



City of Waukesha
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City of Waukesha Cover Sheet

Committee: Board of Public Works	Meeting Date: 11/20/25
ID Number: ID#25-02533	Ordinance/Resolution Number: N/A
Department Submitting: Department of Public Works	Submission Date: 11/20/25
Agenda Item Title: Review and possible action on the Proposed 2026 Sanitary Sewer Rates.	

Issue Before the Council: Review and Act on the Proposed 2026 Sanitary Sewer Rates at the request of the Clean Water Plant.
Options & Alternatives: 1. Approve Proposed 2026 Sanitary Sewer Rates. 2. Reject Proposed 2026 Sanitary Sewer Rates.
Additional Details: Ehlers, the City's municipal financial advisor, has prepared our annual sewer rate model for the past 18 years. This model includes a detailed cost of service study for 2026 and an updated long-range cash flow analysis with a revised capital improvement plan. The 2026 Sewer Service Charge and Fee Schedule includes both the regular and Return Flow rates, itemized separately. Attachments: 1. Waukesha 2026 User Rate Presentation 2. 2026 Sewer Rate Model 3. 2026 Sewer Service Charge and Fee Schedule 4. Sewer Rates Resolution 2026

What is the Strategic Plan Priority this item relates to: Financial Sustainability
What impact will this item have on the Strategic Plan Priority? Setting correct rates now will continue to promote a balanced budget.

Financial Remarks: Approval of the attached Sewer Service Charge and Fee Schedule with an effective date of January 1, 2026, is necessary to ensure adequate revenue to fund operations, maintenance and capital improvements for the treatment plant and collection system in the upcoming year. After the Department's review of the costs of operating and maintaining the City's sanitary sewer service and facilities, it has been determined that a 4.5% increase in user charges and fees are
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required for 2026. The recommended rate schedule supports and maintains the City's 125% debt coverage requirement.

Suggested Motion:

Move to approve the proposed 2026 Sanitary Sewer Rates with an effective date of January 1, 2026.

Reviewed By:

Brian Running, City Attorney	Date Reviewed
Joseph P. Ciurro, Finance Director	Date Reviewed
Anthony W. Brown, City Administrator <i>Anthony Brown</i>	Date Reviewed 11/14/2025



2026 Sewer User Rate Review

November 20th, 2025



Presentation Overview

Background on sewer user rates

Factors affecting sewer user rates for 2026

Recommended User Rates for 2026

User rate comparison

User rate estimates for next 5-years

Questions



Background on Sewer User Rates

The City has annually completed a user rate review since 2008

In 2011 a long-range finance plan was prepared to estimate future user rate increases necessary to fund the annual debt service payments associated with future Treatment Facility and collection system projects

- Updated annually in conjunction with user rate update

Goals:

- Design rates that are fair and equitable for all customer classes
- Recover the full revenue requirements for the Utility
- Avoid rate spikes in any particular year



Factors Affecting 2026 Recommended User Rates

Relatively flat usage trends in the past year

- -0.03% decline in residential billable volume over past year
- Approximately 5.00% decline in industrial and public flows
- -0.15% overall decrease in billable flows over past year

Operating and Maintenance costs are projected to increase 2.16% in 2026

Planned 0% rate increases in 2024 and 2025



Recommended 2026 Sewer Rates

	Current Rates Effective 1/1/2025	2026 Proposed Rates	\$ Change	% Change
<u>City (Inside) User Charges</u>				
Monthly Fixed Charge	\$6.88	\$7.22	\$0.34	4.99%
Volumetric Charge per 1,000 gallons	\$10.48	\$10.94	\$0.46	4.43%
Quarterly flat charge (unmetered users only)	\$314.39	\$328.33	\$13.94	4.44%
Surcharge Rate BOD /lb	\$1.48	\$1.39	-\$0.09	-6.33%
Surcharge Rate SS /lb	\$0.71	\$0.78	\$0.07	9.71%
Surcharge Rate P /lb	\$13.39	\$14.70	\$1.31	9.75%
Surcharge Rate TKN /lb	\$2.31	\$2.31	\$0.00	0.00%
<u>Extraterritorial (Outside) User Charges</u>				
Monthly Fixed Charge	\$6.88	\$7.22	\$0.34	4.99%
Volumetric Charge per 1,000 gallons	\$14.02	\$14.64	\$0.62	4.44%
Quarterly flat charge (unmetered users only)	\$420.63	\$439.31	\$18.68	4.44%
<u>Hauled Waste Charges</u>				
Septic Tank Rate per 1,000 gallons	\$97.59	\$101.85	\$4.26	4.36%
Holding Tank Rate per 1,000 gallons	\$32.22	\$33.12	\$0.90	4.36%
Chemical Toilet Waste Rate per 1,000 gallons	\$241.18	\$245.19	\$4.01	1.66%
Annual Cost for Average Residential User (48,000 gallons/year)	\$585.55	\$611.98	\$26.43	4.51%
Monthly Cost	\$48.80	\$51.00	\$2.20	



2026 Sewer Utility Cash Flow (Non-Return Flow Portion)

	2026
Cash Sources	
Revenues from User Rates ⁽¹⁾	\$21,744,309
Allowance for Unknowns (ie. Timing of billing, customer loss)	(\$326,165)
Other Income ⁽²⁾	\$117,000
Investment Income on Unrestricted Cash ⁽³⁾	\$943,107
Other Fees ⁽⁴⁾	\$60,000
Total Cash Sources	\$22,538,251
Cash Uses	
O&M	\$8,861,776
Net Before Debt Service	\$13,676,475
Debt Service	
Total Debt Service	\$9,796,968
Capital Outlay (non reserve)	\$15,677,844
Addition to Replacement Fund	\$650,000
Net Cash Flow	(\$12,448,336)



Comparison of Sewer User Rates – (Including Return Flow User Rate)

Including Return Flow Rate	
Community	Annual Cost per Single-Family Home
Waukesha, City, Current & Proposed	\$844
New Berlin, City	\$764
Muskego, City	\$671
Menomonee Falls, Village	\$638
Pewaukee, City	\$564
Mukwonago, Village	\$552
Brookfield, City	\$492
Oconomowoc, City	\$438

Based Upon 48,000 gallons per year for the average single-family home



Estimated Rate Increase for Next 5-Years (Not Including Return Flow Rate)

Year	Average Annual Payment - SF Home	Percent Rate Increase	Increase to Monthly Bill
2026	\$612	4.51%	\$2.20
2027	\$612	0.00%	\$0.00
2028	\$640	4.50%	\$1.72
2029	\$668	4.50%	\$1.80
2030	\$668	0.00%	\$0.00

2026 Return Flow & Utility Rate Overview



Joe Ciurro, CPA
Finance Director

Return Flow Rate Projection

Return Flow Rate Calculation by Year						
	2025	2026	2027	2028	2029	2030
Revenues generated by rates	\$ 6,969,064	\$ 7,713,901	\$ 7,604,235	\$ 7,960,778	\$ 8,113,681	\$ 8,313,154
Investment/Other income	514,700	429,500	410,400	388,800	429,400	473,800
Less: Operating Expenses	(925,000)	(950,000)	(978,500)	(1,007,900)	(1,038,100)	(1,069,200)
Net Revenues	\$ 6,558,764	\$ 7,193,401	\$ 7,036,135	\$ 7,341,678	\$ 7,504,981	\$ 7,717,754
Debt Service (Subsequent Year)	\$ 5,318,016	\$ 5,532,339	\$ 5,531,749	\$ 5,531,148	\$ 5,530,537	\$ 5,529,914
Total Debt Service Coverage (Min. = 1.10)	1.23	1.30	1.27	1.33	1.36	1.40
Return Flow Charge (\$/1,000 Gal.)	4.29	4.83	4.83	5.12	5.27	5.27
Return Flow Rate Increase	0.00%	12.59%	0.00%	6.00%	2.93%	0.00%
Projected Debt Balance - EOY	\$ 116,415,023	\$ 113,098,626	\$ 109,722,949	\$ 106,143,415	\$ 102,499,209	\$ 98,789,154
Projected Cash Balance - EOY	\$ 10,115,132	\$ 10,990,517	\$ 12,494,313	\$ 14,304,242	\$ 16,278,074	\$ 18,465,292

Utility Rate Overview

Utility Billing Impact - Single Family Residential

	2025	2026	2027	2028	2029	2030
	\$/Yr	\$/Yr	\$/Yr	\$/Yr	\$/Yr	\$/Yr
Return Flow	\$ 206	\$ 232	\$ 232	\$ 246	\$ 253	\$ 253
Sewer	586	612	612	639	668	668
Water	822	822	946	974	1,003	1,124
RF/Swr/Wtr	\$ 1,614	\$ 1,666	\$ 1,790	\$ 1,859	\$ 1,924	\$ 2,045
Avg. Monthly Bill	\$ 135	\$ 139	\$ 149	\$ 155	\$ 160	\$ 170
Avg. Monthly Increase (\$)		\$ 4	\$ 10	\$ 6	\$ 5	\$ 10
Avg. Monthly Increase (%)		2.96%	7.19%	4.03%	3.23%	6.25%
Rate Increases (%):						
Return Flow		12.6%	0.0%	6.0%	2.8%	0.0%
Sewer		4.4%	0.0%	4.4%	4.5%	0.0%
Water		0.0%	15.1%	3.0%	3.0%	12.1%

** Assumes 48,000 gallons used annually (i.e 4,000 gallons monthly).

November 13, 2025

2026 Sewer User Rate Study Update:

City of Waukesha, Wisconsin

Cost of Service Sewer User Rate Update for a 2026 Test Year



Prepared by:

Ehlers
N19W24400 Riverview Drive
Waukesha, Wisconsin 53188

BUILDING COMMUNITIES. IT'S WHAT WE DO.

Sewer User Rate Study Update
Supporting Worksheets

City of Waukesha

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Table 1 - Comparison of Existing vs. Proposed Rates

	Current Rates Effective 1/1/2025	2026 Proposed Rates	\$ Change	% Change
<u>City (Inside) User Charges</u>				
Monthly Fixed Charge	\$6.88	\$7.22	\$0.34	4.99%
Volumetric Charge per 1,000 gallons	\$10.48	\$10.94	\$0.46	4.43%
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Annual Cost for Average Residential User (48,000 gallons/year)	\$585.55	\$611.98	\$26.43	4.51%
Monthly Cost	\$48.80	\$51.00	\$2.20	

Table 2 - Projected WWTF Flows and Loadings

Total	Equiv Customers	Flow (1,000 Gal)	BOD (Lbs)	SS (Lbs)	P (Lbs)	TKN (Lbs)
Residential	18,585	813,632	1,594,637	2,307,135	54,286	203,571
Commercial and Multi-Family ⁽¹⁾	2,199	646,686	1,267,439	1,833,742	43,147	161,801
Industrial	144	93,345	182,947	264,689	6,228	23,355
Public	107	44,918	88,035	127,369	2,997	11,238
Subtotal City Billable	21,035	1,598,581	3,133,058	4,532,935	106,657	399,965
Unmetered Customers	115	13,800	27,047	39,131	921	3,453
Outside Customers						
Residential	71	2,637	5,168	7,477	176	660
Commercial and Multi-Family	21	4,519	8,856	12,813	301	1,131
Industrial	2	139	273	395	9	35
Subtotal Outside Billable	94	7,295	14,297	20,685	487	1,825
High Strength Industrial						
Ventura Foods						
Excess Loadings			457,611	109,028	200	-
GE Medical Systems						
Excess Loadings			-	-	-	959
Waukesha Memorial Hospital						
Excess Loadings			10,630	-	-	4,112
Innio (GE/Waukesha Engine)						
Excess Loadings			-	-	-	2,398
Prolec-GE						
Excess Loadings			20,900	35,278	186	1,544
Lifeway Wisconsin, LLC						
Excess Loadings			556,389	112,336	3,756	21,341
DSM Food						
Excess Loadings			24,368	26,196	544	741
Gascoigne Co.						
Excess Loadings			-	-	992	-
Profile Finishing						
Excess Loadings			9	-	50	10
Eaton Badger						
Excess Loadings			1,617	-	951	-
Eaton Lincoln						
Excess Loadings			-	-	312	22
Class 2 Industrial Hauled Excess Loadings			1,239	-	179	959
Subtotal High Strength Industrial Billable			1,072,763	282,838	7,170	32,086
Septic Tank Waste		656	8,189	33,364	257	1,095
Chemical Toilet Waste		751	51,725	56,539	1,590	17,699
Holding Tank Waste		969	5,202	7,391	210	759
Subtotal Wastehaulers		2,376	65,116	97,294	2,057	19,553
Total Billable	21,129	1,622,051	4,312,280	4,972,883	117,292	456,882
I/I		1,174,588				
Total WTF		2,796,639				
Total For Rate Calcs	21,129	1,622,051	4,312,280	4,972,883	117,292	456,882

Notes:

(1) Includes customer connections and flows from the Village of Wales.

Table 3 - Allocation of Costs to Function

	Flow		BOD		TSS		P		TKN	
	2026 Budget	%	Cost - User Charge	Cost - Customer	%	Cost	%	Cost	%	Cost
Operating & Maintenance										
Sewer Maintenance (7384)			50.0%	50.0%						
110 Personal Services										
51110 Salaries	\$533,134	100.0%	\$266,567	\$266,567	0.0%	\$0	0.0%	\$0	\$0	\$0
51210 Wages Permanent	\$0	100.0%	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0
51220 Overtime	\$21,600	100.0%	\$10,800	\$10,800	0.0%	\$0	0.0%	\$0	\$0	\$0
51250 Wages Temporary	\$0	100.0%	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0
51510 Social Security	\$42,439	100.0%	\$21,220	\$21,220	0.0%	\$0	0.0%	\$0	\$0	\$0
51520 Retirement	\$39,943	100.0%	\$19,972	\$19,972	0.0%	\$0	0.0%	\$0	\$0	\$0
51540 Health Insurance	\$175,584	100.0%	\$87,792	\$87,792	0.0%	\$0	0.0%	\$0	\$0	\$0
51550 Life Insurance	\$1,437	100.0%	\$719	\$719	0.0%	\$0	0.0%	\$0	\$0	\$0
51560 Dental Insurance	\$6,997	100.0%	\$3,499	\$3,499	0.0%	\$0	0.0%	\$0	\$0	\$0
120 Contractual Services										
52190 Other Professional Services	\$0	100.0%	\$0	\$0	0.0%	\$0	0.0%	\$0	\$0	\$0
52210 Water And Sewer	\$200	100.0%	\$100	\$100	0.0%	\$0	0.0%	\$0	\$0	\$0
52220 Electric	\$189,000	100.0%	\$94,500	\$94,500	0.0%	\$0	0.0%	\$0	\$0	\$0
52240 Heat	\$2,100	100.0%	\$1,050	\$1,050	0.0%	\$0	0.0%	\$0	\$0	\$0
52410 Vehicle Maintenance	\$50,000	100.0%	\$25,000	\$25,000	0.0%	\$0	0.0%	\$0	\$0	\$0
52435 Conveyance Maintenance	\$125,000	100.0%	\$62,500	\$62,500	0.0%	\$0	0.0%	\$0	\$0	\$0
52490 Pump Station Maintenance	\$120,000	100.0%	\$60,000	\$60,000	0.0%	\$0	0.0%	\$0	\$0	\$0
130 Supplies and Expenses										
53510 Gasoline, Oil, Grease Etc.	\$30,000	100.0%	\$15,000	\$15,000	0.0%	\$0	0.0%	\$0	\$0	\$0
53940 Other (Manhole repairs, inspect)	\$75,000	100.0%	\$37,500	\$37,500	0.0%	\$0	0.0%	\$0	\$0	\$0
Subtotal Sewer Maintenance	\$1,412,434	100.0%	\$706,217	\$706,217	0.0%	\$0	0.0%	\$0	0.0%	\$0
Sewer Plant Operations (7388)										
110 Personal Services										
51110 Salaries	\$1,176,504	40.0%	\$235,301	\$235,301	25.0%	\$294,126	25.0%	\$294,126	5.0%	\$58,825
51170 Accrued Compensatory time	\$0	40.0%	\$0	\$0	25.0%	\$0	25.0%	\$0	5.0%	\$0
51180 Accrued Vacation	\$0	40.0%	\$0	\$0	25.0%	\$0	25.0%	\$0	5.0%	\$0
51190 Sick Leave Accrual	\$0	40.0%	\$0	\$0	25.0%	\$0	25.0%	\$0	5.0%	\$0
51210 Wages Permanent	\$0	40.0%	\$0	\$0	25.0%	\$0	25.0%	\$0	5.0%	\$0
51220 Overtime	\$82,400	40.0%	\$16,480	\$16,480	25.0%	\$20,600	25.0%	\$20,600	5.0%	\$4,120
51250 Wages Temporary	\$21,800	40.0%	\$4,360	\$4,360	25.0%	\$5,450	25.0%	\$5,450	5.0%	\$1,090
51510 Social Security	\$96,622	40.0%	\$19,324	\$19,324	25.0%	\$24,156	25.0%	\$24,156	5.0%	\$4,831
51520 Retirement	\$90,642	40.0%	\$18,128	\$18,128	25.0%	\$22,661	25.0%	\$22,661	5.0%	\$4,532
51540 Health Insurance	\$399,992	40.0%	\$79,998	\$79,998	25.0%	\$99,998	25.0%	\$99,998	5.0%	\$20,000
51550 Life Insurance	\$2,072	40.0%	\$414	\$414	25.0%	\$518	25.0%	\$518	5.0%	\$104
51560 Dental Insurance	\$15,933	40.0%	\$3,187	\$3,187	25.0%	\$3,983	25.0%	\$3,983	5.0%	\$797
120 Contractual Services										
52190 Lab Testing	\$40,000	0.0%	\$0	\$0	30.0%	\$12,000	20.0%	\$8,000	27.5%	\$11,000
52210 Water And Sewer	\$58,314	100.0%	\$29,157	\$29,157	0.0%	\$0	0.0%	\$0	0.0%	\$0
52220 Electric	\$893,000	17.5%	\$78,138	\$78,138	57.5%	\$513,475	15.0%	\$133,950	5.0%	\$44,650
52240 Heat	\$150,000	25.0%	\$18,750	\$18,750	25.0%	\$37,500	25.0%	\$37,500	12.5%	\$18,750
52410 Vehicle Maintenance	\$30,000	25.0%	\$3,750	\$3,750	25.0%	\$7,500	25.0%	\$7,500	12.5%	\$3,750
52430 PLC System Maint	\$35,000	25.0%	\$4,375	\$4,375	25.0%	\$8,750	25.0%	\$8,750	12.5%	\$4,375
52450 Grounds Maintenance & Improv	\$75,000	25.0%	\$9,375	\$9,375	25.0%	\$18,750	25.0%	\$18,750	12.5%	\$9,375
52490 Equipment Maintenance	\$250,000	15.0%	\$18,750	\$18,750	30.0%	\$75,000	30.0%	\$75,000	12.5%	\$31,250
52990 Environmental Permit Fee	\$15,000	25.0%	\$1,875	\$1,875	25.0%	\$3,750	25.0%	\$3,750	12.5%	\$1,875
130 Supplies and Expenses										
53140 Small Equipment	\$5,000	15.0%	\$375	\$375	30.0%	\$1,500	30.0%	\$1,500	12.5%	\$625
53420 Chemistry/Lab/Medical Supplies	\$40,000	0.0%	\$0	\$0	25.0%	\$10,000	25.0%	\$10,000	25.0%	\$10,000
53422 WWTP Processing Chemicals	\$693,000	0.0%	\$0	\$0	50.0%	\$346,500	25.0%	\$173,250	25.0%	\$173,250
53440 Janitorial Supplies	\$10,000	10.0%	\$500	\$500	25.0%	\$2,500	25.0%	\$2,500	20.0%	\$2,000
53460 Clothing And Uniforms	\$13,500	10.0%	\$675	\$675	25.0%	\$3,375	25.0%	\$3,375	20.0%	\$2,700
53490 Other Operating Supplies	\$0	10.0%	\$0	\$0	25.0%	\$0	25.0%	\$0	20.0%	\$0
53510 Gasoline, Oil, Grease Etc.	\$17,340	10.0%	\$867	\$867	25.0%	\$4,335	25.0%	\$4,335	20.0%	\$3,468
53620 Consumable Tools	\$8,000	10.0%	\$400	\$400	25.0%	\$2,000	25.0%	\$2,000	20.0%	\$1,600
53910 Sludge Disposal	\$168,300	0.0%	\$0	\$0	55.0%	\$92,565	40.0%	\$67,320	5.0%	\$8,415
150 Fixed Charges										
55110 Property/Boiler Ins. & Expense	\$86,700	20.0%	\$8,670	\$8,670	20.0%	\$17,340	20.0%	\$17,340	20.0%	\$17,340
Subtotal Sewer Plant Operations	\$4,474,119	24.7%	\$552,850	\$552,850	36.4%	\$1,628,331	23.4%	\$1,046,311	9.8%	\$438,721

Table 3 - Allocation of Costs to Function

	Flow		BOD		TSS		P		TKN	
	2026 Budget	%	Cost - User Charge	Cost - Customer	%	Cost	%	Cost	%	Cost
Pre-treatment Sampling (7381)										
110 Personal Services										
51110 Salaries	\$148,909	15.0%	\$11,168	\$11,168	25.0%	\$37,227	20.0%	\$29,782	20.0%	\$29,782
51210 Wages Permanent	\$0	15.0%	\$0	\$0	25.0%	\$0	20.0%	\$0	20.0%	\$0
51220 Overtime	\$500	15.0%	\$38	\$38	25.0%	\$125	20.0%	\$100	20.0%	\$100
51510 Social Security	\$11,429	15.0%	\$857	\$857	25.0%	\$2,857	20.0%	\$2,286	20.0%	\$2,286
51520 Retirement	\$10,758	15.0%	\$807	\$807	25.0%	\$2,690	20.0%	\$2,152	20.0%	\$2,152
51540 Health Insurance	\$38,816	15.0%	\$2,911	\$2,911	25.0%	\$9,704	20.0%	\$7,763	20.0%	\$7,763
51550 Life Insurance	\$979	15.0%	\$73	\$73	25.0%	\$245	20.0%	\$196	20.0%	\$196
51560 Dental Insurance	\$1,550	15.0%	\$116	\$116	25.0%	\$388	20.0%	\$310	20.0%	\$310
120 Contractual Services										
52190 Pre-Treatment Sampling	\$26,000	15.0%	\$1,950	\$1,950	25.0%	\$6,500	20.0%	\$5,200	20.0%	\$5,200
52410 Vehicle Maintenance	\$1,530	15.0%	\$115	\$115	25.0%	\$383	20.0%	\$306	20.0%	\$306
52430 Computer Hardware Maint	\$0	15.0%	\$0	\$0	25.0%	\$0	20.0%	\$0	20.0%	\$0
130 Supplies and Expenses										
53120 Office Supplies	\$700	15.0%	\$53	\$53	25.0%	\$175	20.0%	\$140	20.0%	\$140
53220 Subscriptions-Office	\$0	15.0%	\$0	\$0	25.0%	\$0	20.0%	\$0	20.0%	\$0
53260 Advertising	\$0	15.0%	\$0	\$0	25.0%	\$0	20.0%	\$0	20.0%	\$0
53510 Gasoline, Oil, Grease Etc.	\$1,000	15.0%	\$75	\$75	25.0%	\$250	20.0%	\$200	20.0%	\$200
Subtotal Pretreatment Sampling	\$ 242,171.00	15.0%	\$18,163	\$18,163	25.0%	\$60,543	20.0%	\$48,434	20.0%	\$48,434
Subtotal Collector and Treatment	\$ 6,128,724.00	41.7%	\$1,277,229	\$1,277,229	27.6%	\$1,688,874	17.9%	\$1,094,745	7.9%	\$487,155
Sewer Administration (7380)										
110 Personal Services										
51110 Salaries	\$514,500	41.7%	\$107,222	\$107,222	27.6%	\$141,779	17.9%	\$91,903	7.9%	\$40,896
51180 Accrued Vacation	\$0	41.7%	\$0	\$0	27.6%	\$0	17.9%	\$0	7.9%	\$0
51190 Sick Leave Accrual	\$0	41.7%	\$0	\$0	27.6%	\$0	17.9%	\$0	7.9%	\$0
51210 Wages Permanent	\$0	41.7%	\$0	\$0	27.6%	\$0	17.9%	\$0	7.9%	\$0
51220 Overtime	\$3,100	41.7%	\$646	\$646	27.6%	\$854	17.9%	\$554	7.9%	\$246
51510 Social Security	\$39,596	41.7%	\$8,252	\$8,252	27.6%	\$10,911	17.9%	\$7,073	7.9%	\$3,147
51520 Retirement	\$37,267	41.7%	\$7,766	\$7,766	27.6%	\$10,270	17.9%	\$6,657	7.9%	\$2,962
51525 Retirement-GASB 68	\$0	41.7%	\$0	\$0	27.6%	\$0	17.9%	\$0	7.9%	\$0
51540 Health Insurance	\$160,892	41.7%	\$33,530	\$33,530	27.6%	\$44,337	17.9%	\$28,739	7.9%	\$12,789
51550 Life Insurance	\$1,229	41.7%	\$256	\$256	27.6%	\$339	17.9%	\$220	7.9%	\$98
51551 Life Insurance-GASB 75	\$35,000	41.7%	\$7,294	\$7,294	27.6%	\$9,645	17.9%	\$6,252	7.9%	\$2,782
51560 Dental Insurance	\$6,401	41.7%	\$1,334	\$1,334	27.6%	\$1,764	17.9%	\$1,143	7.9%	\$509
51570 OPEB Expense	\$100,000	41.7%	\$20,840	\$20,840	27.6%	\$27,557	17.9%	\$17,863	7.9%	\$7,949
120 Contractual Services										
52130 Accounting And Auditing	\$127,700	41.7%	\$26,613	\$26,613	27.6%	\$35,190	17.9%	\$22,810	7.9%	\$10,151
52131 Utility Billing	\$900,000	41.7%	\$187,560	\$187,560	27.6%	\$248,010	17.9%	\$160,763	7.9%	\$71,539
52135 Consulting	\$100,000	41.7%	\$20,840	\$20,840	27.6%	\$27,557	17.9%	\$17,863	7.9%	\$7,949
52180 Management Services	\$65,300	41.7%	\$13,609	\$13,609	27.6%	\$17,995	17.9%	\$11,664	7.9%	\$5,191
52190 Other Other Professional Services	\$150,000	41.7%	\$31,260	\$31,260	27.6%	\$41,335	17.9%	\$26,794	7.9%	\$11,923
52250 Telephone	\$20,500	41.7%	\$4,272	\$4,272	27.6%	\$5,649	17.9%	\$3,662	7.9%	\$1,629
52270 Trunk Radio System Startup F	\$642	41.7%	\$134	\$134	27.6%	\$177	17.9%	\$115	7.9%	\$51
52430 Computer Hardware Maint	\$10,600	41.7%	\$2,209	\$2,209	27.6%	\$2,921	17.9%	\$1,893	7.9%	\$843
130 Supplies and Expenses										
53110 Postage and Box Rent	\$1,000	41.7%	\$208	\$208	27.6%	\$276	17.9%	\$179	7.9%	\$79
53120 Office Supplies	\$2,400	41.7%	\$500	\$500	27.6%	\$661	17.9%	\$429	7.9%	\$191
53130 Printing/Photocopying	\$6,000	41.7%	\$1,250	\$1,250	27.6%	\$1,653	17.9%	\$1,072	7.9%	\$477
53135 Internal Printing	\$5,625	41.7%	\$1,172	\$1,172	27.6%	\$1,550	17.9%	\$1,005	7.9%	\$447
53220 Subscriptions-Office	\$400	41.7%	\$83	\$83	27.6%	\$110	17.9%	\$71	7.9%	\$32
53240 Membership Dues	\$3,500	41.7%	\$729	\$729	27.6%	\$964	17.9%	\$625	7.9%	\$278
53250 Conference And Training	\$15,000	41.7%	\$3,126	\$3,126	27.6%	\$4,134	17.9%	\$2,679	7.9%	\$1,192
53260 Advertising	\$3,000	41.7%	\$625	\$625	27.6%	\$827	17.9%	\$536	7.9%	\$238
53940 Other Chg	\$1,000	41.7%	\$208	\$208	27.6%	\$276	17.9%	\$179	7.9%	\$79
150 Fixed Charges										
55120 Auto And Fleet Insurance	\$11,900	41.7%	\$2,480	\$2,480	27.6%	\$3,279	17.9%	\$2,126	7.9%	\$946
55160 Workman's Comp Insurance	\$54,500	41.7%	\$11,358	\$11,358	27.6%	\$15,018	17.9%	\$9,735	7.9%	\$4,332
55190 General Liability Insurance	\$47,000	41.7%	\$9,795	\$9,795	27.6%	\$12,952	17.9%	\$8,395	7.9%	\$3,736

Table 3 - Allocation of Costs to Function

	Flow		BOD		TSS		P		TKN	
	2026 Budget	%	Cost - User Charge	Cost - Customer	%	Cost	%	Cost	%	Cost
184 Interdepartmental Charges										
78422 Data Processing-Allocated	\$265,000	41.7%	\$55,226	\$55,226	27.6%	\$73,025	17.9%	\$47,336	7.9%	\$21,064
78650 Employee Safety Programs	\$14,000	41.7%	\$2,918	\$2,918	27.6%	\$3,858	17.9%	\$2,501	7.9%	\$1,113
78690 Other Employee Benefits	\$0	41.7%	\$0	\$0	27.6%	\$0	17.9%	\$0	7.9%	\$0
89280 TranSkivt	\$30,000	41.7%	\$6,252	\$6,252	27.6%	\$8,267	17.9%	\$5,359	7.9%	\$2,385
Subtotal	\$ 2,733,052.00	41.7%	\$569,569	\$569,569	27.6%	\$753,139	17.9%	\$488,192	7.9%	\$217,243
Total O & M	\$ 8,861,776.00	41.7%	\$1,846,799	\$1,846,799	27.6%	\$2,442,013	17.9%	\$1,582,938	7.9%	\$ 704,398.25
Capital Costs										
Depreciation	\$6,987,330	41.7%	\$2,912,327	\$0	27.6%	\$1,925,477	17.9%	\$1,248,114	7.9%	\$555,404
Return on Investment (ROI)	\$5,996,567	41.7%	\$2,499,376	\$0	27.6%	\$1,652,456	17.9%	\$1,071,139	7.9%	\$476,651
Total Capital Costs	\$12,983,897		\$5,411,702	\$0		\$3,577,933		\$2,319,253		\$1,032,054
Subtotal Revenue Requirements	\$21,845,673		\$7,258,501	\$1,846,799		\$6,019,946		\$3,902,191		\$ 1,736,452.62
Other Income										
Delinquent Fees	(\$60,000)	41.7%	(\$12,504)	(\$12,504)	27.6%	(\$16,534)	17.9%	(\$10,718)	7.9%	(\$4,769)
Pre-Treatment Charges - Public Charges	(\$57,000)	41.7%	(\$11,879)	(\$11,879)	27.6%	(\$15,707)	17.9%	(\$10,182)	7.9%	(\$4,531)
Investment Income	\$0	41.7%	\$0	\$0	27.6%	\$0	17.9%	\$0	7.9%	\$0
Total Other Income	(\$117,000)		(\$24,383)	(\$24,383)		(\$32,241)		(\$20,899)		(\$9,300)
Total Net Revenue Requirements	\$21,728,673		\$7,234,118	\$1,822,416		\$5,987,705		\$3,881,292		\$1,727,153
Summary										
Allocation of Costs to Function and Classification for City Rates										
			Flow	Fixed		BOD		SS		P
O&M and Replacement	\$8,861,776		\$1,846,799	\$1,846,799		\$2,442,013		\$1,582,938		\$704,398
Capital	\$12,983,897		\$5,411,702	\$0		\$3,577,933		\$2,319,253		\$1,032,054
Other Revenues	(\$117,000)		(\$24,383)	(\$24,383)		(\$32,241)		(\$20,899)		(\$9,300)
Total	21,728,673		7,234,118	1,822,416		5,987,705		3,881,292		1,727,153
Allocation of Costs to Function and Classification for Extraterritorial Rates										
			Flow	Fixed		BOD		SS		P
Total Allocation for City Rates	\$21,728,673		\$7,234,118	\$1,822,416		\$5,987,705		\$3,881,292		\$1,727,153
Deduct ROI for City	(\$5,996,567)		(\$2,499,376)	\$0		(\$1,652,456)		(\$1,071,139)		(\$476,651)
Add ROI for Computation of Extra Rates	\$15,222,056	41.7%	\$6,344,569	\$0	27.6%	\$4,194,696	17.9%	\$2,719,045	7.9%	\$1,209,959
Total	30,954,162		11,079,311	1,822,416		8,529,945		5,529,198		2,460,461

Table 4 - Comparison of Operating Expenses and Customer Flows and Loadings**2025-2026 Operating and Maintenance Comparison**

Operating and Maintenance Category	2025	2026	Difference	Percentage Change
Sewer Maintenance	\$ 1,340,972	\$ 1,412,434	\$71,462	5.33%
Sewer Plant Operations	\$ 4,407,941	\$ 4,474,119	\$66,178	1.50%
Pre-treatment Sampling	\$ 276,173	\$ 242,171	(\$34,002)	-12.31%
Subtotal Collection and Treatment	\$ 6,025,086	\$ 6,128,724	\$103,638	1.72%
Sewer Administration	\$ 2,649,412	\$ 2,733,052	\$83,640	3.16%
Total Operating and Maintenance Expenses	\$ 8,674,498	\$ 8,861,776	\$187,278	2.16%

2025-2026 Billable Flows Comparison

Customer Class	Billable Flow (1,000 Gal)		Difference (1,000 gal)	Percentage Change
	2025	2026		
Residential	813,881	813,632	(249)	-0.03%
Commercial and Multi-Family	641,127	646,686	5,559	0.87%
Industrial	98,246	93,345	(4,901)	-4.99%
Public	47,710	44,918	(2,792)	-5.85%
Septic Tank Waste	656	656	-	0.00%
Holding Tank Waste	969	969	-	0.00%
Total	1,602,589	1,600,205	(2,383)	-0.15%

Total Loadings all Customer Classes	2025	2026	Difference (Lbs)	Percentage Change
BOD (Lbs)	4,376,344	4,312,280	(64,063)	-1.46%
TSS (Lbs)	5,004,376	4,972,883	(31,493)	-0.63%
P (Lbs)	117,677	117,292	(385)	-0.33%
TKN (Lbs)	458,955	456,882	(2,073)	-0.45%

Table 5 - Wastewater Utility Assets and Depreciation

Estimated Asset Detail at 12/31/24

Description	Original Cost ⁽¹⁾	Accumulated Depreciation ⁽²⁾	Est. 2025	Est. 2026	Est. Accumulated Depreciation at 12/31/2026	Net Book Value
Subtotal	\$230,841,784	\$89,408,371	\$6,600,000	\$6,600,000	\$102,608,371	\$128,233,413
2025 Capital Projects ⁽³⁾	\$12,445,000		\$193,665	\$387,330	\$580,995	\$11,864,005
2026 Capital Projects ⁽³⁾	\$13,875,800		\$0	\$215,080	\$215,080	\$13,660,720
Total	\$257,162,584		\$6,793,665	\$6,987,330	\$103,404,446	\$153,758,138

Notes:

(1) From City of Waukesha 12/31/2024 Fixed Asset Master List.

(2) At 12/31/2024

(3) Source: City Finance Department.

Table 6 - Recovery of Depreciation and ROI

Return on Investment - City Customers

Asset Costs	\$257,162,584
Accumulated Depreciation	\$103,404,446
Estimated Test Year Net Investment Rate Base (NIRB)	<u>\$153,758,138</u>

Return on Investment (ROI) % 3.90%

ROI for test year \$5,996,567

Depreciation Expense for test year \$6,987,330

Total Capital Recovery \$12,983,897

Return on Investment - Extraterritorial Customers

Asset Costs	\$257,162,584
Accumulated Depreciation	\$103,404,446
Estimated Test Year Net Investment Rate Base (NIRB)	<u>\$153,758,138</u>

Return on Investment (ROI) % 9.90%

ROI for test year \$15,222,056

Depreciation Expense for test year \$6,987,330

Total Capital Recovery \$22,209,386

Table 7 - Rate Computation Worksheet

	City (Inside) Rates			Extraterritorial (Outside) Rates		
	Costs	Billable Units	City Rate	Costs	Billable Units	Extra. Rate
Fixed Charges						
Fixed Charge	1,822,416	21,035	\$86.64	1,822,416	21,035	\$86.64
 Volumetric Charges						
Flow Charge per 1,000 gallons	7,234,118	1,625,583	\$4.45	11,079,311	1,622,051	\$6.83
BOD Charge per lb.	5,987,705	4,319,204	\$1.39	8,529,945	4,312,280	\$1.98
TSS Charge per lb.	3,881,292	4,982,900	\$0.78	5,529,198	4,972,883	\$1.11
P Charge per lb.	1,727,153	117,528	\$14.70	2,460,461	117,292	\$20.98
TKN Charge per lb.	1,075,990	457,766	\$2.35	1,532,830	456,882	\$3.35
BOD Charge per 1,000 gallons			\$2.72			\$3.88
TSS Charge per 1,000 gallons			\$2.21			\$3.15
P Charge per 1,000 gallons			\$0.98			\$1.40
TKN Charge per 1,000 gallons			\$0.59			\$0.84
Total Volumetric Rate per 1,000 gal			\$10.94			\$16.10
 Wastehauler Charges						
Septic Charges						
Flow Charge per 1,000 gallons			\$4.45			\$6.83
BOD Charge per 1,000 gallons			\$17.30			\$24.68
TSS Charge per 1,000 gallons			\$39.59			\$56.52
P Charge per 1,000 gallons			\$5.76			\$8.22
TKN Charge per 1,000 gallons			\$3.92			\$5.60
Total			\$71.02			\$101.85
 Holding Tank Charges						
Flow Charge per 1,000 gallons			\$4.45			\$6.83
BOD Charge per 1,000 gallons			\$7.45			\$10.62
TSS Charge per 1,000 gallons			\$5.94			\$8.48
P Charge per 1,000 gallons			\$3.19			\$4.55
TKN Charge per 1,000 gallons			\$1.84			\$2.63
Total			\$22.87			\$33.12
 Chemical Toilet Waste Charges						
Flow Charge per 1,000 gallons			\$4.45			\$6.83
BOD Charge per 1,000 gallons			\$95.52			\$136.30
TSS Charge per 1,000 gallons			\$58.67			\$83.74
P Charge per 1,000 gallons			\$31.13			\$44.44
TKN Charge per 1,000 gallons			\$55.42			\$79.10
Total			\$245.19			\$350.41
 Rate Summary						
		City (Inside)			Extraterritorial (Outside)	
Fixed charge per connection		\$86.64			\$86.64	
Rate per 1,000 gallons		\$10.94			\$16.10	
BOD rate per lb.		\$1.39			\$1.98	
TSS rate per lb.		\$0.78			\$1.11	
P rate per lb.		\$14.70			\$20.98	
TKN rate per lb.		\$2.35			\$3.35	

Table 8 - Rate Summary

		<u>COS</u>	<u>Proposed</u>
City (Inside)	Fixed charge per connection (annual)	\$86.64	\$86.64
	Volumetric Rate per 1,000 Gallons	\$10.94	\$10.94
	BOD rate per lb.	\$1.39	\$1.39
	TSS rate per lb.	\$0.78	\$0.78
	P rate per lb.	\$14.70	\$14.70
	TKN rate per lb.	\$2.35	\$2.35
	Unmetered quarterly flat charge	\$328.33	\$328.33
Extraterritorial (Outside)	Fixed charge per connection (annual)	\$86.64	\$86.64
	Volumetric Rate per 1,000 Gallons	\$16.10	\$14.64
	BOD rate per lb.	\$1.98	\$1.98
	TSS rate per lb.	\$1.11	\$1.11
	P rate per lb.	\$20.98	\$20.98
	TKN rate per lb.	\$3.35	\$3.35
	Unmetered quarterly flat charge	\$482.97	\$439.31
Wastehauler	Septic Rate per 1,000 Gallons	\$101.85	\$101.85
	Chemical Toilet Rate per 1,000 Gallons	\$245.19	\$245.19
	Holding Tank Rate per 1,000 Gallons	\$33.12	\$33.12

Table 9 - Revenue Check (Based on COS)

		Units	Rate	Annual Total
Fixed Charge				
Residential	cust	18,585	\$86.64	\$1,610,155
Commercial and Multi-Family	cust	2,199	\$86.64	\$190,515
Industrial	cust	144	\$86.64	\$12,476
Public	cust	107	\$86.64	\$9,270
Subtotal		21,035		\$1,822,416
Volumetric Charges-Inside Customers				
Residential	Flow (000 gal)	813,632	\$10.94	\$8,904,781
Commercial & Multiple	Flow (000 gal)	646,686	\$10.94	\$7,077,642
Industrial	Flow (000 gal)	93,345	\$10.94	\$1,021,612
Public	Flow (000 gal)	44,918	\$10.94	\$491,604
Septic Waste Haulers	Flow (000 gal)	656	\$71.02	\$46,615
Chemical Toilet Waste Haulers	Flow (000 gal)	751	\$245.19	\$184,057
Holding Tank Waste Haulers	Flow (000 gal)	969	\$22.87	\$22,150
Subtotal		1,600,956		\$17,748,461
Industrial Excess BOD	Lbs	1,072,763	\$1.39	\$1,487,170
Industrial Excess TSS	Lbs	282,838	\$0.78	\$220,309
Industrial Excess P	Lbs	7,170	\$14.70	\$105,368
Industrial Excess TKN	Lbs	32,086	\$2.35	\$75,420
Subtotal		1,394,857		\$1,888,266
Unmetered Customers	cust	115	\$1,313.34	\$151,034
Volumetric Charges-Outside Customers				
Residential	Flow (000 gal)	2,637	\$16.10	\$42,450
Commercial & Multiple	Flow (000 gal)	4,519	\$16.10	\$72,745
Industrial	Flow (000 gal)	139	\$16.10	\$2,241
Subtotal				\$117,436
Total Revenues				\$21,727,613
Revenue Requirements				\$21,728,673
Difference				(\$1,060)

Table 10 - Revenue Summary

		Units	Rate	Annual Total
Fixed Charge				
Residential	cust	18,585	\$86.64	\$1,610,204
Commercial and Multi-Family	cust	2,199	\$86.64	\$190,521
Industrial	cust	144	\$86.64	\$12,476
Public	cust	107	\$86.64	\$9,270
Subtotal		21,035		\$1,822,472
Volumetric Charges - Inside Customers				
Residential	Flow (000 gal)	813,632	\$10.94	\$8,901,133
Commercial & Multiple	Flow (000 gal)	646,686	\$10.94	\$7,074,743
Industrial	Flow (000 gal)	93,345	\$10.94	\$1,021,193
Public	Flow (000 gal)	44,918	\$10.94	\$491,403
Septic Waste Haulers	Flow (000 gal)	656	\$101.85	\$66,847
Holding Tank Waste Haulers	Flow (000 gal)	969	\$33.12	\$32,078
Chemical Toilet Waste Haulers	Flow (000 gal)	751	\$245.19	\$184,057
Subtotal		1,600,205		\$17,771,454
Industrial Excess BOD	Lbs	1,072,763	\$1.39	\$1,491,141
Industrial Excess TSS	Lbs	282,838	\$0.78	\$220,614
Industrial Excess P	Lbs	7,170	\$14.70	\$105,399
Industrial Excess TKN	Lbs	32,086	\$2.35	\$75,403
Subtotal		1,394,857		\$1,892,556
Unmetered Customers	cust	115	\$1,313.34	\$151,034
Volumetric Charges - Outside Customers				
Residential	Flow (000 gal)	2,637	\$14.64	\$38,603
Commercial & Multiple	Flow (000 gal)	4,519	\$14.64	\$66,152
Industrial	Flow (000 gal)	139	\$14.64	\$2,038
Subtotal				\$106,793
Total Revenues				\$21,744,309
Revenue Requirements COS				\$21,728,673
Difference				\$15,636
Revenues as % of COS				100.1%

Table 11 - Test Year Cash Flow Analysis

	2026
Cash Sources	
Revenues from User Rates ⁽¹⁾	\$21,744,309
Allowance for Unknowns (ie. Timing of billing, customer loss)	(\$326,165)
Other Income ⁽²⁾	\$117,000
Investment Income on Unrestricted Cash ⁽³⁾	\$956,680
Other Fees ⁽⁴⁾	\$60,000
Total Cash Sources	\$22,551,824
Cash Uses	
O&M	\$8,861,776
Net Before Debt Service	\$13,690,048
Debt Service	
Total Debt Service	\$9,796,968
Capital Outlay (non reserve)	\$15,677,844
Addition to Replacement Fund	\$650,000
Net Cash Flow	(\$12,434,763)

Notes:

- (1) Estimated user rate projections assume that user rates are taking effect 1/1.
- (2) Subtotal delinquent fees plus pre-treatment sampling fees.
- (3) Estimate of investment income assuming an interest rate of 3.0%.
- (4) Other charges includes connection fees, impact fees and special assessments.

City of Waukesha, WI
2025 - 2030 Return Flow Rate Projection

Return Flow - Cash Flow Summary						
	2025	2026	2027	2028	2029	2030
Rate Adjustments	0.00%	12.59%	0.00%	6.00%	2.93%	0.00%
Revenues						
Rate Revenues						
<i>Revenue under Existing Rates</i>	\$ 6,969,064	\$ 6,856,801	\$ 6,759,320	\$ 6,675,705	\$ 6,605,752	\$ 6,768,154
<i>Additional Revenue from Rate Adjustments</i>	-	857,100	844,915	1,285,073	1,507,928	1,545,000
Total Rate Revenues	\$ 6,969,064	\$ 7,713,901	\$ 7,604,235	\$ 7,960,778	\$ 8,113,681	\$ 8,313,154
Other Revenues	114,700	117,600	120,500	123,500	126,600	129,800
Interest Income	400,000	311,900	289,900	265,300	302,800	344,000
Total Revenues	\$ 7,483,764	\$ 8,143,401	\$ 8,014,635	\$ 8,349,578	\$ 8,543,081	\$ 8,786,954
Expenses						
Operating Expenses	\$ 925,000	\$ 950,000	\$ 978,500	\$ 1,007,900	\$ 1,038,100	\$ 1,069,200
Debt Service	5,278,774	5,318,016	5,532,339	5,531,749	5,531,148	5,530,537
Interfund Advance Payback	-	-	-	-	-	-
Capital (Cash)	1,300,000	1,000,000	-	-	-	-
Total Expenses	\$ 7,503,774	\$ 7,268,016	\$ 6,510,839	\$ 6,539,649	\$ 6,569,248	\$ 6,599,737
Deposit to/(Withdrawal from) Reserve Fund	(20,010)	875,385	1,503,796	1,809,929	1,973,832	2,187,218
Reserve Fund Beginning Balance	\$ 10,082,270	\$ 10,062,260	\$ 10,937,645	\$ 12,441,441	\$ 14,251,370	\$ 16,225,202
Deposit to/(Withdrawal from) Reserves	(20,010)	875,385	1,503,796	1,809,929	1,973,832	2,187,218
Reserve Fund Ending Balance	\$ 10,062,260	\$ 10,937,645	\$ 12,441,441	\$ 14,251,370	\$ 16,225,202	\$ 18,412,419
Days O&M and DS	592	637	697	795	902	1,018
Net Revenue Available for Debt Service	\$ 6,558,764	\$ 7,193,401	\$ 7,036,135	\$ 7,341,678	\$ 7,504,981	\$ 7,717,754
Debt Service (Subsequent Year)	\$ 5,318,016	\$ 5,532,339	\$ 5,531,749	\$ 5,531,148	\$ 5,530,537	\$ 5,529,914
Total DSCR	1.23	1.30	1.27	1.33	1.36	1.40

November 13, 2025

2026 Long Range Clean Water Utility Cash Flow Update:

City of Waukesha, Wisconsin

Multi-Year Cash Flow Analysis Update for the Clean Water Utility



Prepared by:

Ehlers
N19W24400 Riverview Drive
Waukesha, Wisconsin 53188

BUILDING COMMUNITIES. IT'S WHAT WE DO.

Clean Water Utility Long Range Cash Flow Analysis Supporting Worksheets

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City of Waukesha
Clean Water Utility
Proposed Capital Improvement Plan Summary- Wastewater Treatment Facility and Collection System

Estimated Capital Costs	2025	2026	2027	2028	2029	2030
Sanitary Manhole Rehab	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000
Gravity Sewer Rehabilitation & Extensions	\$5,175,044	\$4,660,000	\$4,820,000	\$3,210,000	\$4,930,000	\$1,530,000
Pump Stations & Force Mains	\$2,901,919	\$3,233,844	\$2,000,000	\$230,000	\$1,260,000	\$1,360,000
Interceptor Projects	\$0	\$0	\$0	\$0	\$0	\$0
WWTP Buildings	\$0	\$0	\$0	\$0	\$0	\$0
Replacement Fund Projects	\$354,000	\$671,800	\$770,000	\$745,000	\$462,500	\$300,000
WWTP Facility Plan	\$10,585,000	\$6,950,000	\$3,095,000	\$500,000	\$2,850,000	\$2,300,000
Total	\$19,365,963	\$15,865,644	\$11,035,000	\$5,035,000	\$9,852,500	\$5,840,000
WWTP Vehicles	\$185,000	\$484,000	\$543,000	\$102,000	\$51,000	\$0
Total Capital Expenditures	\$19,550,963	\$16,349,644	\$11,578,000	\$5,137,000	\$9,903,500	\$5,840,000
Borrowing Computation						
Replacement Fund Projects (cash financed)	(\$354,000)	(\$671,800)	(\$770,000)	(\$745,000)	(\$462,500)	(\$300,000)
CWF Loans (shown separately)	\$0					
Net for inflation calculation	\$19,196,963	\$15,677,844	\$10,808,000	\$4,392,000	\$9,441,000	\$5,540,000
Inflated at 3% per year	\$19,196,963	\$15,677,844	\$10,808,000	\$4,392,000	\$9,441,000	\$5,540,000
Less Cash Financed Projects	(\$19,196,963)	(\$15,677,844)	(\$10,808,000)	(\$4,392,000)	(\$9,441,000)	(\$5,540,000)
Net Amount to be Funded (at 3% inflation) with New Debt Excluding CWF loans	\$0	\$0	\$0	\$0	\$0	\$0

City of Waukesha
Current and Proposed Debt Service
Includes WTF and Collection System Capital Projects

			1	2	3	4	5	6	7	8	9
Initial Debt Year	CWF Financing	Other Project Costs for Debt Financing	2022	2023	2024	2025	2026	2027	2028	2029	2030
2014 ²	\$28,893,000	2.63%	\$1,933,164	\$1,932,682	\$1,932,188	\$1,931,681	\$1,931,161	\$1,930,627	\$1,930,079	\$1,929,517	\$1,928,940
2014 ³	\$4,107,000	2.63%	\$274,790	\$274,721	\$274,651	\$274,579	\$274,505	\$274,429	\$274,351	\$274,271	\$274,189
2014 ¹		\$7,455,000	\$547,425	\$548,925	\$549,825	\$550,125	\$549,825	\$548,925	\$552,325	\$550,025	\$547,125
2015 ⁴	\$15,583,127	2.63%	\$933,969	\$933,794	\$933,615	\$933,432	\$933,245	\$933,053	\$932,857	\$932,657	\$932,453
2016 ⁶		\$3,610,000	\$252,550	\$252,975	\$253,250	\$253,375	\$257,400	\$255,300	\$253,000	\$255,400	\$257,400
2017 ⁷		\$6,395,000	\$456,025	\$458,375	\$455,500	\$454,650	\$455,525	\$457,175	\$454,775	\$456,875	\$458,375
2018 ⁸		\$5,550,000	\$390,738	\$389,213	\$387,538	\$389,463	\$389,863	\$389,863	\$389,463	\$388,663	\$387,463
2018 ⁵	\$20,205,408	1.87%	\$1,202,956	\$1,202,801	\$1,202,644	\$1,202,483	\$1,202,320	\$1,202,153	\$1,201,984	\$1,201,811	\$1,201,635
2019 ⁸		\$2,980,000	\$202,794	\$204,419	\$205,294	\$205,394	\$205,294	\$204,994	\$204,494	\$203,794	\$202,894
2020 ⁹		\$4,785,000	\$320,675	\$320,000	\$319,275	\$318,350	\$317,275	\$320,975	\$319,450	\$317,775	\$315,950
2020	\$10,229,739	1.76%	\$183,199	\$675,368	\$675,291	\$675,213	\$675,134	\$675,053	\$674,970	\$674,886	\$674,801
2021 ¹⁰		\$4,380,000	\$274,598	\$274,573	\$274,398	\$274,073	\$273,598	\$277,898	\$276,973	\$275,898	\$274,673
2022 ¹¹		\$6,050,000	\$139,496	\$445,450	\$445,700	\$440,575	\$449,825	\$443,450	\$446,575	\$444,075	\$445,950
2022	\$5,729,296	1.49%	\$0	\$304,902	\$331,344	\$331,316	\$331,288	\$331,260	\$331,230	\$331,201	\$331,171
2023 ¹²		\$3,800,000		\$90,960	\$282,675	\$281,800	\$285,550	\$283,925	\$282,050	\$284,800	\$282,175
2023	\$13,135,796	2.75%	\$0	\$0	\$896,886	\$896,886	\$896,886	\$896,886	\$896,886	\$896,886	\$896,886
2024 ¹³		\$4,880,000	5.00%	\$0	\$0	\$116,563	\$365,775	\$368,275	\$370,275	\$366,900	\$368,900
Total	\$48,596,269	\$129,362,194	\$7,112,377	\$8,309,157	\$9,536,636	\$9,779,169	\$9,796,968	\$9,796,241	\$9,788,361	\$9,786,684	\$9,780,979

Notes:
(1) Source: RW Baird, 4/8/2014. Includes refinancing NAN for \$3.54 million plus 2014 project costs.
(2) Revenue bond portion of the \$33,000,000 2014 4062-04 Clean Water Fund Loan.
(3) General Obligation bond portion of the \$33,000,000 2014 4062-04 Clean Water Fund Loan.
(6) Source: EMMA, 2016 Sewer Revenue Bonds Final Official Statement, Dated 5/10/2016.
(7) Source: RW Baird, final debt service schedule for 6.395 Series 2017 Sewer Revenue Bonds.
(8) Source: City Finance Director, final debt service schedule for 5.550 Series 2018 Sewer Revenue Bonds.

City of Waukesha
Clean Water Utility Cash Flow and Rate Projections
Non-Return Flow Portion of Clean Water Utility

	Est 2025	Test Year 2026	2027	2028	2029	2030
Cash Sources						
Revenues from City Customer Rates	\$21,104,851	\$21,744,309	\$21,744,309	\$22,722,803	\$23,745,330	\$23,745,330
Allowance for the Unknowns	(\$316,573)	(\$326,165)	(\$326,165)	(\$340,842)	(\$356,180)	(\$356,180)
Other Income ⁽¹⁾	\$117,000	\$117,000	\$117,000	\$117,000	\$117,000	\$117,000
Other Fees ⁽³⁾	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
Total Cash Sources	\$20,965,278	\$21,595,145	\$21,595,145	\$22,558,961	\$23,566,150	\$23,566,150
Cash Uses						
O&M	\$8,674,498	\$8,861,776	\$9,127,629	\$9,401,458	\$9,683,502	\$9,974,007
O&M Change from Improvements						
Net Before Debt Service	\$12,290,781	\$12,733,369	\$12,467,516	\$13,157,503	\$13,882,648	\$13,592,143
Debt Service						
Total Debt Service	\$9,779,169	\$9,796,968	\$9,796,241	\$9,788,361	\$9,786,684	\$9,780,979
Return Flow CWF Loans						
Net debt coverage on Revenue Bonds before cash financed projects and replacement fund	133%	138%	135%	143%	150%	147%
Net Cash Before Capital Projects	\$2,511,611	\$2,936,401	\$2,671,275	\$3,369,142	\$4,095,964	\$3,811,164
Cash Funded Projects	\$19,196,963	\$15,677,844	\$10,808,000	\$4,392,000	\$9,441,000	\$5,540,000
Addition to Replacement Fund	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000
Subdivider Fee Payment						
Net Cash Flow	(\$17,335,352)	(\$13,391,443)	(\$8,786,725)	(\$1,672,858)	(\$5,995,036)	(\$2,378,836)
Rate Increase	0.00%	4.51%	0.00%	4.50%	4.50%	0.00%
Customer Growth	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Wales Customers per year	0	0	0	0	0	0
Wales Cumulative Customers	60	60	60	60	60	60

Notes:
(1) Subtotal delinquent fees plus pre-treatment sampling fees.
(2) Estimate of investment income assuming assuming an interest rate of 1.5%.
(3) Other charges includes connection fees, impact fees and special assessments.
(4) Per the Financial Assistance Agreement for project 4062-04, the minimum required Equipment Replacement Fund balance is \$1,558,369.

City of Waukesha
Clean Water Utility Cash Flow and Rate Projections
Total Clean Water Utility

	Actual 2024	Budget 2025	Test Year 2026	2027	2028	2029	2030
Cash Sources							
User Rate Revenues (Non Return Flow Portion of Rates)		\$21,104,851	\$21,744,309	\$21,744,309	\$22,722,803	\$23,745,330	\$23,745,330
Allowance for the Unknowns		(\$316,573)	(\$326,165)	(\$326,165)	(\$340,842)	(\$356,180)	(\$356,180)
Return Flow User Rates ⁽⁴⁾		\$6,969,064	\$7,713,901	\$7,604,235	\$7,960,778	\$8,113,681	\$8,230,666
Other Income ⁽¹⁾		\$231,700	\$234,600	\$237,500	\$240,500	\$240,500	\$243,600
Investment Income on Unrestricted Cash ⁽²⁾		\$1,387,067	\$956,680	\$680,240	\$575,887	\$520,031	\$455,284
Other Fees ⁽³⁾		\$60,000	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
Total Cash Sources	\$31,028,571	\$29,436,109	\$30,383,325	\$30,000,120	\$31,219,127	\$32,323,361	\$32,378,700
Cash Uses							
O&M		\$8,674,498	\$8,861,776	\$9,127,629	\$9,401,458	\$9,683,502	\$9,974,007
O&M - Return Flow ⁽⁴⁾		\$925,000	\$950,000	\$978,500	\$1,007,900	\$1,038,100	\$1,069,200
Total O&M	\$8,020,298	\$9,599,498	\$9,811,776	\$10,106,129	\$10,409,358	\$10,721,602	\$11,043,207
Net Before Debt Service	\$23,008,273	\$19,836,611	\$20,571,549	\$19,893,991	\$20,809,769	\$21,601,760	\$21,335,493
Debt Service							
Total Debt Service (Non-Return Flow Portion of Utility)	\$9,536,636	\$9,779,169	\$9,796,968	\$9,796,241	\$9,788,361	\$9,786,684	\$9,780,979
Return Flow CWF Loans ⁽⁴⁾	\$5,332,976	\$5,278,773	\$5,318,016	\$5,532,338	\$5,531,749	\$5,531,148	\$5,530,537
Net debt coverage on All Revenue Bonds before cash financed projects and replacement fund	161%	137%	141%	135%	141%	146%	145%
Net Cash Before Capital Projects	\$8,138,661	\$4,778,669	\$5,456,566	\$4,565,412	\$5,489,658	\$6,283,928	\$6,023,977
Cash Funded Projects	\$13,933,804	\$20,496,963	\$16,677,844	\$10,808,000	\$4,392,000	\$9,441,000	\$5,540,000
Addition to Replacement Fund	\$250,000	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000
Net Cash Flow	(\$6,045,143)	(\$16,368,294)	(\$11,871,278)	(\$6,892,588)	\$447,658	(\$3,807,072)	(\$166,023)
Restricted Unrestricted Cash Balances (Total unrestricted cash plus debt service reserve)							
Beginning Year Balance		\$60,137,343	\$43,769,049	\$31,897,771	\$25,005,183	\$25,452,841	\$21,645,769
Net Additions		(\$16,368,294)	(\$11,871,278)	(\$6,892,588)	\$447,658	(\$3,807,072)	(\$166,023)
End of Year Balance	\$60,137,343	\$43,769,049	\$31,897,771	\$25,005,183	\$25,452,841	\$21,645,769	\$21,479,745
Minimum Recommended Reserve Level (Not including replacement fund balance. Minimum level is equal to 6 months operating plus one year of debt service payments)	\$14,869,612	\$19,395,191	\$19,545,872	\$19,892,393	\$20,020,840	\$20,159,583	\$20,298,519
				Difference	\$5,432,001	\$1,486,186	\$1,181,226
Replacement Fund Balances⁴							
Beginning Year Balance	\$3,609,634	\$3,616,426	\$3,968,892	\$4,006,462	\$3,945,659	\$3,909,132	\$4,156,675
Additions (User rates or transfer from unrestricted cash)	\$250,000	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000
Fund Expenditures	(\$297,000)	(\$354,000)	(\$671,800)	(\$770,000)	(\$745,000)	(\$462,500)	(\$300,000)
Interest Income ⁽²⁾	\$53,792	\$56,466	\$59,370	\$59,197	\$58,472	\$60,043	\$64,975
End Year Replacement Fund Balance	\$3,616,426	\$3,968,892	\$4,006,462	\$3,945,659	\$3,909,132	\$4,156,675	\$4,571,650
Customer Growth	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Wales Customers per year	0	0	0	0	0	0	0
Wales Cumulative Customers	60	60	60	60	60	60	60

Notes:
(1) Subtotal delinquent fees plus pre-treatment sampling fees.
(2) Estimate of investment income assuming assuming an interest rate of 3.0%.
(3) Other charges includes connection fees, impact fees and special assessments.
(4) All return flow figures were provided by City of Waukesha staff.

City of Waukesha

Department of Public Works

2026 Sewer Service Charge and Fee Schedule

Published pursuant to Waukesha Municipal Code §29.12

Inside Users	Rate	Notes
Fixed Charge – §29.12(c)(1).....	\$7.22	per month
Base Volumetric Rate – §29.12(c)(2).....	\$10.94	per 1000 gallons
Return Flow Volumetric Rate – §29.12(c)(2).....	\$4.83	per 1000 gallons
Class 2 Strength Surcharge Rates – §29.12(d)(3)		
Biochemical oxygen demand (BOD)	\$1.39	per pound in excess of 235 mg/l
Total suspended solids (TSS)	\$0.78	per pound in excess of 340 mg/l
Phosphorus	\$14.70	per pound in excess of 8 mg/l
Total Kjeldahl nitrogen (TKN)	\$2.31	per pound in excess of 30 mg/l
Unmetered Monthly Flat Charge – §29.12(b).....	\$109.44	per month
Unmetered Monthly Return Flow Flat Charge – §29.12(b).....	\$48.30	per month
Outside Users	Rate	Notes
Fixed Charge – §29.12(c)(1).....	\$7.22	per month
Base Volumetric Rate – §29.12(c)(2).....	\$14.64	per 1000 gallons
Return Flow Volumetric Rate – §29.12(c)(2).....	\$4.83	per 1000 gallons
Class 2 Strength Surcharge Rates – §29.12(d)(4)		
Biochemical oxygen demand (BOD)	\$1.98	per pound in excess of 235 mg/l
Total suspended solids (TSS)	\$1.11	per pound in excess of 340 mg/l
Phosphorus	\$20.98	per pound in excess of 8 mg/l
Total Kjeldahl nitrogen (TKN)	\$3.35	per pound in excess of 30 mg/l
Unmetered Monthly Flat Charge – §29.12(b).....	\$146.44	per month
Unmetered Monthly Return Flow Flat Charge – §29.12(b).....	\$48.30	per month
Hauled Waste Rates and Fees - §29.12(e)	Rate	Notes
Septic Rate	\$101.85	per 1000 gallons
Septic Return Flow Rate	\$4.83	per 1000 gallons
Holding Tank Rate.....	\$33.12	per 1000 gallons
Holding Tank Return Flow Rate.....	\$4.83	per 1000 gallons
Chemical Toilet Rate	\$245.19	per 1000 gallons
Chemical Toilet Return Flow Rate	\$4.83	per 1000 gallons
Hauled Waste Disposers Permit Fee	\$100.00	annual, per registered vehicle

**Common Council
of the
City of Waukesha, Wisconsin**

Resolution No. 2025-_____

Resolution Adopting 2026 Sanitary Sewer Service Charge and Fee Schedule

Whereas the Department of Public Works has determined a need to revise the charges imposed upon sewer service users under Municipal Code §29.12 in order to maintain the proportionality among user classes of the service charge system, and to ensure that adequate revenues are available for operation, maintenance, and replacement costs;

Now, therefore, be it resolved by the Common Council of the City of Waukesha that the attached 2026 Sewer Service Charge and Fee Schedule, maintaining the charges and fees set for 2025 pursuant to Municipal Code §29.12, is adopted, effective as of January 1, 2026.

This Resolution was passed and adopted by the Common Council of the City of Waukesha the _____ day of _____, 2025.

Shawn N. Reilly, Mayor

Katie Panella, City Clerk