



Summary of
FY 2025 & FY 2026
Biennial Budget
and
FY 2025 Schedule of Charges
As Proposed

February 9, 2024

February 9, 2024

Annually, in January, the Great Lakes Water Authority (GLWA) presents a proposed biennial budget and related schedule of charges for the upcoming fiscal year which begins on July 1, 2024. In addition, public hearings on the proposed budget and charges are scheduled for February each year. This year, the Public Hearings for the proposed FY 2025 and FY 2026 Biennial Budget and FY 2025 Water and Sewerage Service Charges are scheduled for the Board of Directors meeting at **2:00 p.m. on Wednesday, February 28, 2024**. This year's meeting can be attended in person or via **Zoom**. **The public call-in number is 877-853-5247 (US Toll-Free) or 888-788-0099 (US Toll-Free). The meeting ID is 854 8346 2197; the passcode is 349880. If you require accommodation due to a disability, please contact CEO@glwater.org or (844) 455-GLWA (4592) not less than 72 hours prior to the date of the meeting.** Additional information regarding this meeting can be found in the Public Hearing Notices contained within this document.

This hearing will provide GLWA an opportunity to present the Authority's budget which encompasses the Capital Improvement Program (CIP), estimated sales volume and other factors that serve as the basis for the proposed revenue requirements and schedule of charges for FY 2025. This hearing also provides an opportunity for the public and our member partners to comment or submit questions in writing related to the proposed charges. All comments or questions raised during the hearing will receive a written response. Please note that the proposed budget and charges are subject to change after the public hearing and subsequent deliberation and approval by the GLWA Board.

Our primary objective continues to be one of providing our member partners with wholesale water and wastewater services of unquestionable quality at fair and equitable charges. GLWA is committed to exceeding our member partners' expectations in the region. GLWA would like to remind our valued member partners of added services that we provide at no additional cost. These services include training programs and community education opportunities, local system water testing, the regional water quality monitoring program in partnership with USGS, and public communication materials related to topics such as the State of Michigan's Lead and Copper Rule and public education on the perils of "flushable" wipes. Contact outreach@glwater.org for more information on any of the above programs.

Comments or questions may be submitted in the following manner:

By E-Mail: You may provide written comments to the Board by emailing those comments to CEO@glwater.org on or before 3:00 p.m. on Tuesday, February 27, 2024. The opportunity to submit written comments by e-mail may remain open throughout the duration of the Public Hearing.

- For comments or questions regarding the proposed budget: You should reference “February 28, 2024 Public Hearing on proposed FY 2025 and FY 2026 biennial budget” in the subject line of the e-mail.
- For comments or questions regarding the proposed charges: You should reference “February 28, 2024 Public Hearing on service charges proposed for Fiscal Year 2025” in the subject line of the e-mail.

By U.S. Mail: You may provide written comments by United States mail addressed to Suzanne R. Coffey, P.E., Chief Executive Officer, Great Lakes Water Authority, 735 Randolph Detroit, Michigan, 48226. The opportunity to submit written comments by U.S. mail may remain open throughout the duration of the Public Hearing.

- For comments or questions regarding the proposed budget: You should reference “February 28, 2024 Public Hearing on proposed FY 2025 and FY 2026 biennial budget” in the letter.
- For comments or questions regarding the proposed charges: You should reference “February 28, 2024 Public Hearing on service charges proposed for Fiscal Year 2025” in the letter.

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**GREAT LAKES WATER AUTHORITY
NOTICE OF PUBLIC HEARING
PROPOSED BIENNIAL BUDGET
For the Two-Year Period ended June 30, 2026 (FY 2025 and FY 2026)**

Notice is hereby given that the Great Lakes Water Authority Board of Directors will hold a Public Hearing on the proposed FY 2025 and FY 2026 biennial budget.

DATE: Wednesday, February 28, 2024

TIME: 2:00 p.m.

**PLACE: In person, Zoom Videoconferencing, and Zoom
Telephonic Hearing**

In Person

Board Room, 5th Floor
735 Randolph Street
Detroit, Michigan 48226

Join Zoom Meeting

<https://glwater.zoom.us/j/85483462197?pwd=UUhpaFg2aTdoMkZHZDdQN051b01Qdz09>

Meeting ID: 854 8346 2197

Passcode: 349880

Join Zoom Telephonic

Public Call-In Number: 877 853 5247 US Toll-Free

or 888 788 0099 US Toll-Free

Meeting ID: 854 8346 2197

Passcode: 349880

The proposed biennial budget is scheduled to take effect on July 1, 2024.

The proposed biennial budget is available for public inspection online at <https://www.glwater.org/financials/>.

Individuals or groups wishing to make oral presentations or submit prepared statements pertaining to the proposed biennial budget may do so at the Public Hearing as outlined in this notice. Individuals or groups wishing to make oral presentations may appear in person or participate via the Zoom as indicated in this notice.



Individuals or groups giving oral presentations are encouraged to also submit their presentations in writing. Oral presentations should be brief to allow all parties the opportunity to participate. A three minute time limit will be observed.

The Public Hearing on the FY 2025 and FY 2026 biennial budget proposed by the Great Lakes Water Authority scheduled for February 28, 2024 at 2:00 p.m. will be held in person, through Zoom videoconferencing, and by telephone through Zoom's telephonic capabilities.

Members of the public may offer comment in the following manners:

In Person: Members of the public who, subject to capacity, wish to attend the meeting and/or offer public comment in person may attend the meeting in the Board Room, 5th Floor, 735 Randolph, Detroit, MI 48226.

By Zoom videoconferencing: Members of the public who wish to use Zoom videoconferencing to attend the meeting and/or offer public comment may utilize the following link to attend:

<https://glwater.zoom.us/j/85483462197?pwd=UUhpaFg2aTdoMkZHZDdQN051b01Qdz09>

During the portions of the hearing designated for public participation may "raise their hand" by using that feature within the software program.

By Telephone via Zoom: Members of the public who wish to attend the meeting and/or offer public comment by telephone should call in at the number indicated above, press *9 on their keypad to "raise their hand for public comment." During other portions of the meeting, members of the public are asked to mute their line by pressing *6 on their keypad to mute or unmute their line.

By E-Mail: Members of the public may provide written comments to the Board by emailing those comments to CEO@glwater.org on or before 3:00 p.m. on Tuesday, February 27, 2024 and should reference "February 28, 2024 Public Hearing on proposed FY 2025 and FY 2026 biennial budget" in the subject line of the e-mail. The opportunity to submit written comments by e-mail may remain open throughout the duration of the Public Hearing.

By U.S. Mail: members of the public may provide written comments by United States mail addressed to:

Suzanne R. Coffey P.E., Chief Executive Officer
Great Lakes Water Authority
735 Randolph
Detroit, Michigan, 48226



Written comments by U.S. mail should reference “February 28, 2024 Public Hearing on proposed FY 2025 and FY 2026 biennial budget” in the letter. The opportunity to submit written comments by U.S. mail may remain open throughout the duration of the Public Hearing.

If a member of the public requires accommodation due to a disability, please contact CEO@glwater.org or (844) 455-GLWA (4592) not less than 72 hours prior to the date of the meeting.



FY 2025 & FY 2026 Biennial Budget Summary
Proposed as of February 9, 2024

Schedule 1A – Water System Revenue Requirements Biennial Budget

	Current Year		Biennial Budget					
	FY 2024 Adopted Budget	FY 2024 Estimated Budget	FY 2025 Department Requested	FY 2025 Dollar Variance	FY 2025 Percent Variance	FY 2026 Department Requested	FY 2026 Dollar Variance	FY 2026 Percent Variance
Water System Revenue Requirement								
Revenues								
Revenues from Charges								
Suburban Wholesale Customers	\$340,540,600	\$336,540,600	\$347,758,000	\$ 7,217,400	2.1%	\$372,639,700	\$ 24,881,700	7.2%
Local System Charges	25,537,200	25,537,200	27,094,800	1,557,600	6.1%	30,730,900	3,636,100	13.4%
Total Revenue from Charges	366,077,800	362,077,800	374,852,800	8,775,000	2.4%	403,370,600	28,517,800	7.6%
Other Revenue	175,000	440,000	400,000	225,000	128.6%	400,000	-	0.0%
Investment Earnings								
Investment Earnings - Unrestricted	3,067,000	8,530,200	6,692,200	3,625,200	118.2%	7,606,400	914,200	13.7%
Investment Earnings - Restricted for Debt Service	994,700	3,531,500	3,182,100	2,187,400	219.9%	2,634,600	(547,500)	-17.2%
Total Investment Earnings	4,061,700	12,061,700	9,874,300	5,812,600	143.1%	10,241,000	366,700	3.7%
Total Revenues	\$370,314,500	\$374,579,500	\$385,127,100	\$ 14,812,600	4.0%	\$414,011,600	\$ 28,884,500	7.5%
Revenue Requirements								
Operations & Maintenance (O&M) Expense	\$152,906,400	\$163,100,500	\$169,625,000	\$ 16,718,600	10.9%	\$176,410,000	\$ 6,785,000	4.0%
Debt Service	159,482,800	162,634,000	175,300,800	15,818,000	9.9%	186,537,300	11,236,500	6.4%
General Retirement System Accelerated Pension	3,395,500	1,505,500	2,283,300	(1,112,200)	-32.8%	2,252,200	(31,100)	-1.4%
Water Residential Assistance Program Contribution	1,851,600	1,851,600	1,947,800	96,200	5.2%	2,070,100	122,300	6.3%
Regional System Lease	22,500,000	22,500,000	22,500,000	-	0.0%	22,500,000	-	0.0%
Receiving Fund Working Capital Requirement	-	-	6,200,000	6,200,000	0.0%	5,700,000	(500,000)	-8.1%
Improvement & Extension Fund Transfer Pending	30,178,200	22,987,900	7,270,200	(22,908,000)	-75.9%	18,542,000	11,271,800	155.0%
Annual Water System Revenue Requirements	\$370,314,500	\$374,579,500	\$385,127,100	\$ 14,812,600	4.0%	\$414,011,600	\$ 28,884,500	7.5%

Budget Adjustment	14,812,600	4.00%
Adjustment for proforma Charge Revenue and Non-Charge Revenue	(290,500)	
Charge Adjustment Attributable to Change in Annual Revenue Requirement as a % of Charge Revenue	14,522,100	4.00%
Charge Adjustment Attributable to Non-Charge Revenue (FY 2025 increase in Other Revenue & Total Investment Earnings)	(6,037,600)	-1.66%
Charge Adjustment Attributable to Sales Revenue (FY 2025 attributable to <u>decreased</u> projected Water Sales)	3,317,000	0.91%
Charge Adjustment (Based on Revenue Requirement Increase of 4.0%) (rounded)	11,801,500	3.25%



FY 2025 & FY 2026 Biennial Budget Summary
Proposed as of February 9, 2024

Schedule 1B – Sewer System Revenue Requirements Biennial Budget

	Current Year		Biennial Budget					
	FY 2024 Adopted Budget	FY 2024 Estimated Budget	FY 2025 Department Requested	FY 2025 Dollar Variance	FY 2025 Percent Variance	FY 2026 Department Requested	FY 2026 Dollar Variance	FY 2026 Percent Variance
Sewer System Revenue Requirement								
Revenues								
Revenues from Charges								
Suburban Wholesale Customers	\$282,687,600	\$282,687,600	\$287,517,600	\$ 4,830,000	1.7%	\$303,022,300	\$ 15,504,700	5.4%
Local System Charges	196,569,600	196,569,600	205,924,800	9,355,200	4.8%	217,550,100	11,625,300	5.6%
Industrial Waste Control Charges	8,584,200	8,584,200	8,719,300	135,100	1.6%	9,198,700	479,400	5.5%
Pollutant Surcharges	5,328,300	5,328,300	5,434,400	106,100	2.0%	5,733,200	298,800	5.5%
Total Revenue from Charges	493,169,700	493,169,700	507,596,100	14,426,400	2.9%	535,504,300	27,908,200	5.5%
Other Revenue	400,000	717,000	700,000	300,000	75.0%	700,000	-	0.0%
Investment Earnings								
Investment Earnings - Unrestricted	5,567,000	13,399,700	10,494,500	4,927,500	88.5%	11,616,400	1,121,900	10.7%
Investment Earnings - Restricted for Debt Service	1,490,300	2,657,600	1,861,500	371,200	24.9%	1,467,300	(394,200)	-21.2%
Total Investment Earnings	7,057,300	16,057,300	12,356,000	5,298,700	75.1%	13,083,700	727,700	5.9%
Total Revenues	\$500,627,000	\$509,944,000	\$520,652,100	\$ 20,025,100	4.0%	\$549,288,000	\$ 28,635,900	5.5%
Revenue Requirements								
Operations & Maintenance (O&M) Expense	\$205,643,700	\$220,128,400	\$228,934,000	\$ 23,290,300	11.3%	\$238,091,400	\$ 9,157,400	4.0%
Debt Service	228,328,300	231,781,500	226,279,400	(2,048,900)	-0.9%	226,618,700	339,300	0.1%
General Retirement System Accelerated Pension	6,479,300	3,096,800	4,846,300	(1,633,000)	-25.2%	4,776,300	(70,000)	-1.4%
Water Residential Assistance Program Contribution	2,503,100	2,503,100	2,651,700	148,600	5.9%	2,746,400	94,700	3.6%
Regional System Lease	27,500,000	27,500,000	27,500,000	-	0.0%	27,500,000	-	0.0%
Receiving Fund Working Capital Requirement	-	-	2,300,000	2,300,000	0.0%	3,700,000	1,400,000	60.9%
Improvement & Extension Fund Transfer Pending	30,172,600	24,934,200	28,140,700	(2,031,900)	-6.7%	45,855,200	17,714,500	62.9%
Annual Sewer System Revenue Requirements	\$500,627,000	\$509,944,000	\$520,652,100	\$ 20,025,100	4.0%	\$549,288,000	\$ 28,635,900	5.5%
Budget Adjustment				20,025,100	4.00%			
Adjustment for proforma Charge Revenue and Non-Charge Revenue				(312,900)				
Charge Adjustment Attributable to Change in Annual Revenue Requirement as a % of Charge Revenue				19,712,200	4.00%			
Charge Adjustment Attributable to Non-Charge Revenue (FY 2025 increase in Other Revenue & Total Investment Earnings)				(5,598,700)	-1.14%			
Charge Adjustment Attributable to Sales Revenue (FY 2025 attributable to decreased baseline revenues)				677,400	0.14%			
Charge Adjustment (Based on Revenue Requirement Increase of 4.0%) (rounded)				14,790,900	3.00%			



**Schedule 1C – Combined Water and Sewer System Revenue Requirements
Biennial Budget**

Combined Water & Sewer System Revenue Requirement	Current Year		Biennial Budget					
	FY 2024 Adopted Budget	FY 2024 Estimated Budget	FY 2025 Department Requested	FY 2025 Dollar Variance	FY 2025 Percent Variance	FY 2026 Department Requested	FY 2026 Dollar Variance	FY 2026 Percent Variance
Revenues								
Revenues from Charges								
Suburban Wholesale Customers	\$623,228,200	\$619,228,200	\$635,275,600	\$ 12,047,400	1.9%	\$675,662,000	\$ 40,386,400	6.4%
Local System Charges	222,106,800	222,106,800	233,019,600	10,912,800	4.9%	248,281,000	15,261,400	6.5%
Industrial Waste Control Charges	8,584,200	8,584,200	8,719,300	135,100	1.6%	9,198,700	479,400	5.5%
Pollutant Surcharges	5,328,300	5,328,300	5,434,400	106,100	2.0%	5,733,200	298,800	5.5%
Total Revenue from Charges	859,247,500	855,247,500	882,448,900	23,201,400	2.7%	938,874,900	56,426,000	6.4%
Other Revenue	575,000	1,157,000	1,100,000	525,000	91.3%	1,100,000	-	0.0%
Investment Earnings								
Investment Earnings - Unrestricted	8,634,000	21,929,900	17,186,700	8,552,700	99.1%	19,222,800	2,036,100	11.8%
Investment Earnings - Restricted for Debt Service	2,485,000	6,189,100	5,043,600	2,558,600	103.0%	4,101,900	(941,700)	-18.7%
Total Investment Earnings	11,119,000	28,119,000	22,230,300	11,111,300	99.9%	23,324,700	1,094,400	4.9%
Total Revenues	\$870,941,500	\$884,523,500	\$905,779,200	\$ 34,837,700	4.0%	\$963,299,600	\$ 57,520,400	6.4%
Revenue Requirements								
Operations & Maintenance (O&M) Expense	\$358,550,100	\$383,228,900	\$398,559,000	\$ 40,008,900	11.2%	\$414,501,400	\$ 15,942,400	4.0%
Debt Service	387,811,100	394,415,500	401,580,200	13,769,100	3.6%	413,156,000	11,575,800	2.9%
General Retirement System Accelerated Pension	9,874,800	4,602,300	7,129,600	(2,745,200)	-27.8%	7,028,500	(101,100)	-1.4%
Water Residential Assistance Program Contribution	4,354,700	4,354,700	4,599,500	244,800	5.6%	4,816,500	217,000	4.7%
Regional System Lease	50,000,000	50,000,000	50,000,000	-	0.0%	50,000,000	-	0.0%
Receiving Fund Working Capital Requirement	-	-	8,500,000	8,500,000	0.0%	9,400,000	900,000	10.6%
Improvement & Extension Fund Transfer Pending	60,350,800	47,922,100	35,410,900	(24,939,900)	-41.3%	64,397,200	28,986,300	81.9%
Annual Revenue Requirements	\$870,941,500	\$884,523,500	\$905,779,200	\$ 34,837,700	4.0%	\$963,299,600	\$ 57,520,400	6.4%

The following schedule has not been included for purposes of this presentation.

**Schedule 3 – Sources of Revenues and Use of Revenues – Flow of Funds
Basis Consistent with the Master Bond Ordinance**



Schedule 4 – Debt Service Coverage Calculations Consistent with the Master Bond Ordinance

Debt Service Coverage Calculation	FY 2025			FY 2026		
	Water Fund Requested	Sewer Fund Requested	FY 2025 Combined (Informational Only)	Water Fund Requested	Sewer Fund Requested	FY 2026 Combined (Informational Only)
Revenues						
1 Regional System Wholesale Revenues	\$ 374,852,800	\$ 507,596,100	\$ 882,448,900	\$ 403,370,600	\$ 535,504,300	\$ 938,874,900
2 Local System Revenues	91,543,300	82,938,500	174,481,800	94,443,100	86,858,700	181,301,800
3 Miscellaneous Revenue (Local System)	4,336,300	8,755,000	13,091,300	4,466,400	9,017,700	13,484,100
4 Other Revenues & Investment Earnings (Regional System)	10,274,300	13,056,000	23,330,300	10,641,000	13,783,700	24,424,700
5 Total Revenues	\$ 481,006,700	\$ 612,345,600	\$ 1,093,352,300	\$ 512,921,100	\$ 645,164,400	\$ 1,158,085,500
Revenue Requirements						
Operations & Maintenance Expense						
6 Regional System Wholesale Expenses	\$ 169,625,000	\$ 228,934,000	\$ 398,559,000	\$ 176,410,000	\$ 238,091,400	\$ 414,501,400
7 Local System Expenses	46,614,900	57,986,800	104,601,700	48,013,300	59,726,400	107,739,700
8 GRS Pension allocable to Regional System	-	-	-	-	-	-
9 GRS Pension allocable to Local System	-	-	-	-	-	-
10 Total Operations & Maintenance Expense	216,239,900	286,920,800	503,160,700	224,423,300	297,817,800	522,241,100
11 Net Revenues after Operations & Maintenance Expense	\$ 264,766,800	\$ 325,424,800	\$ 590,191,600	\$ 288,497,800	\$ 347,346,600	\$ 635,844,400
Debt Service by Lien						
12 Senior Lien Bonds	\$ 151,609,800	\$ 157,316,400	\$ 308,926,200	\$ 162,333,800	\$ 159,791,300	\$ 322,125,100
13 Second Lien Bonds	51,930,500	53,776,500	105,707,000	51,931,700	56,906,700	108,838,400
14 SRF Junior Lien Bonds	18,368,100	47,436,600	65,804,700	20,221,900	42,179,000	62,400,900
15 Total Debt Service	\$ 221,908,400	\$ 258,529,500	\$ 480,437,900	\$ 234,487,400	\$ 258,877,000	\$ 493,364,400
Debt Service Coverage						
16 Senior Lien Bonds (11)/(12)	1.75	2.07		1.78	2.17	
17 Second Lien Bonds (11) / [(12)+(13)]	1.30	1.54		1.35	1.60	
18 SRF Junior Lien Bonds (11) / (15)	1.19	1.26		1.23	1.34	

****Rows highlighted in light grey in the above table are designed to align with the Local System information provided from Detroit Water & Sewerage Department (DWSD) as of December 15, 2023**



Schedule 5A – Water Capital Financing Plan

Water Improvement & Extension Fund

	Current Year		Biennial Budget	
	FY 2024 Adopted Budget	FY 2024 Estimated Budget	FY 2025 Department Requested	FY 2026 Department Requested
Water Improvement & Extension Fund Inflows & Outflows				
Inflows				
Transfers In from Water Operations Fund				
Revenue transfers	\$ 30,178,200	\$ 22,987,900	\$ 7,270,200	\$ 18,542,000
Earnings on Investments	1,694,800	2,195,200	938,700	2,981,700
Net Use of Reserves	(10,926,100)	(4,402,100)	18,257,600	(3,562,900)
Total Revenues	\$ 20,946,900	\$ 20,781,000	\$ 26,466,500	\$ 17,960,800
Outflows				
Investment Earnings Transfers Out	\$ 1,694,800	\$ 2,195,200	\$ 938,700	\$ 2,981,700
Capital Outlay	11,539,100	8,085,800	10,527,800	11,979,100
Revenue Financed Capital - Transfer to Construction Fund	7,713,000	10,500,000	15,000,000	3,000,000
Total Expenditures	\$ 20,946,900	\$ 20,781,000	\$ 26,466,500	\$ 17,960,800

Water Construction Fund

	Current Year		Biennial Budget	
	FY 2024 Adopted Budget	FY 2024 Estimated Budget	FY 2025 Department Requested	FY 2026 Department Requested
Water Construction Fund Inflows & Outflows				
Inflows				
Transfers in from Water Improvement & Extension Fund	\$ 7,713,000	\$ 10,500,000	\$ 15,000,000	\$ 3,000,000
Bond Proceeds	-	150,000,000	271,562,500	-
SRF Loans	97,102,000	62,307,000	30,800,000	14,230,000
Investment Earnings	1,864,700	4,603,500	7,953,300	4,446,300
Net Use of Reserves	132,580,300	(17,410,500)	(115,315,800)	188,323,700
Total Revenues	\$ 239,260,000	\$ 210,000,000	\$ 210,000,000	\$ 210,000,000
Outflows				
Capital Improvement Plan	\$ 239,260,000	\$ 210,000,000	\$ 210,000,000	\$ 210,000,000
Total Expenditures	\$ 239,260,000	\$ 210,000,000	\$ 210,000,000	\$ 210,000,000



Schedule 5B – Sewer Capital Financing Plan

Sewer Improvement & Extension Fund

	Current Year		Biennial Budget	
	FY 2024 Adopted Budget	FY 2024 Estimated Budget	FY 2025 Department Requested	FY 2026 Department Requested
Sewer Improvement & Extension Fund Inflows & Outflows				
Inflows				
Transfers In from Sewer Operations Fund				
Revenue transfers	\$ 30,172,600	\$ 24,934,200	\$ 28,140,700	\$ 45,855,200
Earnings on Investments	2,133,000	2,195,200	1,076,000	2,990,100
Net Use of Reserves	(15,202,100)	(13,441,600)	(10,569,400)	(8,623,000)
Total Revenues	\$ 17,103,500	\$ 13,687,800	\$ 18,647,300	\$ 40,222,300
Outflows				
Investment Earnings Transfers Out	\$ 2,133,000	\$ 2,195,200	\$ 1,076,000	\$ 2,990,100
Capital Outlay	14,970,500	11,492,600	12,071,300	7,732,200
Revenue Financed Capital - Transfer to Construction Fund	-	-	5,500,000	29,500,000
Total Expenditures	\$ 17,103,500	\$ 13,687,800	\$ 18,647,300	\$ 40,222,300

Sewer Construction Fund

	Current Year		Biennial Budget	
	FY 2024 Adopted Budget	FY 2024 Estimated Budget	FY 2025 Department Requested	FY 2026 Department Requested
Sewer Construction Fund Inflows & Outflows				
Inflows				
Transfers from Sewer Improvement & Extension Fund	\$ -	\$ -	\$ 5,500,000	\$ 29,500,000
Bond Proceeds	-	100,000,000	-	-
SRF Loans	47,253,000	49,425,000	96,852,000	120,693,000
Investment Earnings	2,365,600	6,080,600	2,359,000	-
Net Use of Reserves	149,442,400	4,494,400	65,289,000	64,807,000
Total Revenues	\$ 199,061,000	\$ 160,000,000	\$ 170,000,000	\$ 215,000,000
Outflows				
Capital Improvement Plan	\$ 199,061,000	\$ 160,000,000	\$ 170,000,000	\$ 215,000,000
Total Expenditures	\$ 199,061,000	\$ 160,000,000	\$ 170,000,000	\$ 215,000,000

The GLWA operations and maintenance budget accounts for 44% of the total revenue requirement budget for establishing the annual charges for services. Given the magnitude of this charge component, additional information may be of interest to stakeholders.

The remaining 56% of the FY 2025 budget of \$906 million represents financing and legal commitments: debt payments (44%), lease payments (6%), Water Residential Assistance Program (WRAP) (0.5%), legacy pension liabilities (1%) and capital program funding (4%).

For the proposed budget, Operations & Maintenance (O&M) expenses \$399 million of the total budget for FY 2025. Compared to FY 2024, this is an increase of 11.2%.

Staffing & Personnel The staffing plan is at 1,356 (increase of 38), with Full-time Equivalents (FTE) at 1,203 (increase of 50). The increase in FTEs beyond the number of new positions reflects budgeting at a fractional percentage when a position has not been filled.

Water Operations – increase of \$11.9 million Driven by personnel (\$2.4 million) due to the filling of key positions (Water Engineering Life Cycle Project Managers, Water Quality Investigators, and apprentices within several Water Treatment Plants), there is an increase of nine FTEs. Other increases include electrical costs for Treatment Plant and Pump Stations (\$4.9 million); Supplies & Other (\$0.8 million); Contractual Services due to Mobile Dredging activities (\$0.9 million); Chemicals (\$1.3 million); All other categories decreased (\$0.2 million). Unallocated reserves increased (\$1.8 million) to accommodate for inflationary factors.

Wastewater Operations – increase of \$14.3 million Driven by contractual operating services (\$3.3 million) for a facilities maintenance contract and for residual solids disposal; chemicals (\$3.1 million based on price adjustments for chlorine-based products); utility costs (\$2.4 million); supplies & other (\$2.0 million) for reliability maintenance activities. An increase in personnel costs (\$2.7 million) for 11 new positions to insource capital program engineering services (six positions) and for the inclusion sewage conveyance and sewage pumping stations (five positions); unallocated reserve increased (\$1.2 million); offset by a decrease in other items (\$0.4 million).

Centralized Services¹ – increase \$10.1 million This is mainly driven by technology initiatives for new cloud-based Enterprise Resource Planning (ERP) and Enterprise Asset Management (EAM) system implementation costs (\$7.0 million). Systems Control increases include the Emerson Process Management contract (\$2.3 million). The Capital Planning group budget increased to build the Prism Portal and to increase staffing to replace work currently performed by outside vendors (\$0.6 million). Net other general categories increase of (\$0.2 million).

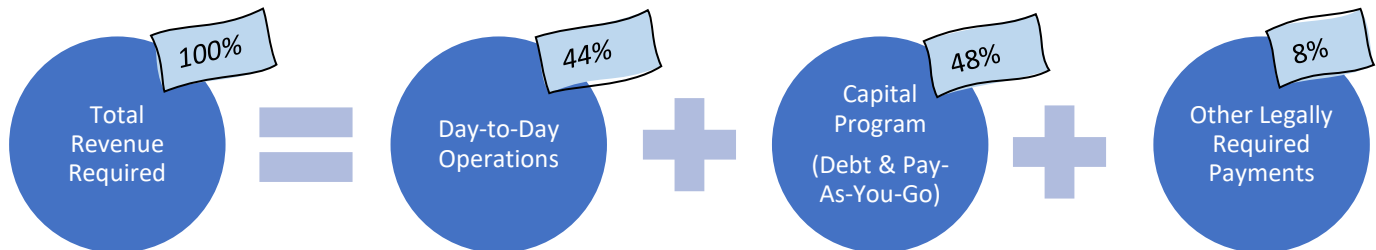
Administrative Services² – increase of \$3.7 million Increases in several areas including: Organizational Development due to training program costs (\$0.3 million); increased insurance premiums (\$2.0 million); CFO Services (\$0.7 million), and other general categories (\$0.7 million).

Questions? Contact the Office of the Chief Financial Officer at cf@glwater.org

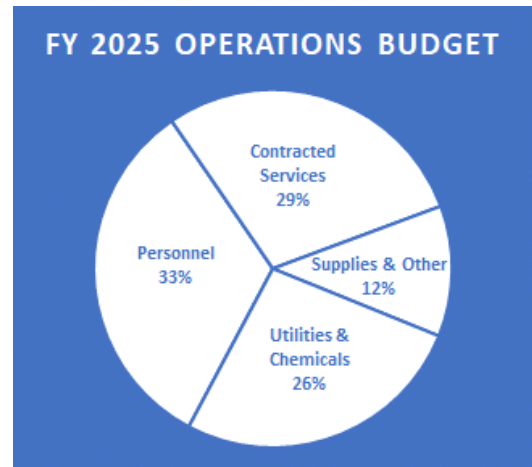
¹ Includes the System Resiliency, Planning Services, Systems Control; Facility and Fleet Operations; Field Service Operations; Energy, Research & Innovation; Transformation; Information Technology; and Security & Integrity/HazMat.

² Includes the Board of Directors, Chief Executive Officer, Chief Administrative & Compliance Officer (includes Risk Management & Safety), General Counsel, Public Affairs, Organizational Development, and Financial Services.

The total budget for a water utility, like the Great Lakes Water Authority (GLWA), is referred to as the “*revenue requirement.*” It tells us *how much revenue / cash is required* to operate and maintain the systems for a given year. The total revenue requirement increased by \$35 million or 4 percent for FY 2025. Three major categories makeup the total revenue requirement of \$906 million.



Day-to-Day Operations includes the personnel, specialty contractual services, utilities, chemicals, and supplies to operate five water treatment plants, the largest single-site water resource recovery facility in North America and all of the systems, processes, and controls to manage the vast regional network. The total proposed FY 2025 Operations & Maintenance Budget is \$399 million, up \$40 million over the previous year. This increase is driven by the economic impact/cost pressure on utilities, chemicals, contractual provisions, as well as filling many vacant positions.



Capital Program costs include making payments on bonded debt, balanced with cash funding, to prevent the utility from maxing out its borrowing capability for future generations. Because many of our assets are underground, it is hard to envision the scope of all capital needs. For perspective, consider that there are 797 miles of transmission main that move treated drinking water from five water treatment plants to the local systems’ distribution network and there are also 207 miles of trunk sewers and interceptors that return wastewater to the water resource recovery facility. The combined total of 1,004 miles equals the driving distance from Detroit to Jacksonville, Florida. Multiple years of significant cost increases in operating and construction costs have constrained funding for capital projects. In order to balance the budget, fewer funds are available annually for debt payments and pay-as-you-go cash funding. As a result, the FY 2025 Capital Program related revenue requirement is \$437 million, a decrease of \$11 million.

Other Legally Required costs of \$70 million include a \$50 million lease payment to the City of Detroit Water & Sewerage Department (DWSD) (restricted for DWSD for capital program needs), legacy pension commitments to the City of Detroit’s General Retirement System, a half of one percent of revenues for the Water Residential Assistant Program (WRAP), and a working capital reserve. The total net increase of \$6 million is largely driven by the increased reserve needs.

Revenue Required from charges is less than the total 4 percent as noted in the introduction. Controlling the system-wide increases to 3.25 percent for water and 3 percent for sewer is achieved with offsetting resources such as investment income.

Questions? Contact the Office of the Chief Financial Officer at cfo@glwater.org



**GREAT LAKES WATER AUTHORITY
NOTICE OF PUBLIC HEARING
PROPOSED FY 2025 WATER SUPPLY AND SEWAGE DISPOSAL
SYSTEM SERVICE CHARGES**

Notice is hereby given that the Great Lakes Water Authority Board of Directors will hold a Public Hearing on the Water Supply and Sewage Disposal System service charges proposed by the Great Lakes Water Authority for Fiscal Year 2025.

DATE: Wednesday, February 28, 2024

TIME: 2:00 p.m.

**PLACE: In person, Zoom Videoconferencing, and Zoom
Telephonic Hearing**

In Person

Board Room, 5th Floor
735 Randolph Street
Detroit, Michigan 48226

Join Zoom Meeting

<https://glwater.zoom.us/j/85483462197?pwd=UUhpaFg2aTdoMkZHZDdQN051b01Qdz09>

Meeting ID: 854 8346 2197

Passcode: 349880

Join Zoom Telephonic

Public Call-In Number: 877 853 5247 US Toll-Free

or 888 788 0099 US Toll-Free

Meeting ID: 854 8346 2197

Passcode: 349880

The proposed service charges are scheduled to take effect on July 1, 2024.

The proposed schedule of charges is available for public inspection online at <https://www.glwater.org/financials/>.

Individuals or groups wishing to make oral presentations or submit prepared statements pertaining to the proposed service charges may do so at the Public Hearing as outlined in this notice. Individuals or groups wishing to make oral presentations may appear in person or participate via the Zoom as indicated in this notice.



Individuals or groups giving oral presentations are encouraged to also submit their presentations in writing. Oral presentations should be brief to allow all parties the opportunity to participate. A three minute time limit will be observed.

The Public Hearing on the FY 2025 Water Supply and Sewage Disposal System service charges proposed by the Great Lakes Water Authority scheduled for February 28, 2024 at 2:00 p.m. will be held in person, through Zoom videoconferencing, and by telephone through Zoom's telephonic capabilities.

Members of the public may offer comment in the following manners:

In Person: Members of the public who, subject to capacity, wish to attend the meeting and/or offer public comment in person may attend the meeting in the Board Room, 5th Floor, 735 Randolph, Detroit, MI 48226.

By Zoom videoconferencing: Members of the public who wish to use Zoom videoconferencing to attend the meeting and/or offer public comment may utilize the following link to attend:

<https://glwater.zoom.us/j/85483462197?pwd=UUhpaFg2aTdoMkZHZDdQN051b01Qdz09>

During the portions of the hearing designated for public participation may "raise their hand" by using that feature within the software program.

By Telephone via Zoom: Members of the public who wish to attend the meeting and/or offer public comment by telephone should call in at the number indicated above, press *9 on their keypad to "raise their hand for public comment." During other portions of the meeting, members of the public are asked to mute their line by pressing *6 on their keypad to mute or unmute their line.

By E-Mail: Members of the public may provide written comments to the Board by emailing those comments to CEO@glwater.org on or before 3:00 p.m. on Tuesday, February 27, 2024 and should reference "February 28, 2024 Public Hearing on service charges proposed for Fiscal Year 2025" in the subject line of the e-mail. The opportunity to submit written comments by e-mail may remain open throughout the duration of the Public Hearing.

By U.S. Mail: members of the public may provide written comments by United States mail addressed to:

Suzanne R. Coffey P.E., Chief Executive Officer
Great Lakes Water Authority
735 Randolph
Detroit, Michigan, 48226



Written comments by U.S. mail should reference “February 28, 2024 Public Hearing on service charges proposed for Fiscal Year 2025” in the letter. The opportunity to submit written comments by U.S. mail may remain open throughout the duration of the Public Hearing.

If a member of the public requires accommodation due to a disability, please contact CEO@glwater.org or (844) 455-GLWA (4592) not less than 72 hours prior to the date of the meeting.



FY 2025 Water & Sewer Service Charges
Proposed as of February 9, 2024

Great Lakes Water Authority
Proposed FY 2025 Water Supply System Service Charges and Allocated Revenue Requirements
Proposed Effective Date: July 1, 2024

Line No.	Member Partner	Contract	Fixed Monthly	Commodity	Projected
			Charge (a)	Charge (a)	Revenue from Charges
			\$/mo	\$/Mcf	\$
1	Allen Park	Model	134,600	9.22	2,691,200
2	Almont Village	Model	13,600	12.04	271,600
3	Ash Township	Model	48,100	9.95	962,300
4	Belleville	Model	18,300	10.47	365,100
5	Berlin Township	Model	40,400	11.90	807,300
6	Brownstown Township	Model	215,700	12.41	4,314,600
7	Bruce Township	Model	18,100	47.00	361,500
8	Burtchville Township	Model	22,500	19.87	450,800
9	Canton Township	Model	595,700	12.71	11,914,700
10	Center Line	Model	27,900	6.94	558,300
11	Chesterfield Township	Model	252,400	11.20	5,048,200
12	Clinton Township	Model	437,400	9.09	8,748,500
13	Commerce Township	Model	198,300	15.25	3,967,100
14	Dearborn	No Contract	559,500	8.28	11,191,800
15	Dearborn Heights	Model	217,000	8.88	4,341,800
16	Eastpointe	Model	93,200	7.26	1,864,700
17	Ecorse	Model	65,400	6.39	1,306,900
18	Farmington	Model	57,100	10.34	1,141,200
19	Farmington Hills	Model	514,900	11.76	10,299,500
20	Ferndale	Model	61,400	7.62	1,228,300
21	Flat Rock	Model	81,500	12.82	1,629,300
22	Flint (b)	Model	28,000	11.21	11,645,600
23	Fraser	Model	72,700	10.30	1,454,400
24	Garden City	Model	98,300	10.80	1,965,800
25	Gibraltar	Model	19,600	9.77	392,500
26	Greenwood Township (DTE)	Model	70,200	21.55	1,404,900
27	Grosse Ile Township	Model	67,700	12.97	1,353,200
28	Grosse Pt. Park	Model	77,400	11.75	1,548,000
29	Grosse Pt. Shores	Model	35,300	14.89	705,000
30	Grosse Pt. Woods	Model	75,100	8.83	1,502,500
31	Hamtramck	Model	48,000	6.18	959,200
32	Harper Woods	Model	51,500	7.66	1,030,100
33	Harrison Township	Model	97,400	7.98	1,948,400
34	Hazel Park	Model	44,000	7.33	879,100
35	Highland Park	No Contract	49,100	5.09	982,100
36	Huron Township	Model	88,400	10.78	1,768,000
37	Imlay City	Model	87,300	14.82	1,745,600
38	Imlay Townships (Single User)	No Contract	600	450.00	11,700
39	Inkster	Model	76,600	6.08	1,532,100
40	Keego Harbor	Model	17,400	14.30	348,900
41	Lapeer	Model	91,100	13.24	1,821,400
42	Lenox Township	Model	18,100	9.79	362,100
43	Lincoln Park	Model	133,400	6.21	2,666,400
44	Livonia	Model	674,500	11.89	13,489,700
45	Macomb Township	Model	715,200	17.35	14,306,200
46	Madison Heights	Model	121,900	7.81	2,437,500
47	Mayfield Township (KAMAX)	Model	2,900	45.69	58,100
48	Melvindale	Model	38,200	6.72	763,500
49	New Haven, Village of	Model	25,300	10.46	506,500
50	NOCWA	Model	1,284,700	11.82	25,697,400



FY 2025 Water & Sewer Service Charges
Proposed as of February 9, 2024

Great Lakes Water Authority
Proposed FY 2025 Water Supply System Service Charges and Allocated Revenue Requirements
Proposed Effective Date: July 1, 2024

Line No.	Member Partner	Contract	Fixed Monthly Charge (a)	Commodity Charge (a)	Projected Revenue from Charges
			\$/mo	\$/Mcf	\$
51	Northville	Model	45,300	12.07	906,900
52	Northville Township	Model	316,100	18.70	6,321,400
53	Novi	Model	532,100	14.26	10,643,200
54	Oak Park	Model	81,700	7.27	1,634,700
55	Oakland GWK Drain District	Model	5,300	4.57	105,600
56	Plymouth	Model	64,200	11.58	1,283,400
57	Plymouth Township	Model	260,800	13.33	5,215,700
58	Redford Township	Model	173,000	8.94	3,459,900
59	River Rouge	Model	29,800	6.38	595,600
60	Riverview	Model	51,100	8.86	1,022,500
61	Rockwood	Model	14,500	12.17	289,600
62	Romeo	Model	10,300	26.58	206,000
63	Romulus	Model	216,700	8.41	4,334,500
64	Roseville	Model	150,400	7.00	3,009,500
65	Royal Oak Township	Model	12,200	9.57	243,100
66	Shelby Township	Model	651,700	12.57	13,033,200
67	SOCWA	Model	1,376,500	8.92	27,527,100
68	South Rockwood	Model	6,900	11.52	138,100
69	Southgate	Model	120,600	8.47	2,411,900
70	St. Clair Shores	Model	182,900	7.34	3,656,900
71	Sterling Heights	Model	863,600	11.76	17,269,800
72	Sumpter Township	Model	41,900	9.91	838,700
73	Sylvan Lake	Model	13,700	16.22	273,100
74	Taylor	Model	267,600	8.10	5,352,000
75	Trenton	Model	103,400	9.96	2,067,500
76	Troy	Model	796,200	14.64	15,924,300
77	Utica	Model	34,300	11.59	685,100
78	Van Buren Township	Model	200,800	12.15	4,015,800
79	Walled Lake	Model	46,300	12.76	925,600
80	Warren	Model	559,600	7.19	11,193,900
81	Washington Township	Model	136,700	12.69	2,733,000
82	Wayne	Model	104,700	8.24	2,094,400
83	West Bloomfield Township	Model	619,900	17.84	12,396,500
84	Westland	Model	356,000	8.90	7,119,100
85	Wixom	Model	144,000	15.09	2,879,400
86	Woodhaven	Model	86,100	12.16	1,722,700
87	Ypsilanti Comm Util Auth	Model	606,400	9.94	12,129,500
88	Total Wholesale Contract Member Partners				354,409,800
89	Adjustment to Flint Revenue Requirement for KWA Debt Service (b)				(6,651,800)
90	Revenue from Wholesale Charges (agrees with "GLWA Budget Schedule 3")				347,758,000



Great Lakes Water Authority
Proposed FY 2025 Water Supply System Service Charges and Allocated Revenue Requirements
Proposed Effective Date: July 1, 2024

Line No.		Projected Revenue from Charges
		\$
	Detroit Customer Class - \$	
91	Wholesale Revenue Requirement (c)	47,794,800
92	less: Ownership Benefit per Lease	(20,700,000)
93	Net Wholesale Revenue Requirement	27,094,800
94	Indirect Retail Revenue Requirements (d)	49,108,500
95	less: Use of Lease Payment for Debt Service	0
96	Net Indirect Retail Revenue Requirements (d)	49,108,500
97	Subtotal Subject to GLWA Board Approval (93) + (96)	76,203,300
98	Direct Retail Revenue Requirements (e)	46,771,100
99	Total Local System Revenue Requirement (96) + (98)	95,879,600
100	Total Requirement from Detroit Customer Class (agrees with "GLWA Budget Schedule 3")	122,974,400
101	Lead and Copper Rule Sample Testing Fee - \$/Sample	60.00
(a)	<i>Proposed effective date of July 1, 2024. Effective on all bills issued on or after August 1, 2024.</i>	
(b)	<i>Net fixed monthly charge will include \$554,300 monthly credits for KWA debt service.</i>	
(c)	<i>Wholesale revenue requirements for the Detroit Customer Class.</i>	
(d)	<i>Local System revenue requirements related to Master Bond Ordinance (local debt service, etc.)</i>	
(e)	<i>Local System operating expenses (net of shared services reimbursement) and I&E deposit. Not Subject to GLWA Board approval.</i>	
(d)&(e)	<i>Local System information provided from Detroit Water & Sewerage Department as of December 15, 2023.</i>	



FY 2025 Water & Sewer Service Charges
Proposed as of February 9, 2024

Great Lakes Water Authority
Proposed FY 2025 Sewage Disposal System Service Charges and Allocated Revenue Requirements
Proposed Effective Date: July 1, 2024

Line No.	<u>Suburban Wholesale</u>	<u>Contract</u>	<u>Fixed Monthly Charge</u> \$/mo	<u>Projected Revenue from Charges</u> \$
1	OMID	Model	6,242,500	74,910,000
2	Rouge Valley	Older	4,820,700	57,848,400
3	Oakland GWK	Older	4,025,800	48,309,600
4	Evergreen Farmington	Model	3,159,400	37,912,800
5	SE Macomb San Dist	Model	2,175,000	26,100,000
6	Dearborn	Model	1,791,400	21,496,800
7	Grosse Pointe Farms	Older	232,500	2,790,000
8	Grosse Pointe Park	Model	165,900	1,990,800
9	Melvindale	Model	137,100	1,645,200
10	Farmington	Model	104,500	1,254,000
11	Center Line	Model	91,500	1,098,000
12	Allen Park	Model	73,600	883,200
13	Grosse Pointe	Model	102,200	1,226,400
14	Highland Park	Older	415,100	4,981,200
15	Hamtramck	Model	374,800	4,497,600
16	Harper Woods	Model	14,200	170,400
17	Redford Township	Model	29,400	352,800
18	Wayne County #3	Older	4,200	50,400
19	Subtotal "Regional Wholesale Revenues from Charges"			287,517,600
20	Industrial Specific Revenues			14,153,700
21	Subtotal "Regional Wholesale Revenues from Charges" (a)			301,671,300
<i>* Wholesale charges will be effective July 1, 2024</i>				
Detroit Customer Class - \$				
22	Wholesale Revenue Requirement (c)			211,440,800
23	less: Ownership Benefit per Lease			(5,516,000)
24	Net Wholesale Revenue Requirement			205,924,800
25	Indirect Retail Revenue Requirements (d)			34,873,500
26	less: Use of Lease Payment for Debt Service			(1,166,800)
27	Net Indirect Retail Revenue Requirements (d)			33,706,700
28	Subtotal Subject to GLWA Board Approval (24) + (27)			239,631,500
29	Direct Retail Revenue Requirements (e)			57,986,800
30	Total Local System Revenue Requirement (27) + (29)			91,693,500
31	Total Requirement from Detroit Customer Class (a)			297,618,300
(a) Agrees with "GLWA Budget Schedule 3"				
(b) Reserved				
(c) Wholesale revenue requirements for the Detroit Customer Class.				
(d) Local System revenue requirements related to Master Bond Ordinance (local debt service, etc.)				
(e) Local System operating expenses (net of shared services reimbursement) and I&E deposit . Not Subject to GLWA Board approval.				
(d)&(e) Local System information provided from Detroit Water & Sewerage Department as of December 15, 2023.				



**Great Lakes Water Authority
Proposed FY 2025 Sewage Disposal System
Industrial Specific Retail Charges
Proposed Effective Date: July 1, 2024**

Industrial Waste Control Charges		
Meter Size	Full Charge	Admin Only Charge
inches	\$/mo	\$/mo
5/8	3.72	0.93
3/4	5.58	1.40
1	9.30	2.33
1-1/2	20.46	5.12
2	29.76	7.44
3	53.94	13.49
4	74.40	18.60
6	111.60	27.90
8	186.00	46.50
10	260.40	65.10
12	297.60	74.40
14	372.00	93.00
16	446.40	111.60
18	520.80	130.20
20	595.20	148.80
24	669.60	167.40
30	744.00	186.00
36	818.40	204.60
48	892.80	223.20

Pollutant Surcharges	
Pollutant	Charge
	\$/lb
BIOCHEMICAL OXYGEN DEMAND (BOD) for concentrations > 275 mg/l	0.392
TOTAL SUSPENDED SOLIDS (TSS) for concentrations > 350 mg/l	0.525
PHOSPHORUS (P) for concentrations > 12 mg/l	7.571
FATS, OIL AND GREASE (FOG) for concentrations > 100 mg/l	0.125
SEPTAGE DISPOSAL FEE Per 500 gallons of disposal	38.00



FY 2025 Service Charges Highlights

Preliminary proposed Water and Service Charges for FY 2025 have been presented to the GLWA Audit Committee. This is the first step in a review process that will include a Public Hearing before the GLWA Board of Directors on February 28, 2024.

Charges are Based on Four Key Elements.

1) Budget: The daily costs to provide service (such as the people, utilities, chemicals, contractors, and materials to operate plants and maintain the pipes), the lease payment for the regional system, Water Residential Assistance Program (WRAP) funding, debt service, legacy pension, and capital project funding. The budget is also known as the “revenue requirement” as it defines the amount of revenue required to run the utility.

2) Capital Improvement Plan (CIP): Annually the GLWA’s engineers evaluate the physical improvement needs of the regional systems. Those needs are funded by a combination of cash on hand and debt.

3) Units of Service (UOS): Quantifies each community’s service needs based on engineering studies, metering data, and other criteria. Each member partner is assigned an allocation of the annual revenue requirement based on their relative use of the system. For the water system, this includes the amount of water purchased each year and contracted demands during peak periods. For the sewer system, each member partner’s SHARE is based on contributed wastewater.

4) Cost of Service Study (COS): The inputs from the three sources above are applied to an agreed upon charges methodology to allocate the revenue requirement (i.e., budget) by functional categories (such as purification for the water system or sludge disposal for the sewer system) and then allocated to each customer. The outcome is the charge calculation for each member partner.

Looking for more information? Visit us online at www.glwater.org

Proposed FY 2025 Water System Charges

The average system charge adjustment for water is a 3.25 percent increase. This is the result of a proposed Water budget increase of 4.0 percent offset by 0.75 percent reflecting the net effect of a) increased investment earnings and b) reductions in estimated sales volumes. As a result of the 2022 Contract Alignment Process (CAP), the FY 2025 Units of Service only changed for three Member Partners (MOD). Proposed charges for these three Member Partners have been calculated using the new simplified Water Charge Methodology. There are no significant variances from the system-wide charge (after consideration of contract adjustments) increase of 3.06 percent for the remaining 85 (No MOD) Member Partners.

Proposed FY 2025 Sewer System Charges

The average system charge adjustment for sewer is a 3.0 percent increase. This is the result of a proposed Sewer budget increase of 4.0 percent offset by increased investment earnings which funds 1.0 percent of the proposed budget increase. The proposed Sewer SHARES have been updated to include FY 2023 flow balance data in the ten-year average for the FY 2025 Units of Service, and the updated COS. These proposed SHARES are scheduled to remain in effect until the Sewer SHARES are updated for FY 2028.

Average System Charge Adjustments

Year	Water	Sewer
2018	1.8%	-0.7%
2019	1.8%	0.1%
2020	0.6%	0.8%
2021	3.2%	2.0%
2022	1.5%	-0.6%
2023	3.7%	2.4%
2024	2.75%	2.75%
2025	3.25%	3.0%
8-Year Average	2.3%	1.2%



GLWA
Great Lakes Water Authority

Financial Services Area
735 Randolph Street
Detroit, Michigan 48226