

The Semiannual Debt Report includes the following:

1. Key Takeaways
2. Background
3. Look Ahead – Five Year Capital Financing Plan
4. Existing Debt
5. Debt Service Coverage
6. Refinancing

Key Takeaways

- ✓ The purpose of this report is to provide a resource for stakeholders and to support management decisions as capital financing needs evolve.
- ✓ GLWA continues to enhance transparency by including the Debt Summary Report in the Audit Committee Binder semiannually.
- ✓ GLWA has nineteen active State Revolving Fund (SRF) loans, eleven for water and eight for sewer. On behalf of DWSD, GLWA is administering four projects for water and two for sewer.
- ✓ GLWA seeks to issue a revenue refunding bonds for water and sewer by the end of calendar year 2024.
- ✓ Other key items of interest include the following balances as of March 31, 2024.

As of March 31, 2024 (\$ Millions)		
	Water	Sewer
FY 2025 Approved SRF Projects - Table 5	\$0.0	\$395.9
DWSD Obligation Receivable - Table 6	\$539.8	\$352.2
GLWA Outstanding Debt - Table 8	\$2,604.8	\$2,874.4

Background

Pursuant to leases that became effective on January 1, 2016, the Great Lakes Water Authority (GLWA) assumed possession and control of the regional assets of both the water supply and sewage disposal systems owned by the City of Detroit (City), which were previously operated by the Detroit Water and Sewerage Department (DWSD). GLWA assumed certain liabilities including State Revolving Fund loans and 100% of the revenue bond debt issued by DWSD prior to January 1, 2016.

The bonds are repaid by the revenues of the water and sewage disposal systems including the DWSD retail system (local system) revenues which are the exclusive property of GLWA in accordance with Section 5.7 of each lease agreement. The DWSD is GLWA’s agent for purposes of billing and collection of the retail system revenues for both the water and sewer system, as set forth in a water and sewer services agreement between the City and GLWA. All revenue receipts are deposited into a trust and administered in compliance with the Master Bond Ordinance, applicable to each system (referred to herein collectively as the “MBO”).

The leases also provide that GLWA will finance local system improvements of DWSD. GLWA is the obligor of 100% of the debt payable which is recorded in GLWA's books. An "obligation receivable" is recorded by GLWA which represents the amount related to the DWSD local system improvements. Accordingly, DWSD records a corresponding "obligation payable" for a like amount.

GLWA maintains detailed records of all debt issuances and how the responsibility for payment of debt is allocated between the regional system and local system, as well as between the water and sewer systems. GLWA and DWSD regularly reconcile interrelated accounts between the entities.

The lease agreements, water and sewer services agreement, and MBO noted above are available on GLWA's website at www.glwater.org. The above explanation is a synopsis of key points and is not intended to fully represent the agreements or any sub-sections thereof.

Look Ahead - Five Year Capital Financing Plan

The following tables summarize the projected Capital Improvement Program (CIP) funding to be provided by proceeds received from the issuance of new revenue bonds and draws on committed SRF loans. *The financing plan is dynamic and changes with the pace of capital spending and alignment with refunding opportunities.*

GLWA closed on revenue bond transactions in December 2023 to support capital needs in accordance with the approved capital improvement plan. These transactions provided \$250 million in additional funding with \$150 million supporting the water system and \$100 million supporting the sewer system.

Looking ahead, GLWA is working on revenue refunding bond transactions for both the water supply system and sewage disposal system. These transactions are expected to be completed in 2024 but are ultimately dependent upon market conditions. GLWA has received prior authorization to issue water supply system bonds in a principal amount not to exceed \$500 million, and sewage disposal system bonds in a principal amount not to exceed \$500 million. Within these authorized amounts, revenue refunding bonds issued in 2024 are expected to be issued to refinance existing obligations of GLWA and provide debt service savings, and not to provide new capital financing. Ultimately, the size of the transactions will be based on market conditions at the time of sale.

Table 1 below is based on the FY 2025 – FY 2029 budget approved by the board at the February 28, 2024 meeting. Table 2 is based on the DWSD Capital Improvement plan approved by the board at the April 17, 2024 Board of Water Commissioners meeting. The projected financing will change in the upcoming months as a result of additional analysis completed during the 2024 bond refunding transaction.

Table 1 - GLWA Projected Financing FY 2025 – FY 2029 provides a breakdown of projected financing based on the FY 2025 and FY 2026 Biennial Budget adopted by the GLWA Board of Directors and the related Five-Year Financial Plan.

Projected Financing for Regional System					
	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Water					
Revenue Bonds	\$ 275,000,000	\$ -	\$ 400,000,000	\$ -	\$ 245,000,000
SRF loan draws	\$ 30,800,000	\$ 14,230,000	\$ -	\$ -	\$ -
Total projected funding Water	\$ 305,800,000	\$ 14,230,000	\$ 400,000,000	\$ -	\$ 245,000,000
Sewer					
Revenue Bonds	\$ -	\$ -	\$ 190,000,000	\$ -	\$ 200,000,000
SRF loan draws	\$ 96,852,000	\$ 120,693,000	\$ 113,146,000	\$ 62,828,000	\$ 24,755,000
Total projected funding Sewer	\$ 96,852,000	\$ 120,693,000	\$ 303,146,000	\$ 62,828,000	\$ 224,755,000

Table 2 - DWSD Projected Financing FY 2025 – FY 2029 provides a breakdown of projected financing based on the current, local system CIP presented to the DWSD Capital Improvement Plan Committee at its April 3, 2024 meeting. It is important to note the amounts represented in revenue bonds reflect the funding needs by year and not a revenue bond transaction for each year. GLWA and DWSD coordinate the timing for additional revenue bonds to ensure efficiency in the debt management process.

Projected Financing for Local System					
	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Water					
Revenue Bonds	\$ 29,200,000	\$ 41,740,000	\$ 26,750,000	\$ 17,250,000	\$ 12,250,000
SRF loan draws	\$ 16,000,000	\$ 26,000,000	\$ 26,000,000	\$ 21,000,000	\$ 21,000,000
Total projected funding Water	\$ 45,200,000	\$ 67,740,000	\$ 52,750,000	\$ 38,250,000	\$ 33,250,000
Sewer					
Revenue Bonds	\$ 13,250,000	\$ 26,550,000	\$ 35,250,000	\$ 19,250,000	\$ 2,250,000
SRF loans draws	\$ -	\$ 58,480,000	\$ 37,760,000	\$ 12,960,000	\$ 10,000,000
Total projected funding Sewer	\$ 13,250,000	\$ 85,030,000	\$ 73,010,000	\$ 32,210,000	\$ 12,250,000

Existing Debt

Current Debt Ratings: Bond ratings are a key measure of an organization’s financial strength. Ratings are established by independent agencies that conduct detailed reviews of an organization’s operational and financial performance to assist those seeking to invest in an organization through the purchase of bonds. GLWA actively monitors its debt ratings and continually seeks to make operational and financial improvements to improve its bond ratings. Achieving higher ratings will allow GLWA to finance its capital needs at lower interest rates.

In advance of the December 2023 bond transaction, GLWA earned upgrades into the ‘AA’ category from two of three bond rating agencies, as well as an affirmation of its “AA” rating from the third bond rating agency. Moody’s Investors Service moved GLWA’s senior lien debt into a new level of investment grade rating at ‘Aa3’ (up from ‘A1’) for both the water and sewer systems. Fitch Ratings moved GLWA’s senior lien debt for the sewer system to ‘AA-’ (up from ‘A+’) and affirmed its A+ rating for the water system. Standard & Poor Global Ratings affirmed its outstanding senior lien water and sewer system debt at ‘AA-’.

Table 3 – Debt Ratings by System provides a summary of the debt ratings.

Current Debt Ratings			
	S&P Global Ratings	Moody's Investors Service	Fitch Ratings
Water Supply System Revenue Bonds			
Senior lien	AA-	Aa3	A+
Second lien	A+	A1	A
Junior lien	N/A	N/A	N/A
Outlook	Stable	Stable	Stable
Sewage Disposal System Revenue Bonds			
Senior lien	AA-	Aa3	AA-
Second lien	A+	A1	A+
Junior lien	N/A	N/A	N/A
Outlook	Stable	Stable	Postive

Debt Allocation: GLWA has nearly \$2.6 billion in water system debt and nearly \$2.9 billion in sewer system debt for a combined total of over \$5.5 billion. Debt within each system is prioritized according to its security interest, or lien category, with senior lien debt having the highest security interest, followed by second lien and finally junior lien.

Chart 1 - Debt Type by Lien – Water provides a breakdown of the total water system debt for both the regional and local systems by lien type.

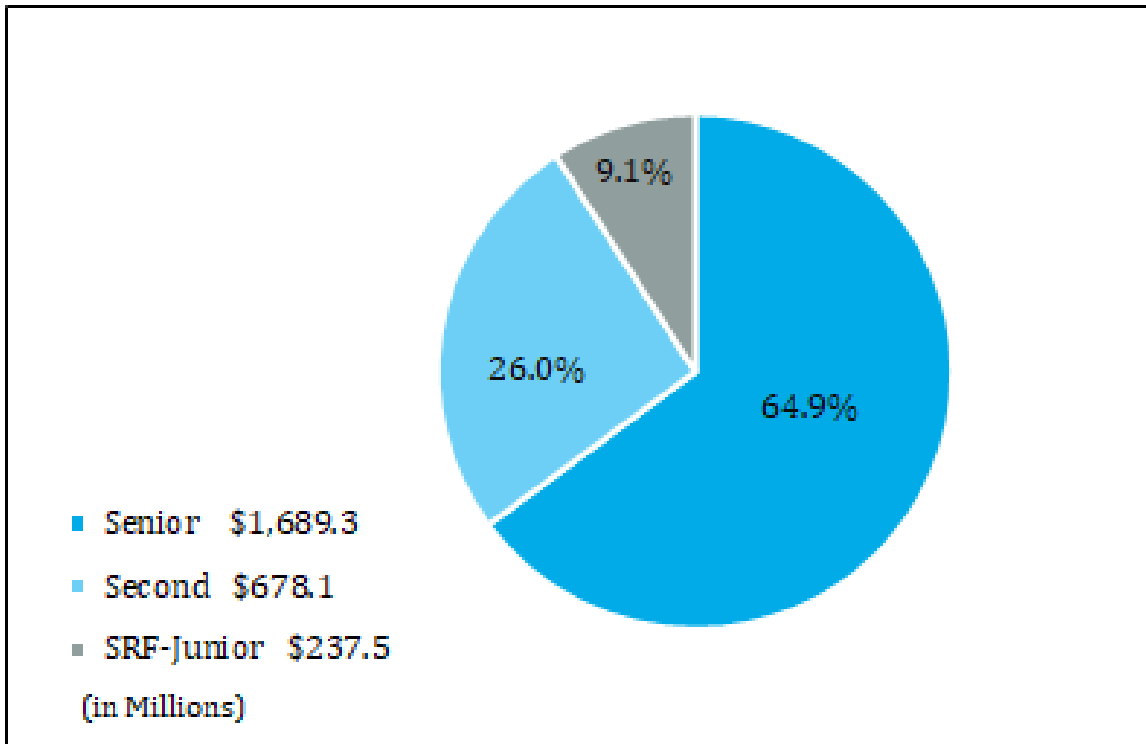


Chart 2 - Debt Type by Lien – Sewer provides a breakdown of the total sewer system debt for both the regional and local systems by lien type.

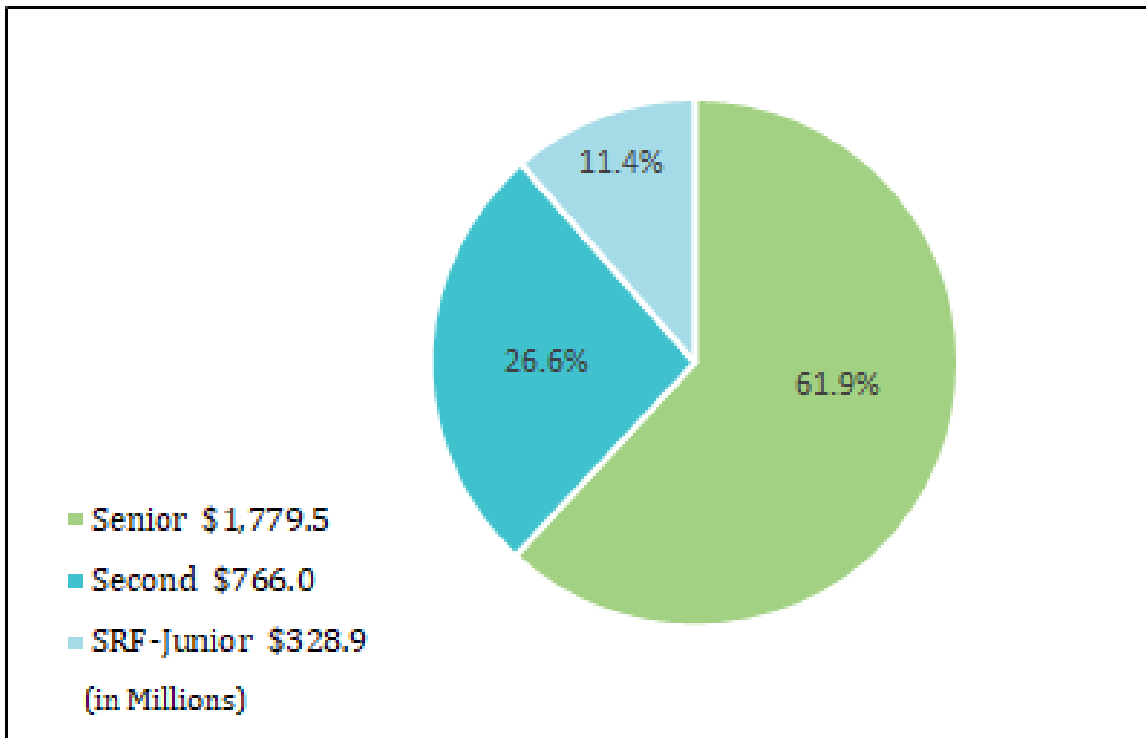


Chart 3 – Annual Debt Service Payments by Lien – Water provides the annual debt service installment requirements for each fiscal year.

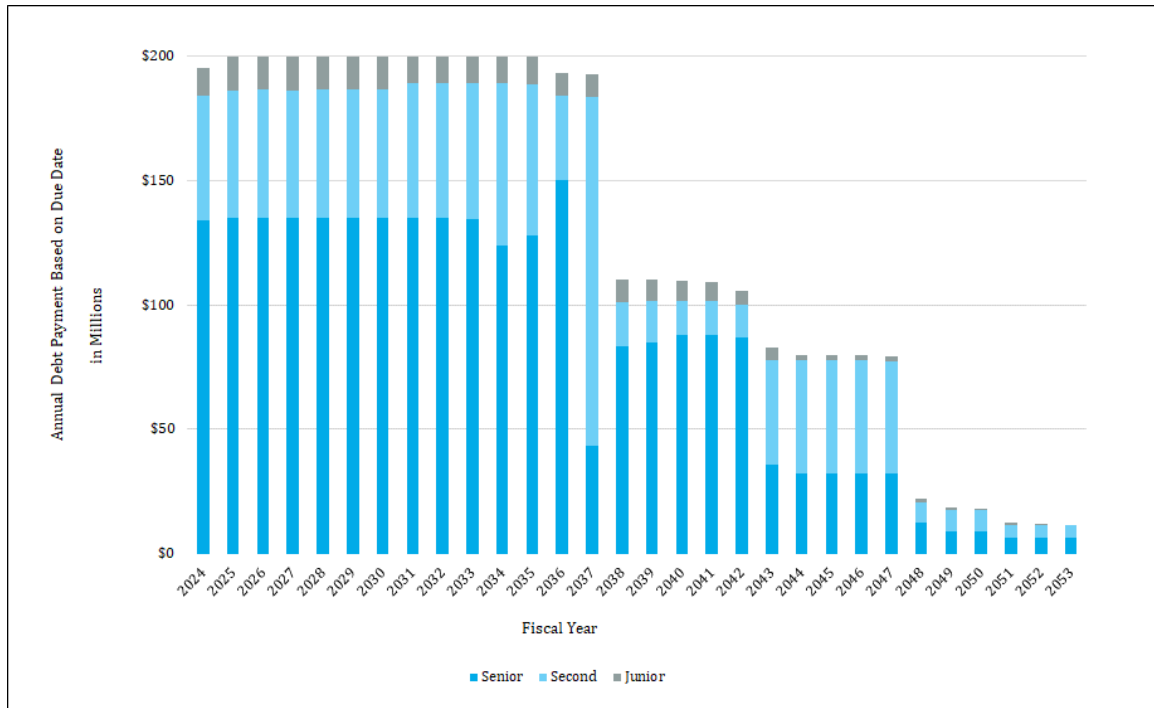
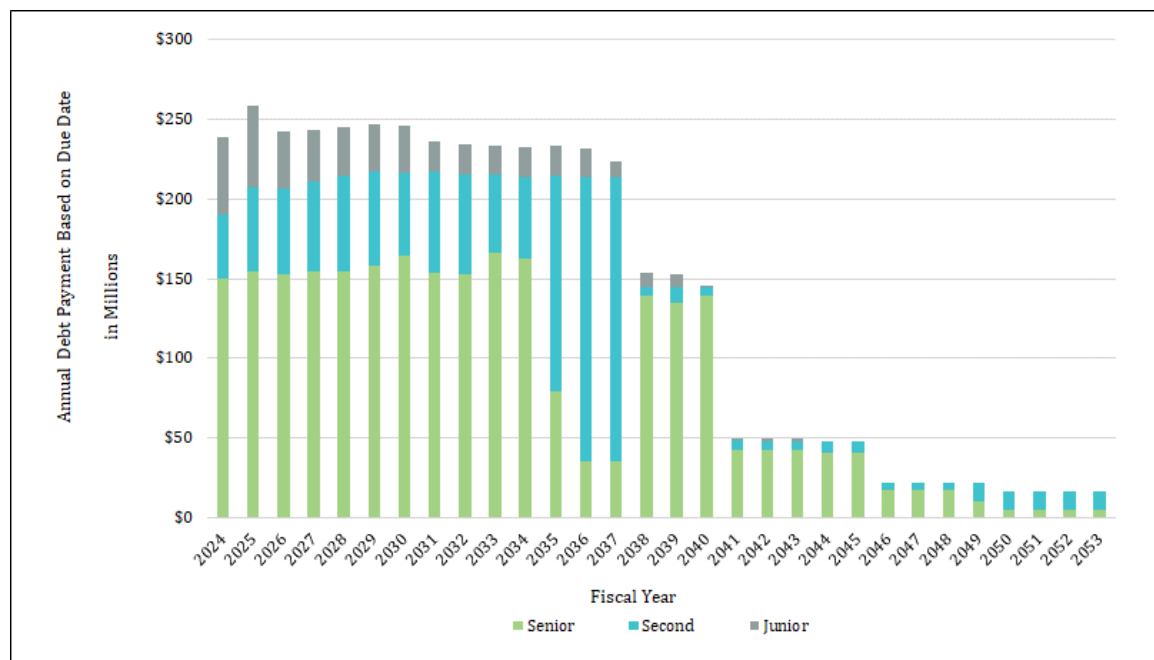


Chart 4 – Annual Debt Service Payments by Lien – Sewer provides the annual debt service installment requirements for each fiscal year.



Note: The figures in these charts reflect the debt service installment requirements for each fiscal year, which are required by the MBO to be set aside monthly in advance of actual payment dates. This information will differ from the Annual Comprehensive Financial Report which reflects when the actual payments are made to the bond paying agent.

State of Michigan’s State Revolving Fund (SRF) Programs: GLWA participates in the State’s Clean Water Revolving Fund (CWSRF) to finance qualified sewage disposal system projects and the State’s Drinking Water Revolving Fund (DWSRF) to finance qualified water supply system projects. For the purposes of this report, both water and sewer projects financed through these programs will be referred to as either water or sewer SRF loans.

These loan programs have interest rates that are well below open market interest rates (current estimate between 3.5% and 4.0%) and are repaid over 20-30 years. For the State’s 2024 fiscal year, the DWSRF and CWSRF program rates are 2.5% for 20-year loans and 2.75% for 30-year loans. Overburdened applicant’s rates are 2.0% and significantly overburdened applicant’s rates are 1.0% for 20- and 30-year loans.

Funds are disbursed as construction payments are made. Interest on each loan is based on the amount of funds drawn and not the full loan amount. GLWA must submit project plans to the Michigan Department of Environment, Great Lakes, and Energy (“EGLE”, and formerly known as the Michigan Department of Environmental Quality or MDEQ) for each project by the annual submission date (June 1 for DWSRF and May 1 for CWSRF) to be considered for the State’s funding pool for the following fiscal year.

State Revolving Fund Loans: GLWA’s strategy is to maximize its use of SRF loans to finance qualified capital projects. GLWA currently has \$241.6 million in outstanding water SRF loans and \$339.7 million in outstanding sewer SRF loans.

Table 4 - Active SRF Project Summary provides information regarding each loan currently being drawn down including the loan award date which is also referred to as the Order of Approval date by the State of Michigan.

State Loan #	CIP Reference	Description	Order of Approval	Project Total (\$ Millions)
SRF Water - DWSD Projects				
7460-01	WS-710 & 711	Water Main Replacement	7/15/2020	\$22.6
7483-01	WS-715 & 718	Water Main Replacement	9/9/2020	\$13.4
7484-01	WS-713	Water Main Replacement - Jefferson Chalmers	8/6/2021	\$12.8
7548-01	WS-721	Lead Service Line Water Main Replacement	4/8/2022	\$10.0
SRF Water - GLWA Projects				
7445-01	122003	Northeast Transmission Phase 1	8/9/2019	\$30.0
7445-02	122003	Northeast Transmission Main - Phase 2a	8/7/2020	\$9.0
7445-04	122003	Northeast Transmission Main - Phase 3a	5/28/2021	\$11.9
7461-01	122013	14 Mile Transmission Main Loop - Phase 1	8/7/2020	\$9.0
7461-02	122013	14 Mile Transmission Main Loop - Phase 2	8/6/2021	\$104.7
7532-01	122004	96-inch Water Transmission Main Relocation Project - Phase 1	8/29/2022	\$34.1
7532-02	122004	96-inch Water Transmission Main Relocation Project - Phase 2	6/26/2023	\$64.2
			Total Water	\$321.7
SRF Sewer - DWSD Projects				
5688-01	DWS-916	Sewer Main Rehab/Rplcmt - Project A	9/9/2020	\$4.0
5706-01	DWS-917 & 918	Sewer Main Replacements - Project B	9/9/2021	\$9.2
SRF Sewer - GLWA Projects				
5655-02	222002	Detroit River Interceptor Segment 2	3/27/2020	\$28.4
5655-03	222002	Detroit River Interceptor Segment 3	5/16/2020	\$34.2
5673-01	211008	PS-1 Ferric Chloride System Rehabilitation	2/26/2021	\$12.9
5741-01	260701	In-System Storage Device & Dam & Valve Remote Evaluation & Rehabilitation	8/29/2022	\$19.0
5742-01	260204	Connor Creek Sewer System Rehabilitation	8/8/2022	\$50.2
5836-01	211006	Pump Station #1 Rehabilitation	5/15/2023	\$96.0
			Total Sewer	\$254.0

Chart 5 - Open State Revolving Fund Loans summarizes all current SRF loans held by GLWA (including financings on behalf of DWSD) that are active (reference Table 4 above for project descriptions). It summarizes the original award amount remaining and the amount drawn down as of March 31, 2024 for each loan. On March 31, 2024, the amount of SRF loans authorized and unissued is \$102.6 million for the Water fund and \$192.9 million for the Sewage Disposal Fund.

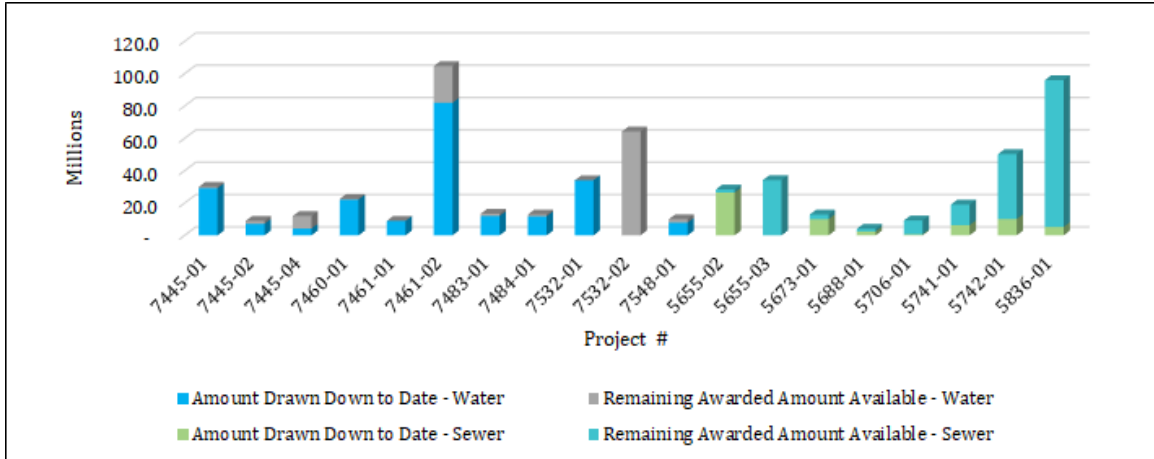


Table 5 - Project Plans Approved by EGLE for FY 2024

Project Owner	CIP Number	Description	Estimated Award Amount	Anticipated Funding Date
Water SRF				
		No Approved Water SRF Projects		

Total Water SRF \$ -

Sewer SRF				
GLWA	232002	Freud Pump Station	\$ 126,800,000	Q 2.5
GLWA	212008	WRRF Aeration Improvements 1 and 2	\$ 175,000,000	Q 2.5
GLWA	222001	Oakwood District Intercommunity Relief Sewer Modification	\$ 75,000,000	Q 4
DWSD		CSO West Chicago South	\$ 19,100,000	Q 4

Total Sewer SRF \$ 395,900,000

DWSD Obligation Receivable: GLWA holds an obligation receivable from DWSD as an asset to account for the amount due for financing local system capital projects. DWSD carries a like amount of this as an obligation payable on its statement of net assets.

There are three components to the calculation of the DWSD obligation receivable. These are:

- a) an agreed upon amount for pre-January 1, 2016 (i.e. “pre-bifurcation”) debt as documented in a 2018 Memorandum of Understanding (\$455 million for water system and \$370 million for sewer per agreed-upon amortization schedules),
- b) new revenue bonds issued after January 1, 2016 to specifically fund the DWSD local system capital improvement projects which are payable based on the allocable share of the actual bonds debt service schedule, and
- c) SRF loans issued after January 1, 2016 for specific DWSD capital projects which are payable based on the allocable share of the actual loan payment schedule.

All retail customer revenues are deposited into a trust to fund these financial obligations in accordance with the MBO flow of funds.

Chart 6 - DWSD Obligation Receivable by Type summarizes the total DWSD obligation receivable balance for both Water and Sewer as of March 31, 2024 by pre-bifurcation, revenue bond and SRF component.

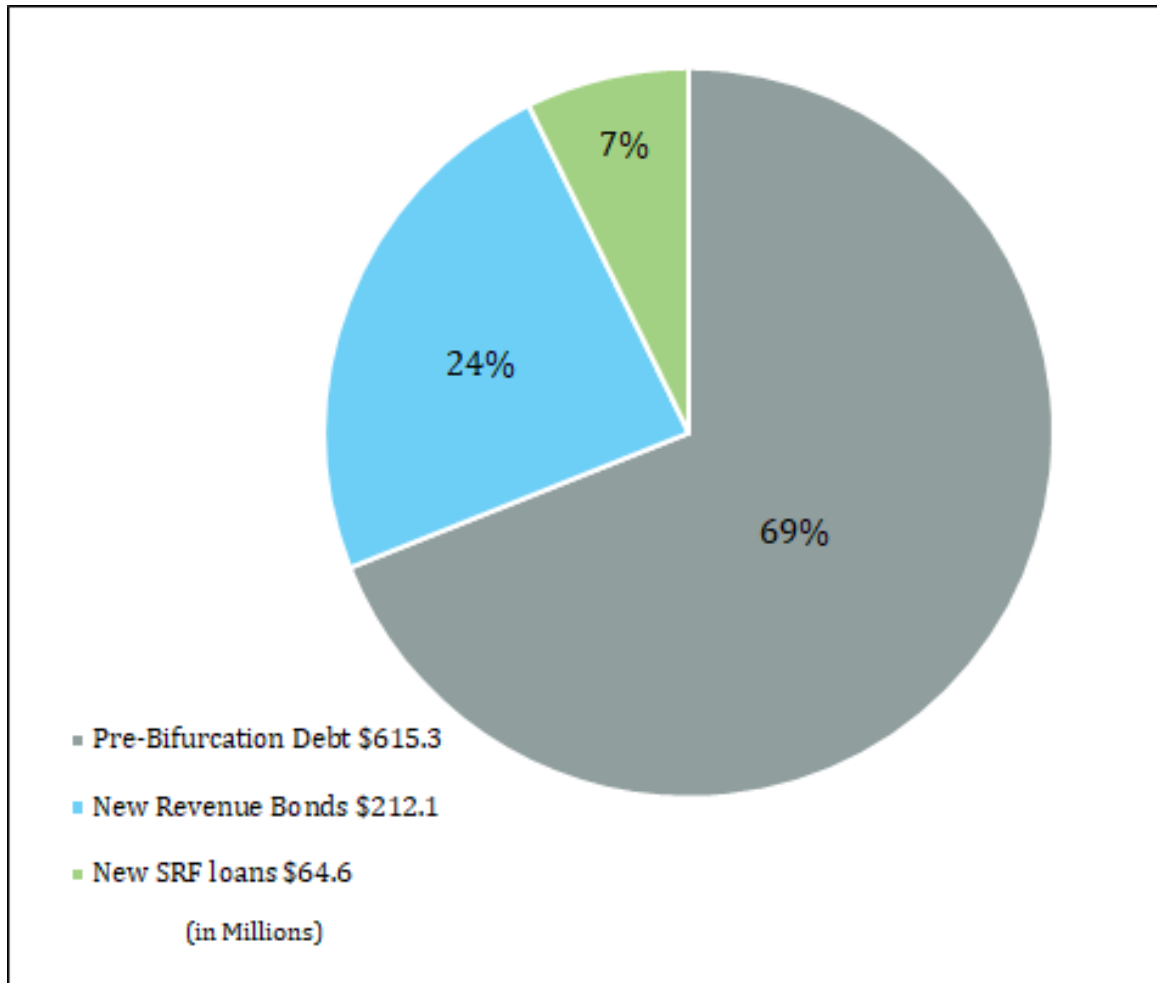


Chart 7 – Obligation Receivable Compared to Total Debt - Water provides context by comparing the Water System Obligation Receivable to the Total Water Debt (excludes unamortized premiums).

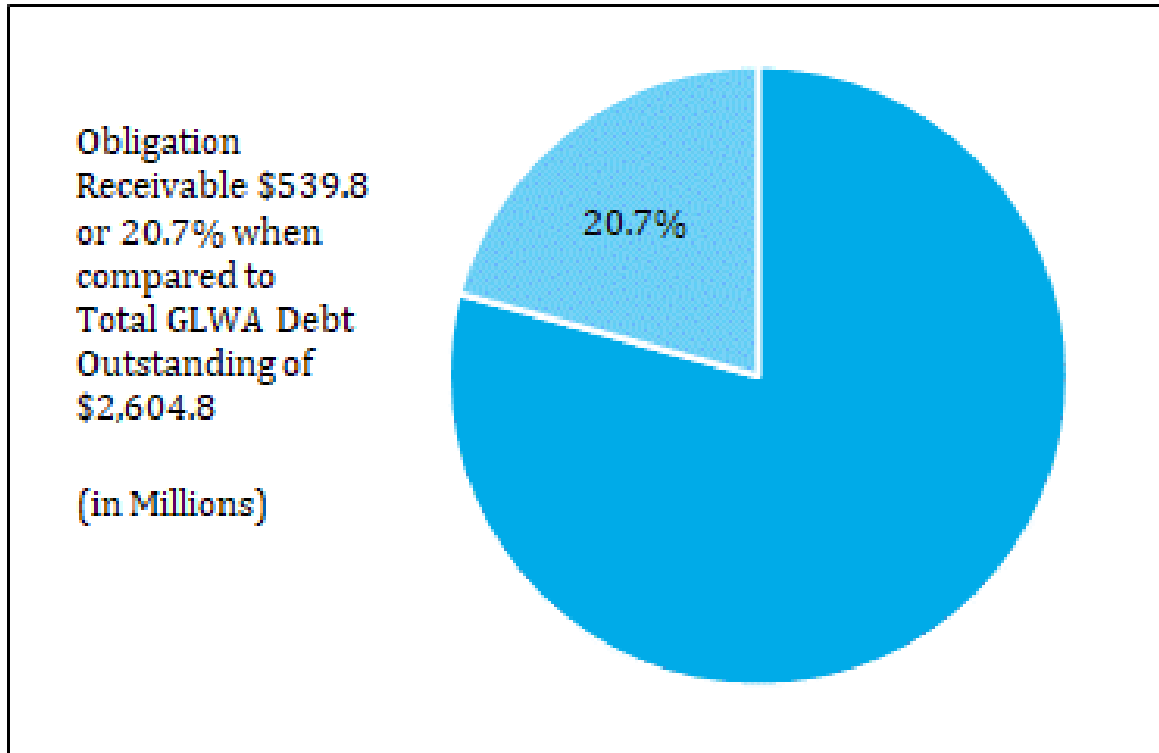


Chart 8 – Obligation Receivable Compared to Total Debt - Sewer provides context by comparing the Sewer System Obligation Receivable to the Total Sewer Debt (excludes unamortized premiums).

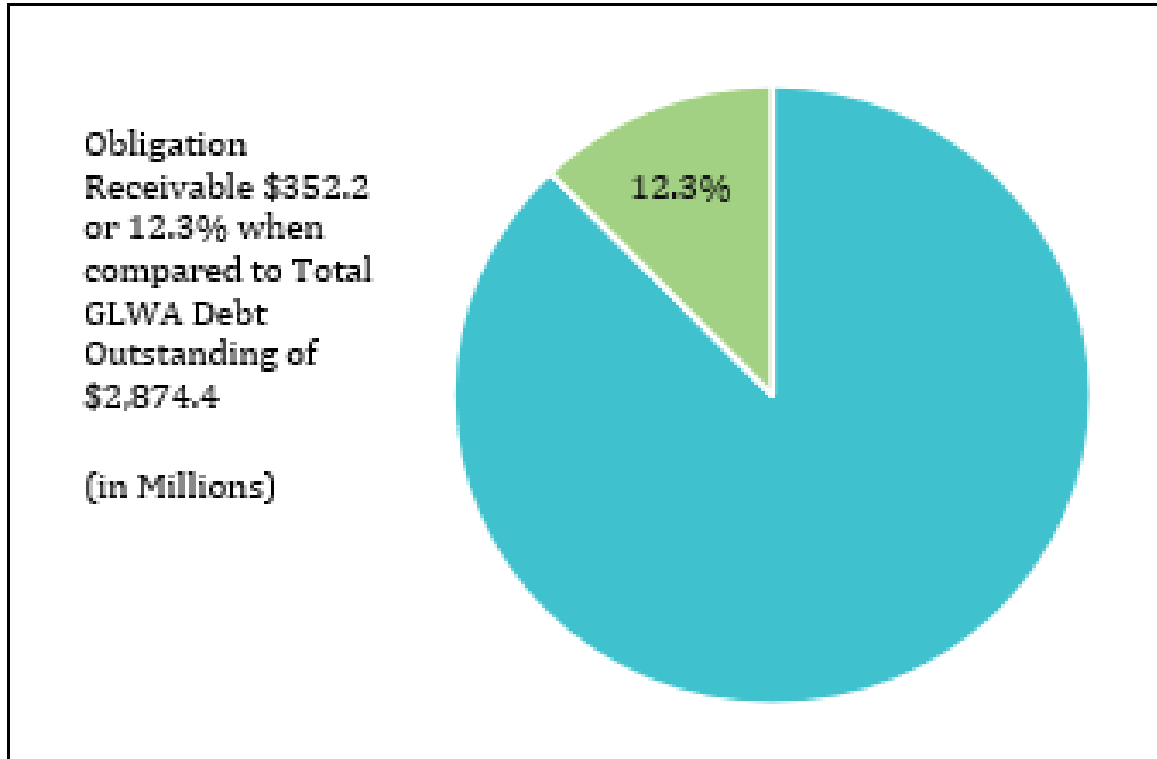


Table 6 - DWSD Obligation Receivable provides obligation receivable detail including fiscal year 2024 beginning balances by debt type and loan issue (for revenue bonds and SRF loans), year-to-date activity and ending balances as of March 31, 2024. Total DWSD debt totals \$917.4 million. This differs slightly from the total in Chart 6 due to the inclusion of unamortized premiums.

(In Thousands)

Debt Type	July 1, 2023 Beg Balance	Increase	Decrease	SRF Debt Forgiveness	March 31, 2024 End Balance
DWSD Water					
Pre-Bifurcation Debt	\$ 352,783	\$ -	\$ (12,485)		\$ 340,298
Revenue Bond - 2016A	17,725	-	-	-	17,725
Revenue Bond - 2016B	33,015	-	-	-	33,015
Revenue Bond - 2020A	42,445	-	-	-	42,445
Revenue Bond - 2020B	43,135	-	-	-	43,135
SRF 7412-01	4,591	-	-	-	4,591
SRF 7413-01	2,969	-	-	-	2,969
SRF 7414-01	5,193	-	(160)	-	5,033
SRF 7447-01	7,448	3,087	(300)	-	10,235
SRF 7460-01	19,515	-	-	-	19,515
SRF 7483-01	8,833	1,628	-	-	10,461
SRF 7484-01	9,678	747	-	-	10,425
SRF 7548-01	-	6,100	-	(6,100)	-
Total DWSD Obligation	547,329	11,562	(12,945)	(6,100)	539,847
Unamortized Premiums	18,100	-	(596)		17,504
Subtotal: Water	565,429	11,562	(13,540)	(6,100)	557,351
DWSD Sewer					
Pre-Bifurcation Debt	285,471	-	(10,433)	-	275,038
Revenue Bond - 2018A	75,815	-	-	-	75,815
SRF 5688-01	843	638	(135)	-	1,346
SRF 5706-01	-	267	-	(267)	-
Total DWSD Obligation	362,129	905	(10,568)	(267)	352,199
Unamortized Premiums	8,161	-	(318)	-	7,843
Subtotal: Sewer	370,290	905	(10,886)	(267)	360,042
Total DWSD Debt	\$ 935,719	\$ 12,467	\$ (24,426)	\$ (6,367)	\$ 917,393

Table 7 – Loan Forgiveness provides a summary of loan principal forgiven on DWSD SRF loans closed after January 1, 2016. EGLE grants principal loan forgiveness on qualified planning costs for disadvantaged communities. Through March 31, 2024, \$26.4 million or 23% of approved, DWSD SRF loans have been forgiven as a disadvantaged community.

State Loan #	Approved Amount	Loan Forgiveness
DWSD Water SRF		
SRF 7412-01	10,605,000	1,000,000
SRF 7413-01	5,180,000	1,000,000
SRF 7414-01	8,675,000	2,000,000
SRF 7447-01	16,500,000	4,711,944
SRF 7460-01	22,570,000	2,031,300
SRF 7483-01	13,355,000	1,201,950
SRF 7484-01	12,845,000	1,316,050
SRF 7548-01	10,000,000	10,000,000
Subtotal: Water	99,730,000	23,261,244
DWSD Sewer SRF		
SRF 5688-01	4,040,000	808,000
SRF 5706-01	9,175,000	2,293,750
Subtotal: Sewer	13,215,000	3,101,750
Total DWSD Debt	\$ 112,945,000	\$ 26,362,994

Annual Change in Outstanding Debt: It is the goal of GLWA to ensure the long-term sustainability of the water and sewer systems. One of the best ways to accomplish this is by reducing the debt service payments on existing bonds as well as reducing the amounts of future bond issues by using revenue financed capital.

Table 8 - Long-Term Debt Summary provides a detail of GLWA’s fiscal year 2024 beginning balances by debt type and loan issues, year-to-date activity, and ending balances as of March 31, 2024. GLWA debt includes financing for both the regional and local share.

(In Thousands)

Debt Type	June 30, 2023			Debt Forgiveness	March 31, 2024 End Balance
	Beg Balance	Increase	Decrease		
Water Fund					
Revenue Bonds	\$ 2,279,260	\$ 215,745	\$ (127,640)	\$ -	\$ 2,367,365
State Revolving Loans	207,357	43,178	(2,810)	(6,100)	241,625
Total Installment Debt	2,486,617	258,923	(130,450)	(6,100)	2,608,990
Unamortized Premiums / Discounts	167,921	-	3,945	-	171,867
Subtotal: Water	2,654,538	258,923	(126,505)	(6,100)	2,780,857
Sewer Fund					
Revenue Bonds	2,561,135	297,060	(312,705)	-	2,545,490
State Revolving Loans	349,919	19,640	(29,595)	(267)	339,697
Total Installment Debt	2,911,054	316,700	(342,300)	(267)	2,885,187
Unamortized Premiums / Discounts	75,627	-	20,873	-	96,500
Subtotal: Sewer	2,986,681	316,700	(321,427)	(267)	2,981,687
Total Combined, Long Term Debt	\$ 5,641,219	\$ 575,623	\$ (447,931)	\$ (6,367)	\$ 5,762,544

Debt Service Coverage

GLWA is committed to ensuring the long-term sustainability of the water and sewer systems and has pledged specific revenue streams to secure the repayment of the revenue bonds and SRF loans associated with them. The MBO establishes minimum debt coverage levels at 1.20 for senior lien bonds, 1.10 for second lien bonds and 1.00 for any junior lien bonds, other than second lien bonds. Debt service coverage ratios are inclusive of all debt held on behalf of both GLWA and DWSD.

GLWA computes the debt service coverage ratio using two different methodologies. The Rate Covenant Method uses the cash basis in computing pledged revenue and the GAAP Method uses the accrual basis in computing pledged revenue. Pledged revenue is divided by the debt service requirements of each lien on a set aside basis to compute the debt service coverage ratio. The set aside basis is defined as the cash available to make the debt service payments on the due dates. The following table details the components of the pledged revenue for each methodology.

Components of Pledged Revenue	Pledged Revenue Calculation	Rate Covenant Basis	GAAP Basis
Revenues	Addition	Cash basis	Accrual basis
GLWA O&M expenses	Subtraction	Cash basis	Accrual basis
GLWA O&M pension	Subtraction	Cash basis	Cash basis
DWSD O&M expenses & O&M pension	Subtraction	Cash transfers to DWSD	Cash transfers to DWSD

Table 9: Debt Service Coverage Ratios - Water provides a summary of the MBO required minimum, historical, and budgeted debt service coverage ratios for the Water fund.

Debt Service Coverage Water System							
	MBO Required Minimum	Actual 2021	Actual 2022	Actual 2023	Estimated 2024	Adopted Budget 2025	Adopted Budget 2026
Rate Covenant Basis							
Senior Lien Bonds	1.20	1.99	1.88	1.88	1.86	1.75	1.78
Senior and second lien bonds	1.10	1.40	1.37	1.37	1.36	1.30	1.35
All bonds, including SRF junior lien	1.00	1.38	1.33	1.31	1.25	1.19	1.23
GAAP Basis							
Senior Lien Bonds		1.95	2.00	1.99			
Senior and second lien bonds		1.38	1.45	1.45			
All bonds, including SRF junior lien		1.35	1.41	1.38			

Table 10: Debt Service Coverage Ratios - Sewer provides a summary of the MBO required minimum, historical, and budgeted debt service coverage ratios for the Sewer fund.

Debt Service Coverage Sewage Disposal System							
	MBO Required Minimum	Actual 2021	Actual 2022	Actual 2023	Estimated 2024	Adopted Budget 2025	Adopted Budget 2026
Rate Covenant Basis							
Senior Lien Bonds	1.20	2.92	2.35	2.17	2.05	2.07	2.17
Senior and second lien bonds	1.10	1.97	1.68	1.72	1.54	1.54	1.60
All bonds, including SRF junior lien	1.00	1.51	1.30	1.37	1.24	1.26	1.35
GAAP Basis							
Senior Lien Bonds		2.50	2.64	2.13			
Senior and second lien bonds		1.68	1.89	1.69			
All bonds, including SRF junior lien		1.29	1.46	1.34			

Refinancing

To reduce the annual water and sewer debt service payments, GLWA monitors its outstanding water and sewer debt portfolios to determine if it can refund existing bond issues with new, lower interest rate bonds. At least once per year, GLWA's registered municipal advisor, PFM Financial Advisors, LLC (PFM) prepares an analysis of GLWA's bond refunding opportunities based on the current municipal interest rate environment and the existing debt service on GLWA's callable bonds.

On December 5, 2023, \$67.2 million of water supply system refunding bonds and \$200.2 of sewage disposal system refunding bonds were issued. The net present value savings from the refunding transaction was \$46.0 million made up of savings of \$11.2 million for the water supply fund and \$34.8 million for the sewage disposal fund.

Table 11: History of Debt Service Savings Achieved since 2016 through the leadership of the Authority's management team, the financing team has been able to achieve over \$766 million of debt service savings for the systems.

Savings by Issuance	
Series 2016	\$ 309,100,000
Series 2018	84,900,000
Series 2020	324,100,000
Series 2022	1,960,000
Series 2023	45,949,000
	\$ 766,009,000

The next available refunding opportunity is for bonds with a call date of July 1, 2024, for both the water fund and sewage disposal fund. Approximately \$434.2 million in water bonds and \$436.5 million in sewer bonds will be callable at that time. GLWA continues to work with its registered municipal advisor on these bonds.

GLWA does not have any defeased debt as of March 31, 2024.