.93% ●	● 26.35% ●	● 25.20% ●	● 26.50% ●	● 28.93% ●
Debt Service Coverage						
Total Revenues	\$1,204,241	\$1,587,040	\$1,881,961	\$1,777,307	\$1,811,534	\$1,846,886
Less: Operating Expenses	(526,031)	(569,930)	(361,744)	(541,972)	(561,668)	(582,128)
Available for Debt Service Coverage	\$678,210	\$2,156,970	\$2,243,706	\$2,319,279	\$2,373,202	\$2,429,014
Debt Service	860,229	857,083	1,100,609	1,102,091	1,114,755	1,110,864
Coverage Ratio	● 0.79 ●	● 2.52 ●	● 2.04 ●	● 2.10 ●	● 2.13 ●	● 2.19 ●
Target Debt Service Coverage Ratio	1.00	1.00	1.00	1.00	1.00	1.00

Notes:

(1) Calculations assume Use of Reserves and Impact Fee Revenues can be considered revenues for purposes of debt service coverage calculation

(2) Calculations assume Franchise Fee are discretionary and available to meet Debt Service Coverage

City of Willow Park, Texas Water and Wastewater Rate Study Combined Fund Summary Under Proposed Rates
--

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Revenues						
Rate Revenues Under Proposed Rates	\$3,785,188	\$4,808,179	\$5,143,801	\$5,485,316	\$5,593,219	\$5,704,749
Other Revenues	116,696	231,696	231,696	231,696	231,696	231,696
Transfer from Water	400,000	400,000	210,000	-	-	-
Use of Reserves ⁽¹⁾	-	-	-	210,000	-	-
Use of Impact Fees ⁽¹⁾	-	-	228,588	69,537	646,380	189,402
Total Revenues	\$4,301,884	\$5,439,875	\$5,814,085	\$5,996,548	\$6,471,295	\$6,125,847
Expenses						
Operating Expenses	\$2,407,384	\$2,669,775	\$2,545,123	\$2,812,378	\$2,348,190	\$2,922,469
Transfer to Wastewater	400,000	400,000	210,000	-	-	-
Ft. Worth Wholesale Costs	-	343,801	364,931	386,742	409,460	433,620
Cash Capital	-	-	-	210,000	-	-
Debt Service	1,910,947	1,941,131	2,165,113	2,160,183	3,159,654	3,155,600
Franchise Fees ⁽²⁾	203,107	259,372	278,883	298,764	304,631	310,695
Total Expenses	\$4,921,438	\$5,614,079	\$5,564,049	\$5,868,067	\$6,221,936	\$6,822,385
Over / (Under) Recovery	(\$619,554)	(\$174,204)	\$250,035	\$128,481	\$249,359	(\$696,538)
Over / (Under) Recovery (%)	-12.59%	-3.10%	4.49%	2.19%	4.01%	-10.21%
Beginning Unrestricted Net Position	\$9,246,172	\$8,626,618	\$8,452,414	\$8,702,449	\$8,620,930	\$8,870,290
Use of Reserves	0	0	0	(210,000)	0	0
Change in Net Income	(619,554)	(174,204)	250,035	128,481	249,359	(696,538)
Ending Unrestricted Net Position	\$8,626,618	\$8,452,414	\$8,702,449	\$8,620,930	\$8,870,290	\$8,173,752
Expenses	4,921,438	5,614,079	5,564,049	5,868,067	6,221,936	6,822,385
Fund Balance Reserve	● 175.29%	● 150.56%	● 156.40%	● 146.91%	● 142.56%	● 119.81%
Debt Service Coverage						
Total Revenues	\$4,301,884	\$5,439,875	\$5,814,085	\$5,996,548	\$6,471,295	\$6,125,847
Less: Operating Expenses	(2,407,384)	(2,669,775)	(2,545,123)	(2,812,378)	(2,348,190)	(2,922,469)
Available for Debt Service Coverage	\$1,894,500	\$8,109,649	\$8,359,208	\$8,808,926	\$8,819,485	\$9,048,316
Debt Service	1,910,947	1,941,131	2,165,113	2,160,183	3,159,654	3,155,600
Coverage Ratio	● 0.99	● 4.18	● 3.86	● 4.08	● 2.79	● 2.87
Target Debt Service Coverage Ratio	1.00	1.00	1.00	1.00	1.00	1.00

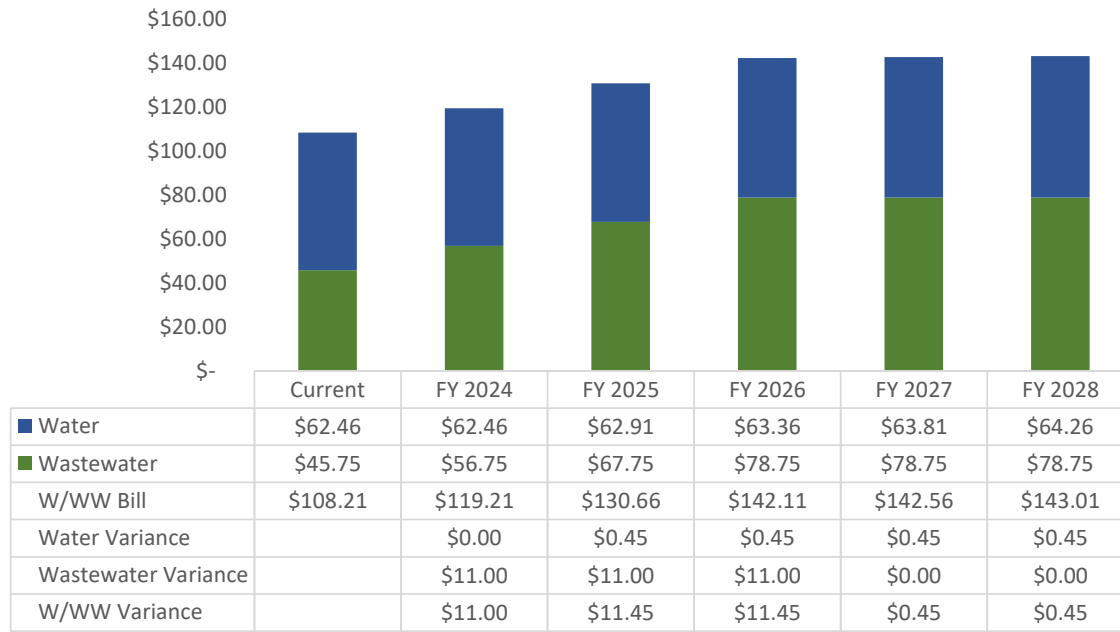
Notes:

(1) Calculations assume Use of Reserves and Impact Fee Revenues can be considered revenues for purposes of debt service coverage calculation

(2) Calculations assume Franchise Fee are discretionary and available to meet Debt Service Coverage

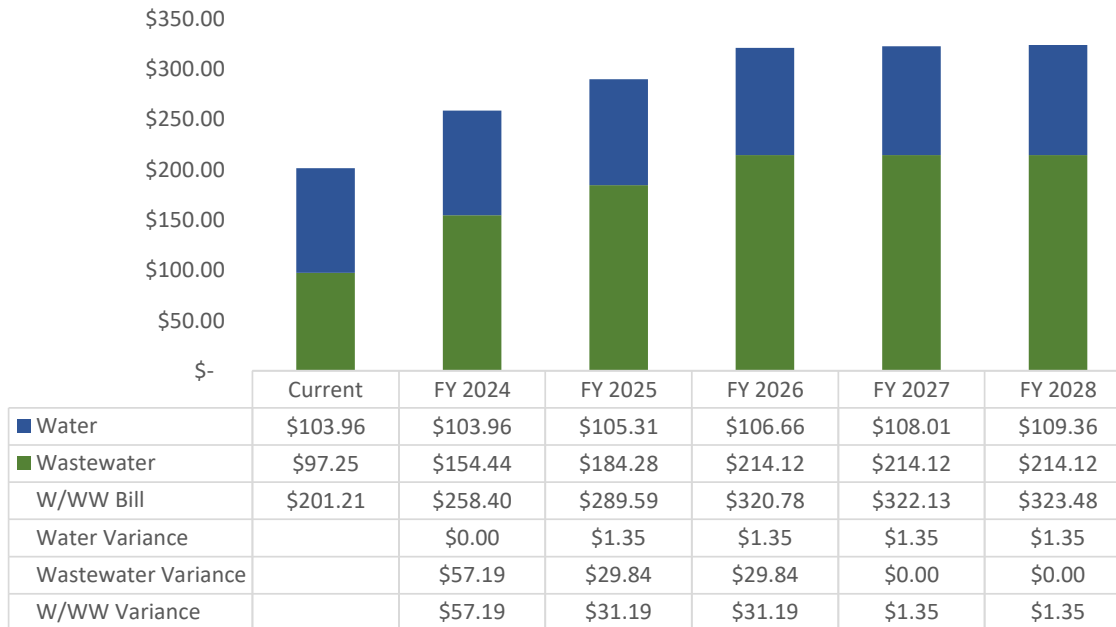
City of Willow Park, Texas
Water and Wastewater Rate Study
Average Residential Bill Impacts

	<u>Usage</u>	<u>Current</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Water							
Monthly Bill (3/4" Meter)	5,000	\$ 62.46	\$ 62.46	\$ 62.91	\$ 63.36	\$ 63.81	\$ 64.26
Variance, \$			\$0.00	\$0.45	\$0.45	\$0.45	\$0.45
Variance, %			0.00%	0.72%	0.72%	0.71%	0.71%
Wastewater							
Monthly Bill	5,000	\$ 45.75	\$ 56.75	\$ 67.75	\$ 78.75	\$ 78.75	\$ 78.75
Variance, \$			\$11.00	\$11.00	\$11.00	\$0.00	\$0.00
Variance, %			24.04%	19.38%	16.24%	0.00%	0.00%
Water & Wastewater							
Monthly Bill (3/4" Meter)		\$ 108.21	\$ 119.21	\$ 130.66	\$ 142.11	\$ 142.56	\$ 143.01
Variance, \$			\$11.00	\$11.45	\$11.45	\$0.45	\$0.45
Variance, %			10.17%	9.60%	8.76%	0.32%	0.32%



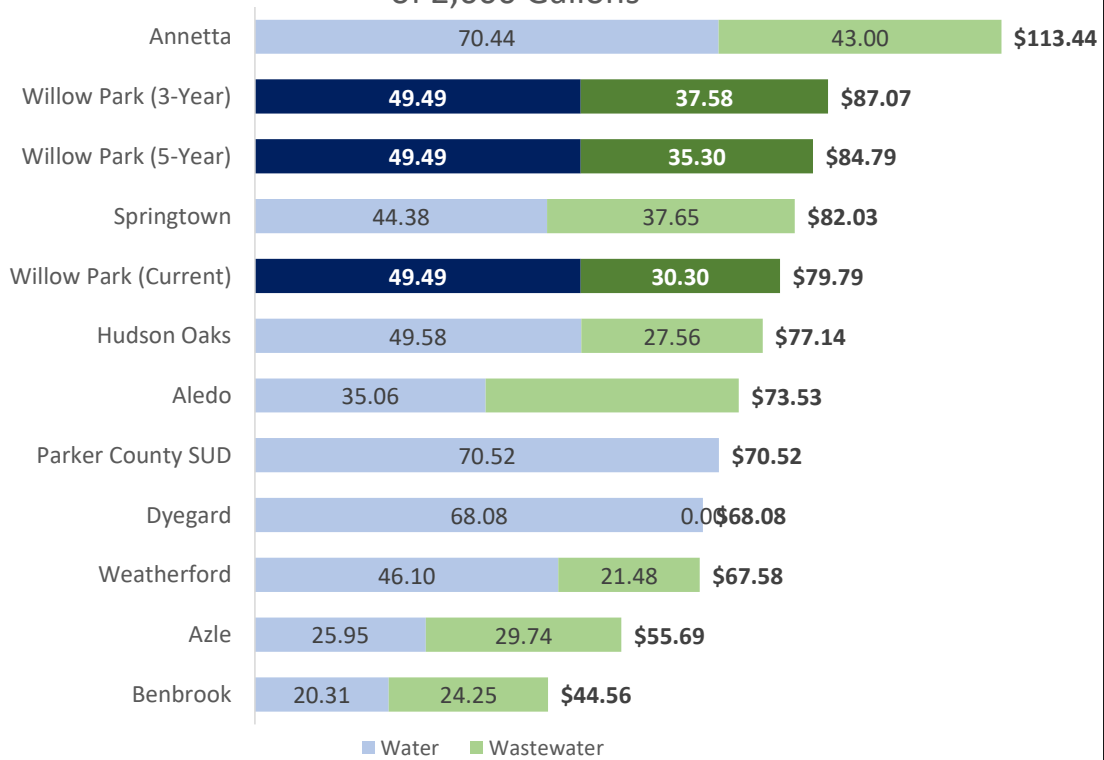
City of Willow Park, Texas
Water and Wastewater Rate Study
Average Commercial Bill Impacts

	<u>Usage</u>	<u>Current</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>
Water							
Monthly Bill (3/4" Meter)	15,000	\$ 103.96	\$ 103.96	\$ 105.31	\$ 106.66	\$ 108.01	\$ 109.36
Variance, \$			\$0.00	\$1.35	\$1.35	\$1.35	\$1.35
Variance, %			0.00%	1.30%	1.28%	1.27%	1.25%
Wastewater							
Monthly Bill	15,000	\$ 97.25	\$ 154.44	\$ 184.28	\$ 214.12	\$ 214.12	\$ 214.12
Variance, \$			\$57.19	\$29.84	\$29.84	\$0.00	\$0.00
Variance, %			58.81%	19.32%	16.19%	0.00%	0.00%
Water & Wastewater							
Monthly Bill (3/4" Meter)		\$ 201.21	\$ 258.40	\$ 289.59	\$ 320.78	\$ 322.13	\$ 323.48
Variance, \$			\$57.19	\$31.19	\$31.19	\$1.35	\$1.35
Variance, %			28.42%	12.07%	10.77%	0.42%	0.42%

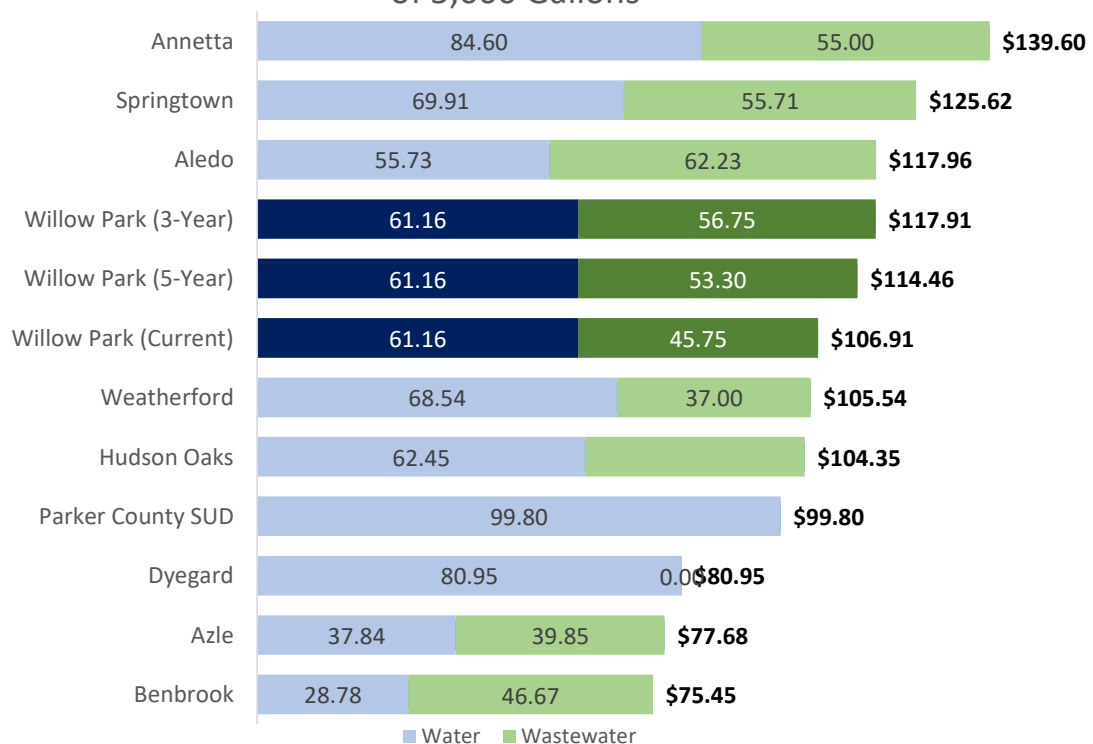


**City of Willow Park, Texas
Regional Bill Comparison**

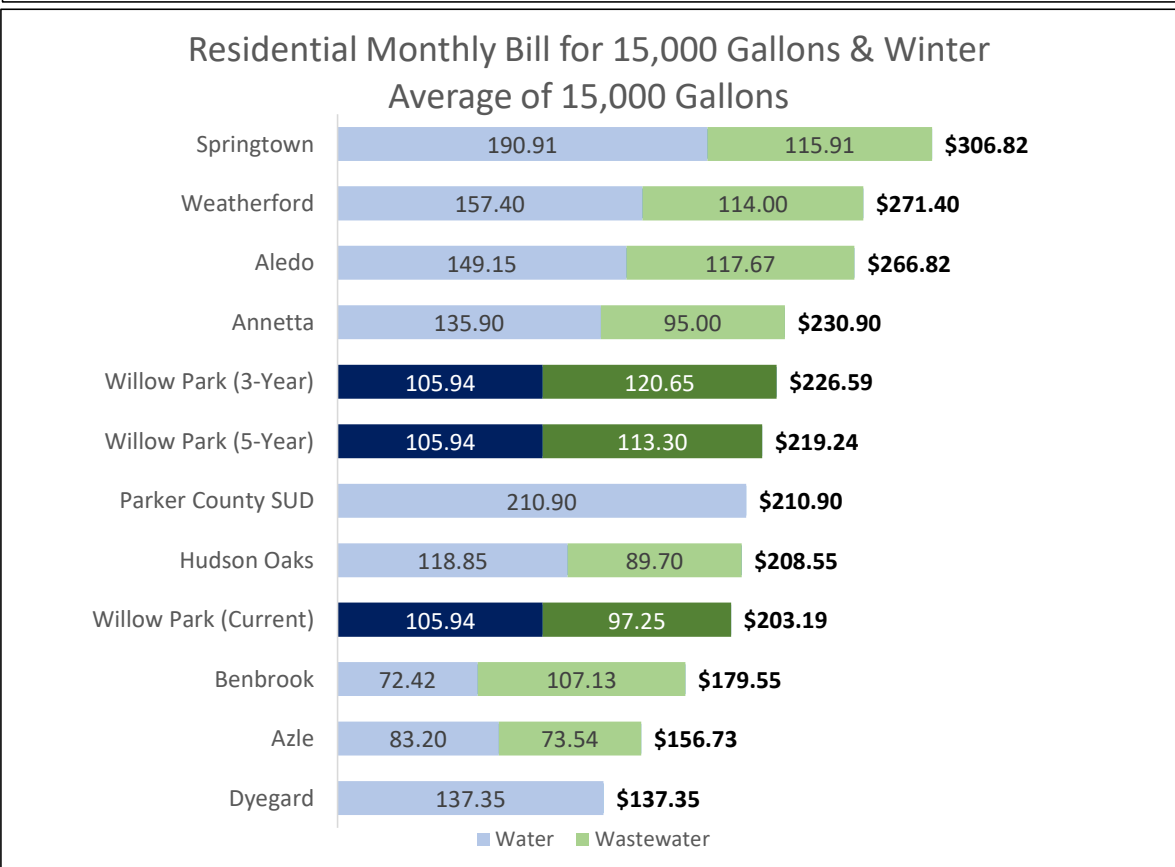
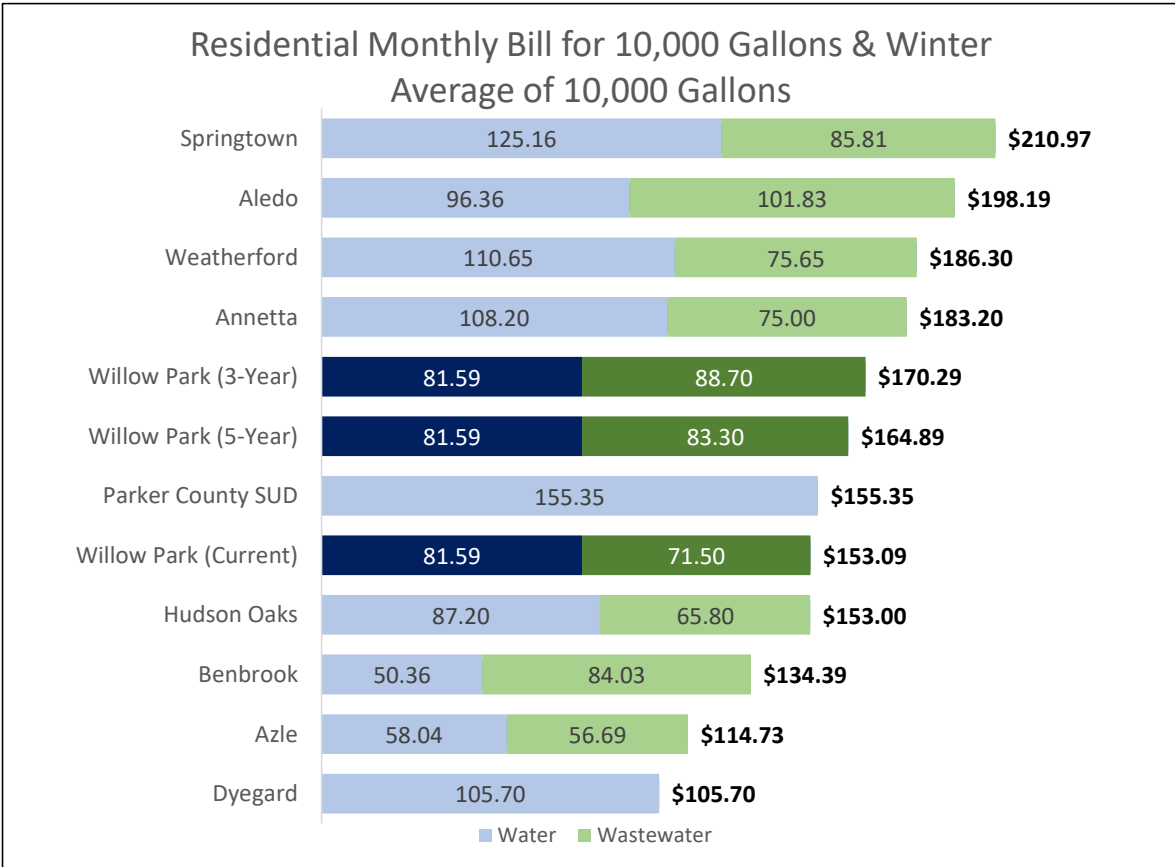
**Residential Monthly Bill for 2,000 Gallons & Winter Average
of 2,000 Gallons**



**Residential Monthly Bill for 5,000 Gallons & Winter Average
of 5,000 Gallons**

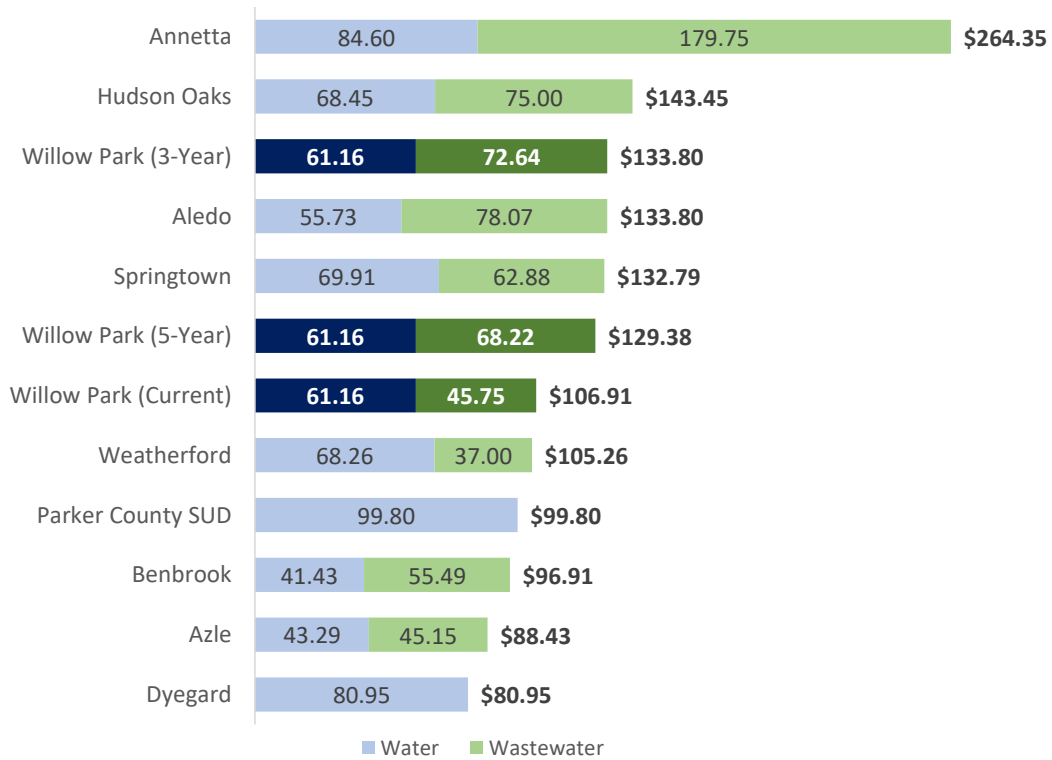


**City of Willow Park, Texas
Regional Bill Comparison**

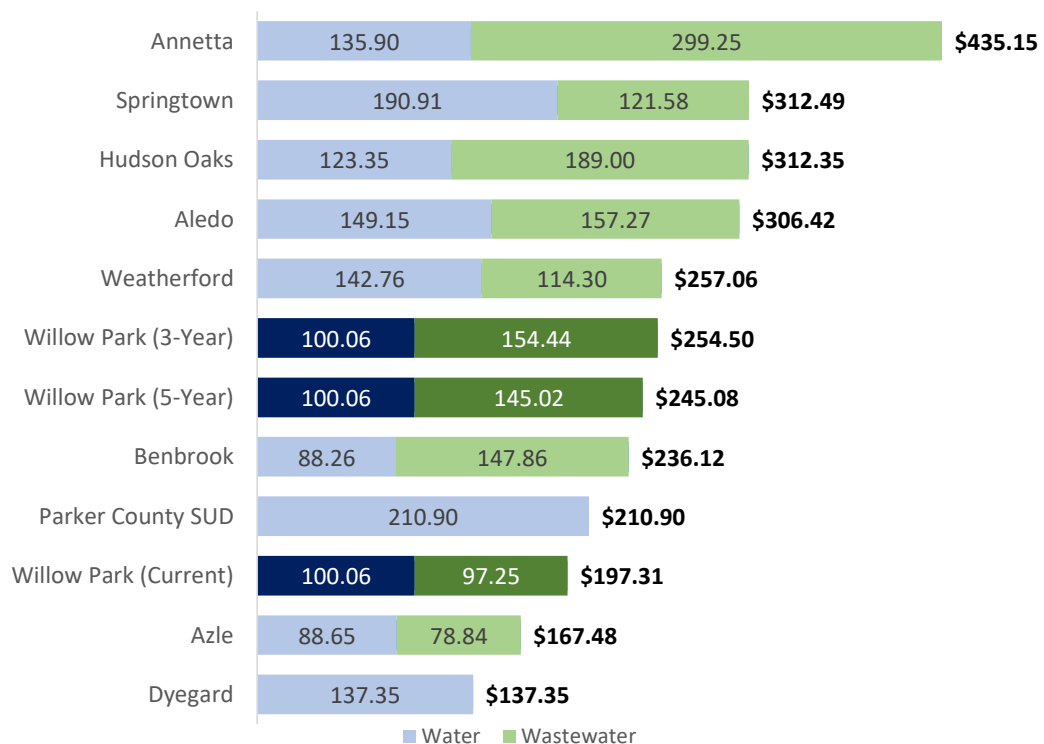


City of Willow Park, Texas
Regional Bill Comparison

Commercial Monthly Bill for 5,000 Gallons

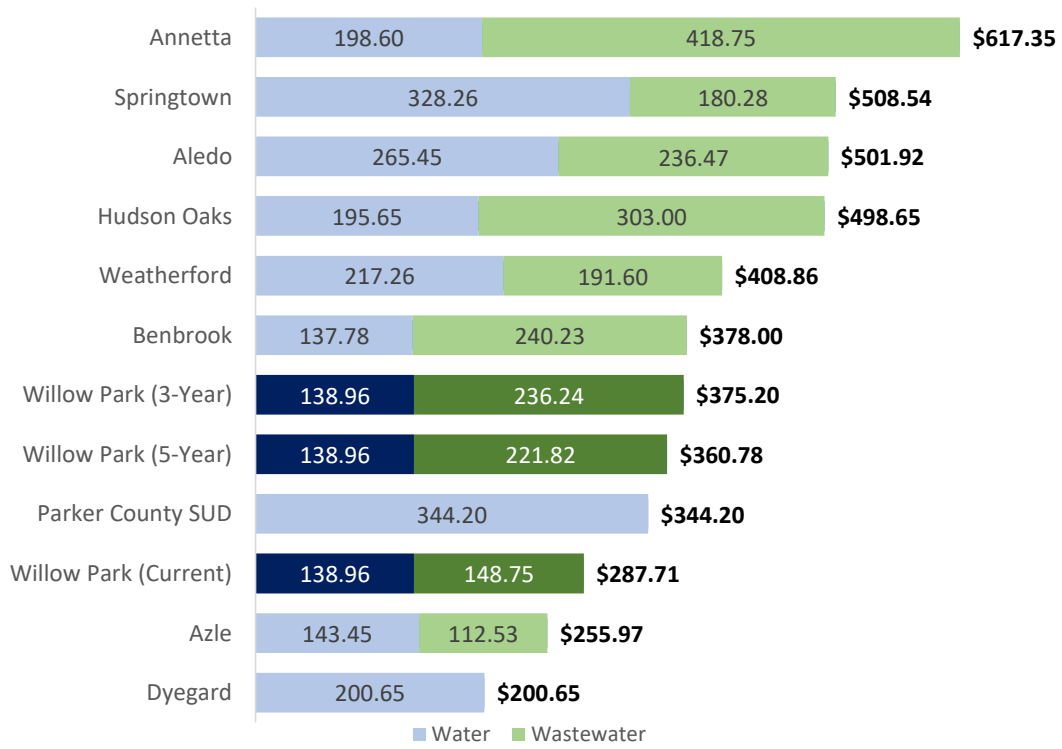


Commercial Monthly Bill for 15,000 Gallons



**City of Willow Park, Texas
Regional Bill Comparison**

Commercial Monthly Bill for 25,000 Gallons



Commercial Monthly Bill for 50,000 Gallons

