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MEMORANDUM

GLWA Financial Forecast Update

December 15, 2021
Finalized March 29, 2022

To: Nicolette Bateson

From: Bart Foster

This memorandum is intended to introduce updated long-term financial plan forecasts for the GLWA Regional System Water and Sewer funds, prepared in coordination with development of the Fiscal Year 2023 budget and charges. ***The material presented herein updates that originally presented in similar documents published on October 15, 2021 and December 15, 2021. This version of the forecast aligns with the approved FY 2023 Budget and the approved FY 2023 Water and Sewer Service Charge Schedules. The Water material presented herein is identical to that from the December 15, 2021 version. The Sewer material has been updated to reflect modifications made during the budget and charge review process, which resulted in a reduction in the overall budgeted FY 2023 revenue requirement (and charges) of approximately \$5.9 million.*** These updated projections reflect forecasted financial results for a ten-year¹ projection period (*Fiscal Year 2022 through Fiscal Year 2032*) for GLWA's capital and operating financial requirements. Separate exhibits are designed to summarize forecasts for both the Water Fund and the Sewer Fund. These forecast summaries are presented in similar format to prior published work products we have prepared in various forums, which largely focused on revenue requirements (reflected as either "budget" or "cash" basis) in a manner that aligns with requirements of the GLWA Master Bond Ordinances (MBO's). We have also included forecast exhibits that illustrate projected "GAAP basis" results, and forecasted "Net Position" of both utilities.

This version of the forecast report continues to focus entirely on projected financial results for the GLWA Regional System. We are in the process of incorporating preliminary budget and forecast information for the DWSD Local System into the comprehensive forecast. Those exhibits will also be presented in subsequent documents.

This forecast document embraces a forecasting approach and format that we've utilized for several years, and readers should find the general exhibits and discussion familiar. It has been used in support of GLWA revenue bond issues and annual budgeting and charge setting. This material is designed to align with the recently approved FY 2023 budget and charges. ***Our final report summarizing the approved FY 2023 Water Charges and FY 2023 Sewer Charges is available under separate cover.***

¹ Actually 11 years, including estimated results for the current year.

Executive Summary Takeaways

- This forecast illustrates the overall FY 2023 **System Charge Adjustments** of a 3.7% increase for the Water System and a 2.4% increase for the Sewer System.
 - *The Water adjustment is the product of:*
 - 3.5% to address a \$12.0 million revenue requirement increase;
 - 0.15% to reflect a decrease in budgeted water sales volumes, creating a \$0.5 million negative sales revenue forecast.
 - *The Sewer adjustment is the product of:*
 - 1.25% to address a \$5.9 million revenue requirement increase;
 - **1.15% to reflect reinstatement of Highland Park bad debt adjustment, creating a \$5.4 million negative revenue forecast.**
 - ***These adjustments are more fully documented in other material published contemporaneously with this forecast update.***
- The forecast produces the executive summary metrics for the 10-year forecast period summarized below.

GLWA Financial Plan Summary (\$ millions)
 Executive Summary Metrics

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
<u>Water Supply System</u>											
Charge Adjustment		3.7%	3.3%	3.0%	3.0%	3.6%	3.5%	3.6%	3.5%	3.6%	3.6%
Projected Revenue	342.1	356.1	368.5	381.4	394.8	408.6	422.9	437.7	453.0	468.9	485.3
Projected Expenses	143.9	144.8	148.7	154.3	155.6	159.2	162.3	165.6	168.9	172.3	175.7
Net Revenues	198.2	211.2	219.8	227.1	239.1	249.4	260.6	272.1	284.1	296.6	309.6
Projected Cash Balance	222.7	202.8	203.8	203.1	202.7	202.6	203.0	202.6	202.5	202.9	202.9
Capital Improvements *	160.4	172.8	195.6	189.5	151.2	130.5	228.4	228.5	179.3	176.4	153.5
Debt Service Coverage **	1.42	1.36	1.38	1.33	1.32	1.34	1.33	1.34	1.30	1.32	1.32
<u>Sewage Disposal System</u>											
Charge Adjustment		2.4%	2.3%	2.0%	2.1%	2.5%	2.5%	2.5%	2.6%	2.6%	2.5%
Projected Revenue	472.9	481.4	493.4	505.7	518.4	531.3	544.6	558.2	572.2	586.5	601.2
Projected Expenses	181.3	184.1	189.4	190.5	196.0	199.7	203.7	207.8	211.9	216.2	220.5
Net Revenues	291.6	297.3	304.0	315.2	322.4	331.6	340.9	350.5	360.3	370.3	380.7
Projected Cash Balance	247.2	241.7	244.4	244.0	244.3	244.9	244.2	244.2	244.2	246.0	274.1
Capital Improvements *	95.5	112.9	133.3	146.5	126.9	108.7	181.1	161.0	121.7	123.5	82.8
Debt Service Coverage **	1.37	1.39	1.38	1.48	1.50	1.49	1.47	1.50	1.54	1.60	1.64

* Includes Budgeted Capital Outlay
 ** Regional System contribution only

- The Water CIP creates relatively more financing pressure on the forecast than does the Sewer CIP. As a result the Water System forecast contains continuation of significant debt financing, while mostly “pay go” capital financing is forecasted for the Sewer System towards the end of the ten year period.
 - *This fundamental difference in the Water and Sewer Forecasts is highlighted throughout this memorandum and in the accompanying exhibits.*

Forecast Introduction and Exhibits

As noted earlier, the efforts undertaken to prepare these forecasts are consistent with the analyses that we utilize to prepare financial feasibility report(s) that we have provided to GLWA in support of financial transactions. However, the efforts to date have not been as rigorous as those designed to support a public offering of debt, and should be considered “**Preliminary**”. We encourage stakeholders to review these forecasts with that understanding in mind. In addition, our formally published forecasts always carry this caveat:

In conducting our studies and formulating our projections and opinions contained herein, we reviewed the books, records, agreements, capital improvement programs and other information produced by the Authority as we deemed necessary. While we consider such books, records, and other documents to be reliable, we have not verified the accuracy of these documents. The projections set forth herein are intended as “forward-looking statements”. Actual results may differ materially from those projected, as influenced by conditions, events, and circumstances that may actually occur.

Having said all that, let’s review the next look at the updated forecasts. First, an introduction of the core executive summary assumptions we’ve incorporated into the baseline analysis.

1. FY 2022 estimated activity is consistent with the approved first quarter budget amendments, with additional minor estimates to reflect ongoing review.
2. FY 2023 through FY 2027 O&M is consistent with the approved budget established by GLWA.
 - *FY 2023 increase of 1.1% in total (combined Water and Sewer) compared to originally approved FY 2022 budget;*
 - *Water increase for FY 2023 is 0.6%, Sewer increase is 1.5% - this reflects diligent review of the FY 2023 budget preparation and individual budget programs, including increased focus on programs to address Sewer issues.*
3. Future O&M growth beyond FY 2023 = 2%, on average, overall for the System, with varying amounts between Water and Sewer through FY 2027 to match the FY 2023 Budget documents, and uniformly thereafter.
4. CIP’s reflect the versions approved by the GLWA Board.
5. CIP Expenditure Level reflects a Spend Rate Assumption of:
 - *80% for the Water System for FY 2022 through FY 2027;*
 - *75% for the Sewer System for FY 2022 through FY 2027;*
 - *100% for both systems for FY 2028 through FY 2032.*
6. Investment earnings rate = 0.45% for FY 2022, declining to 0.35% for FY 2023, then gradually increasing to 2.2% by FY 2026 and remaining at that level for the remainder of the forecast period (*consistent with estimates provided by PFM*).
7. Capital financing forecast policy:
 - *Fund all Major CIP expenditures via Construction Fund, which is sourced by:*
 - SRF loans
 - Transfers from I&E

- Bond Proceeds
 - Investment Earnings on Bond Proceeds
 - *CIP funding source priority:*
 - Identify short lived CIP projects that should be financed by I&E (*currently estimated at 10% of total CIP*);
 - Apply “confirmed” SRF resources to specific projects²; then
 - Spend existing I&E Funds until they reach policy minimum (*\$90 million*);
 - Do not rely on annual deposits to I&E to finance CIP until subsequent year(s);
 - Issue debt to finance remainder of annual capital requirements;
 - Plan biennial bond sales in amounts that result in moderate “carryover” balances at end of 2nd year³
 - *Apply Capital Spend Rate Assumption to ALL elements noted above, including:*
 - Total annual requirements;
 - Estimated short lived projects;
 - Scheduled SRF reimbursements
8. “Top Line” increases in annual revenue requirements starting in FY 2023 of:
- *3.5% for the Water System;*
 - *2.5% for the Sewer System*
9. Approved FY 2023 System Charge adjustments of:
- **3.7% increase for Water**
 - Reflects moderate reduction in baseline sales revenue compared to approved FY 2022 Budget and Charges
 - **2.4% increase for Sewer**
 - Reflects reinstatement of Highland Park bad debt adjustment compared to approved FY 2022 Budget and Charges
10. Total GLWA / DWSD “Legacy Pension Obligation” annual payments reduce from \$45.4 million to \$11.0 million starting in FY 2024, and all amounts are treated as a non-operating expense after FY 2023.

The forecasted financial results resulting from our application of these assumptions are summarized in the attached exhibits, and briefly introduced below. The exhibit page number references are consistent between the separate Water (W) and Sewer (S) page numbers.

1. Forecasted CIP Financing Plan

² In prior forecasts “confirmed” SRF projects were limited to those for which GLWA Board had formally passed ordinances and intent to issue. The forecast policy has been updated to include as “confirmed” all projects that have been approved on the State’s Project Priority List.

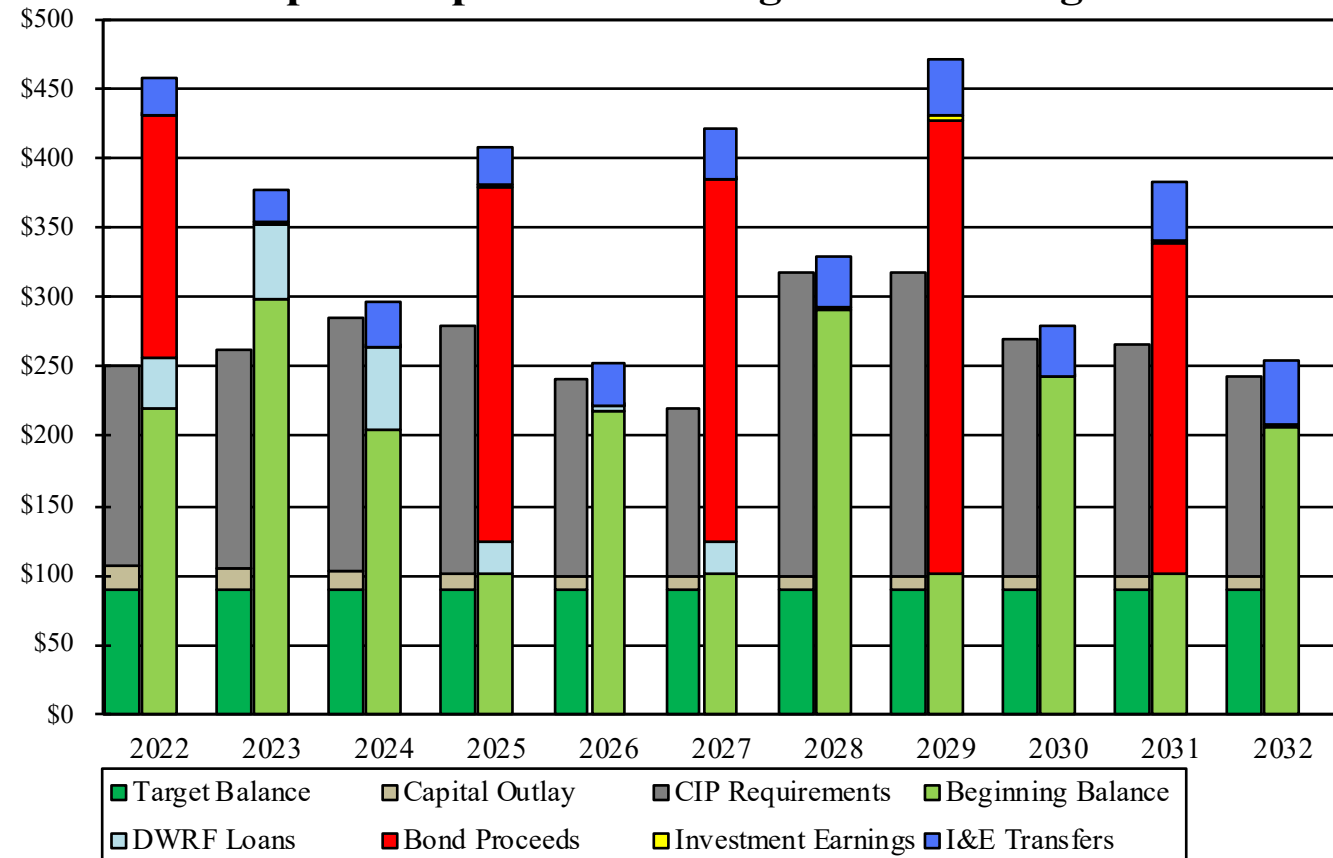
³ The forecasted bond sales anticipated towards the end of FY 2022 are designed to provide financing through FY 2024, with the “biennial cycle” continuing starting in FY 2025.

- Illustrates forecasted plan resulting from application of CIP financing policy noted above. Note that the forecast anticipates the next “new money Regional System” bond transactions to occur in late FY 2022 for both the Water and Sewer Systems. These transactions are designed in this forecast to not provide any meaningful bond funds to pay for CIP expenditures during FY 2022, nor result in any debt service during FY 2022. We’ve assumed that the FY 2023 debt service would include a full annual interest payment, but that principal amortization would not start until FY 2024. The size and nature of these transactions are subject to change, and could be impacted by availability of additional SRF loans, DWSD Local System needs, and/or refinancing opportunities. Also note the relatively larger need for forecasted additional Water bond sales compared to Sewer due to the relatively larger Water CIP requirements. The Sewer forecast anticipates being able to “pay go” all **known and projected** CIP Financing starting in FY 2030.
2. Forecasted CIP Financing Plan Table
 - Same as 1, in tabular form consistent with published Feasibility Reports.
 3. Forecasted Application of CIP Funding Sources
 - Illustrates growing utilization of I&E monies to finance annual capital improvements, particularly for Sewer. The Water picture is “muddied” because of the early year spend down of existing balances while the Sewer picture is more evident of steady growth – sufficient to fully fund the CIP and exceed the \$90 million policy minimum by the end of the forecast period.
 - ***At the bottom of the exhibit, we’ve included a metric that identifies the amount of spend from, and deposit to, the I&E Funds as a percentage of total annual CIP. We note that once the existing I&E reserves are spent down to the targeted balance of \$90 million, the amounts deposited to the I&E Funds annually basically match the amounts spent from the I&E Funds. Again, the current level, and the growth, in this metric is more favorable for Sewer than Water.***
 4. Revenue Requirement Financing Plan
 - Graphical depiction of the “business plan” assuming annual top line revenue requirement growth of 3.5% for Water and 2.5% for Sewer and 2% O&M growth rate assumption for the balance of the forecast period. Note the relatively stable transfers to Water I&E compared to the rapid growth in the Sewer amounts.
 5. Wholesale System Revenue Requirement Financing Plan Table
 - Same as 4, in tabular form consistent with published Feasibility Reports.
 6. Forecasted Fund Balance Summary
 - Illustrates “non-restricted” liquidity balances and debt service coverage (as computed for the Regional System portion).
 - * *Note that the targeted and forecasted balances reflect a “Working Capital Reserve” that is designed to reflect an Operating Fund reserve balance equivalent to 105 days of annual Operations and Maintenance Expense plus 60 days of scheduled transfers to all other MBO Funds.*

- Shows forecasted reduction of existing I&E balances to policy minimums for both systems, with Sewer increasing towards the end of the forecast period.
 - * *Note that if full “pay go” status of the Sewer CIP is achieved it may be appropriate to reduce the top line revenue growth assumption in the forecast.*
 - Debt service coverage provided by Regional System net revenues is relatively stable for Water and gradually increasing for Sewer.
7. Projected Cash and Investment Balances – Wholesale System Table
- Same as 6, in tabular form consistent with published Feasibility Reports.
 - Documents forecasted “Days Cash on Hand” metric
8. Relative Revenue Requirement Distribution
- Illustrates “where each \$ of revenue goes” with respect to revenue requirements. Again, note the reduction in debt service, and corresponding increase in I&E bottom line transfers for Sewer, while the Water bottom line contribution is fairly constant as the relative debt service portion increases.
9. I&E Flow of Funds Forecast
- Illustrates draw down of existing balances to fund CIP requirements, maintenance of the \$90 million policy minimums, and the growth in annual transfers from revenues, particularly for Sewer.
10. GAAP Basis Income Statement Forecast
- Presents forecast of changes in, and level of, net position as reported on a GAAP Basis for forecast purposes;
 - As has been discussed in prior deliberations, the reductions in net position reported for both funds since GLWA’s inception have (in part) been related to an accelerated level of depreciation expense associated with the valuation of acquired and leased assets;
 - Due to the accelerated depreciation structure, many of the acquired assets will be fully depreciated in the next few years, and the annual depreciation expense is projected to decrease;
 - As a result the GAAP basis change in net position is projected to increase during the forecast period, and result in positive cumulative net position metrics by FY 2027 for Water and by FY 2026 for Sewer, and to continue to grow thereafter;
 - We note that there are other “non cash revenue requirement” elements that impact the GAAP basis results, many of which are difficult to project. These include statements of liabilities associated with long term liabilities.

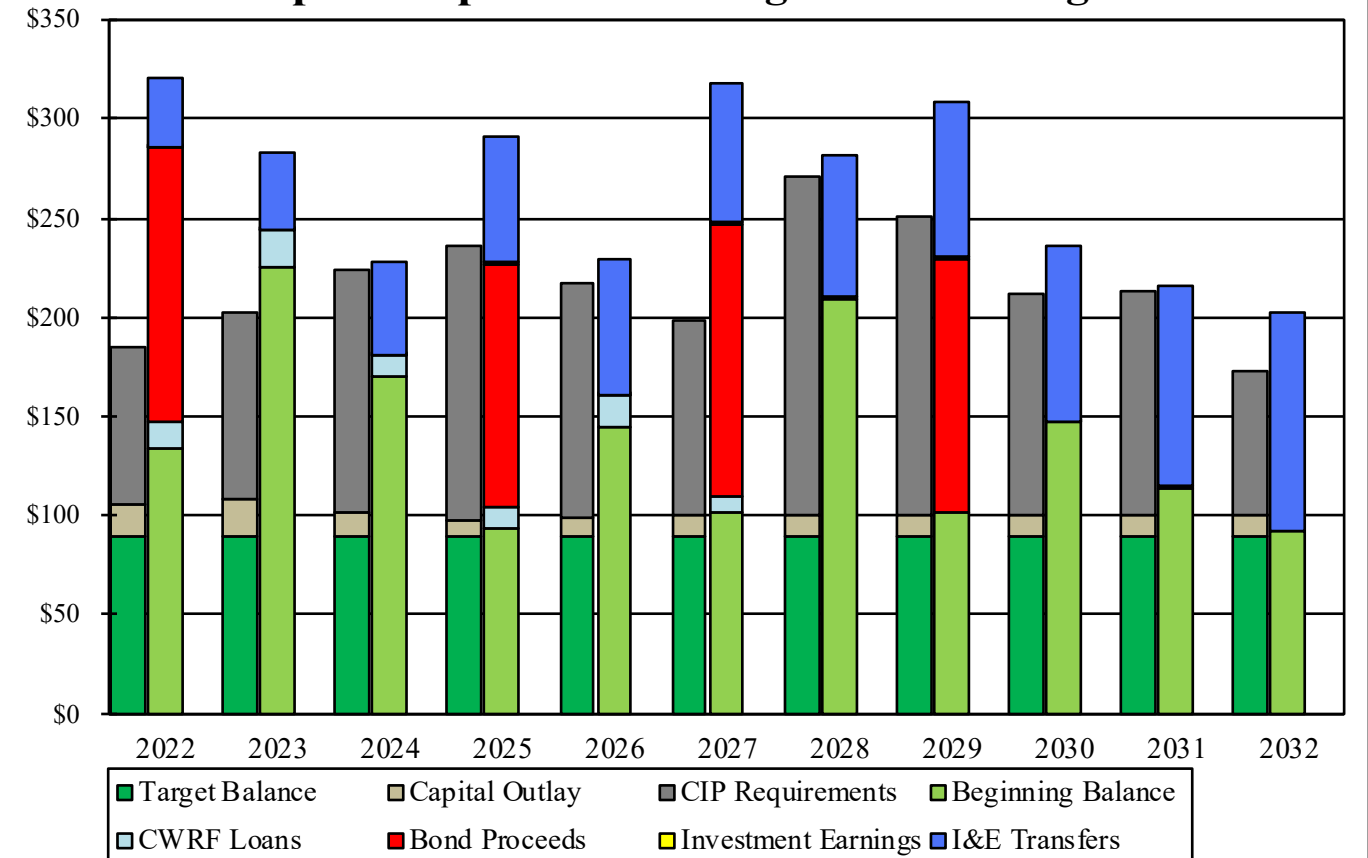
We are hopeful that this executive summary presentation provides a platform for comprehensive understanding of the GLWA financial planning policies and assumptions as applied in the development of the approved FY 2023 Budget and the approved FY 2023 Water Charges and Sewer Charges. We are prepared to develop further updated forecasts as GLWA begins the planning process for the projected revenue bond transactions in the coming months.

Capital Improvement Program Financing Plan



	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Requirements											
Target Balance	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
Capital Outlay	17.0	15.5	13.4	10.4	9.6	9.0	10.0	10.0	10.0	10.0	10.0
CIP Requirement	143.4	157.4	182.2	179.1	141.6	121.5	218.4	218.5	169.3	166.4	143.5
Total	250.4	262.8	285.6	279.5	241.2	220.5	318.4	318.5	269.3	266.4	243.5
Sources											
Beginning Balance	219.9	298.4	205.1	101.8	219.1	100.9	290.4	100.3	242.4	101.2	207.5
DWRf Loans	36.5	55.0	59.4	21.4	2.4	22.5	-	-	-	-	-
Bond Proceeds	175.8	-	-	256.5	-	261.3	-	327.8	-	237.5	-
Investment Earnings	0.1	0.1	0.4	1.2	1.3	1.1	2.1	2.4	1.6	1.7	1.2
I&E Transfers	26.6	24.3	32.6	27.7	29.3	35.1	36.2	40.4	36.4	43.5	46.8
Total Sources	458.8	377.9	297.5	408.7	252.2	420.9	328.7	470.9	280.4	383.9	255.5
End Balance	298.4	205.1	101.8	219.1	100.9	290.4	100.3	242.4	101.2	207.5	102.0

Capital Improvement Program Financing Plan



	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Requirements											
Target Balance	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
Capital Outlay	16.0	18.4	11.6	8.1	8.7	10.3	10.0	10.0	10.0	10.0	10.0
CIP Requirement	79.5	94.4	121.7	138.4	118.3	98.5	171.1	151.0	111.7	113.5	72.8
Total	185.5	202.9	223.3	236.5	216.9	198.7	271.1	251.0	211.7	213.5	172.8
Sources											
Beginning Balance	133.9	225.1	170.4	94.0	145.0	102.2	209.6	101.1	147.6	114.4	92.0
CWRf Loans	14.1	18.7	10.2	9.8	15.4	7.2	-	-	-	-	-
Bond Proceeds	137.8	-	-	123.5	-	137.8	-	128.3	-	-	-
Investment Earnings	0.1	0.1	0.3	0.6	0.5	0.5	1.2	1.1	0.4	0.3	-
I&E Transfers	34.7	39.3	46.5	63.6	68.3	70.7	71.4	78.1	88.1	100.9	110.9
Total Sources	320.6	283.2	227.4	291.5	229.2	318.4	282.2	308.6	236.1	215.5	202.9
End Balance	225.1	170.4	94.0	145.0	102.2	209.6	101.1	147.6	114.4	92.0	120.1

Water Table 4

GLWA Wholesale System Capital Improvement Program Financing Plan (\$ millions)

Line No.	Fiscal Year Ended June 30,												
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total	
Financing Requirements													
1	Budgeted Capital Outlay	17.0	15.5	13.4	10.4	9.6	9.0	10.0	10.0	10.0	10.0	124.9	
2	Major Capital Improvement Program (a)	143.4	157.4	182.2	179.1	141.6	121.5	218.4	218.5	169.3	166.4	1,841.2	
3	Total Financing Requirements	160.4	172.8	195.6	189.5	151.2	130.5	228.4	228.5	179.3	176.4	1,966.1	
Financing Sources													
Construction Fund													
4	Beginning Balance (b)	12.4	188.3	114.8	10.6	128.5	10.8	200.2	9.8	152.4	11.1	117.0	12.4 (g)
5	State Drinking Water Revolving Fund Loans	56.0	74.3	70.5	21.4	2.4	22.5	-	-	-	-	-	247.2
6	Less: Transfer to DWSD Constr. Fund	(19.5)	(19.3)	(11.1)	-	-	-	-	-	-	-	-	(49.9)
7	Net State DWRP Financing for Authority	36.5	55.0	59.4	21.4	2.4	22.5	-	-	-	-	-	197.3
8	Transfers from Water Constr. Bond Fund (Line 2)	175.8	0.1	0.4	257.7	1.3	262.3	2.1	330.2	1.6	239.2	1.2	1,271.9
9	Transfers from Water I&E Fund (Line 26)	106.8	28.7	18.2	17.9	20.2	26.1	25.8	30.9	26.4	33.1	36.8	371.1
10	Total Construction Fund Sources	331.6	272.1	192.8	307.6	152.4	321.7	228.2	370.9	180.4	283.5	155.1	1,852.8
11	Uses - Major CIP Expenditures (Line 2)	143.4	157.4	182.2	179.1	141.6	121.5	218.4	218.5	169.3	166.4	143.5	1,841.2
12	Ending Balance	188.3	114.8	10.6	128.5	10.8	200.2	9.8	152.4	11.1	117.0	11.6	11.6 (h)
Subsidiary Capital Financing Funds													
Construction Bond Fund													
13	Beginning Balance (b)	-	-	-	-	-	-	-	-	-	-	-	0.0 (g)
Bond Proceeds													
14	Water System Revenue Bonds (c)	185.0	-	-	270.0	-	275.0	-	345.0	-	250.0	-	1,325.0
15	Less: Transfer to DWSD Const. Fund (e)	-	-	-	-	-	-	-	-	-	-	-	0.0
16	Less: Issuance Expenses (f)	(9.3)	-	-	(13.5)	-	(13.8)	-	(17.3)	-	(12.5)	-	(66.3)
17	Net Bond Proceeds Available	175.8	-	-	256.5	-	261.3	-	327.8	-	237.5	-	1,258.8
18	Investment Income	0.1	0.1	0.4	1.2	1.3	1.1	2.1	2.4	1.6	1.7	1.2	13.2
19	Total Construction Bond Fund Sources	175.8	0.1	0.4	257.7	1.3	262.3	2.1	330.2	1.6	239.2	1.2	1,271.9
20	Less: Transfer to GLWA Construction Fund	(175.8)	(0.1)	(0.4)	(257.7)	(1.3)	(262.3)	(2.1)	(330.2)	(1.6)	(239.2)	(1.2)	(1,271.9)
21	Ending Balance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 (h)
GLWA Regional System Improvement and Extension Account													
22	Beginning Balance (b)	207.5	110.2	90.3	91.3	90.6	90.2	90.1	90.5	90.1	90.0	90.4	207.5 (g)
23	Transfers from Water Receiving Fund	26.6	24.3	32.6	27.7	29.3	35.1	36.2	40.4	36.4	43.5	46.8	378.9
24	Total I&E Fund Sources	234.0	134.5	122.9	118.9	120.0	125.3	126.3	130.9	126.5	133.5	137.2	586.4
25	Less: Capital Outlay (Line 1)	(17.0)	(15.5)	(13.4)	(10.4)	(9.6)	(9.0)	(10.0)	(10.0)	(10.0)	(10.0)	(10.0)	(124.9)
26	Less: Transfer to GLWA Construction Fund	(106.8)	(28.7)	(18.2)	(17.9)	(20.2)	(26.1)	(25.8)	(30.9)	(26.4)	(33.1)	(36.8)	(371.1)
27	Ending Balance	110.2	90.3	91.3	90.6	90.2	90.1	90.5	90.1	90.0	90.4	90.4	90.4 (h)
28	Combined Ending Balance of Capital Funds	298.4	205.1	101.8	219.1	100.9	290.4	100.3	242.4	101.2	207.5	102.0	102.0 (h)

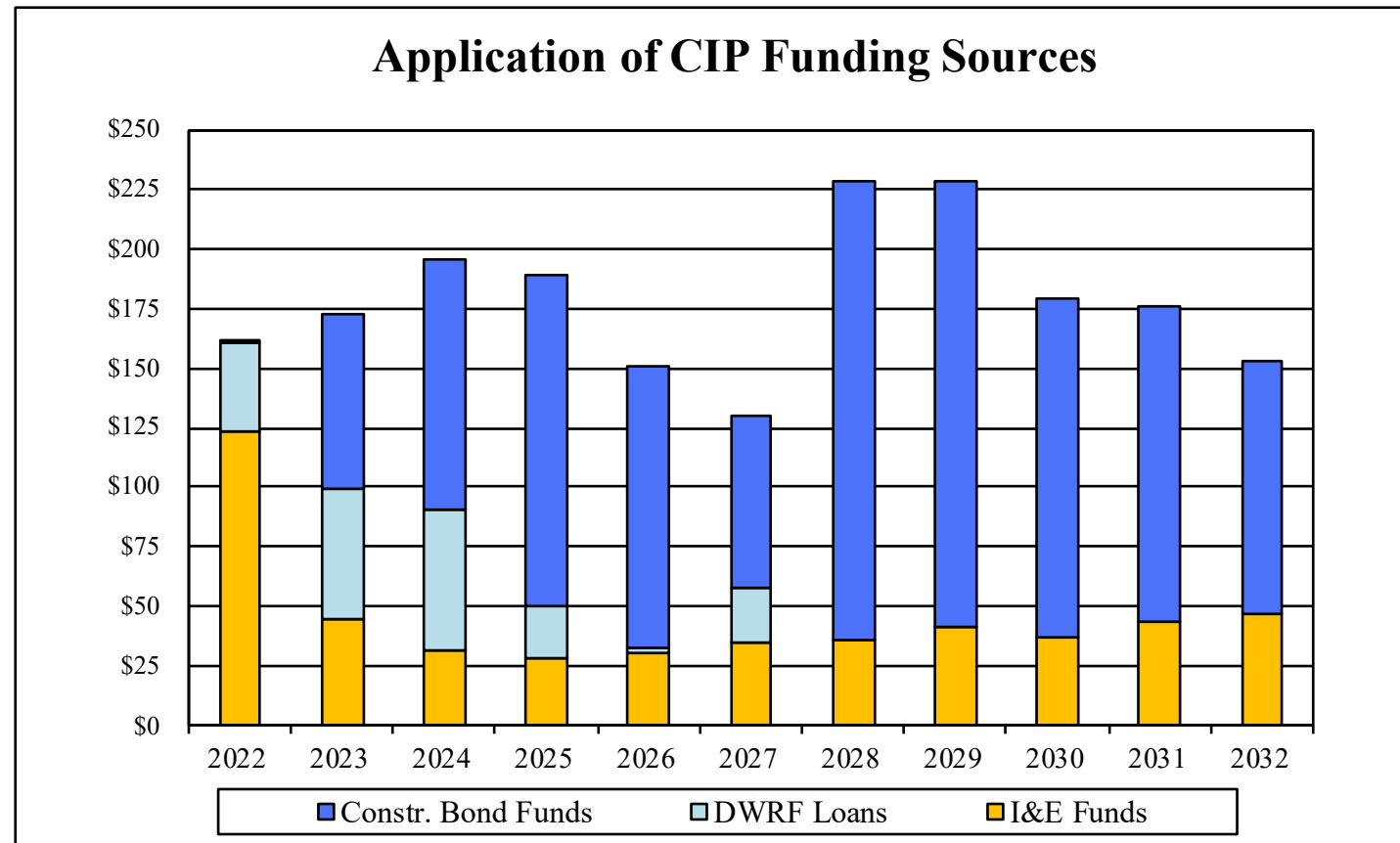
- (a) From Table 1.
- (b) Estimated balance available June 30, 2021 (applies only to Fiscal Year 2022).
- (c) Par value for future bonds.
- (d) Reserved
- (e) Includes amounts to provide funding to the DWSD CIP.
- (f) Assumes amounts will be required from bond proceeds to fund debt service reserve fund.
- (g) Total column reflects estimated balance available June 30, 2021.
- (h) Total column reflects estimated balance available June 30, 2032.

Sewer Table 4

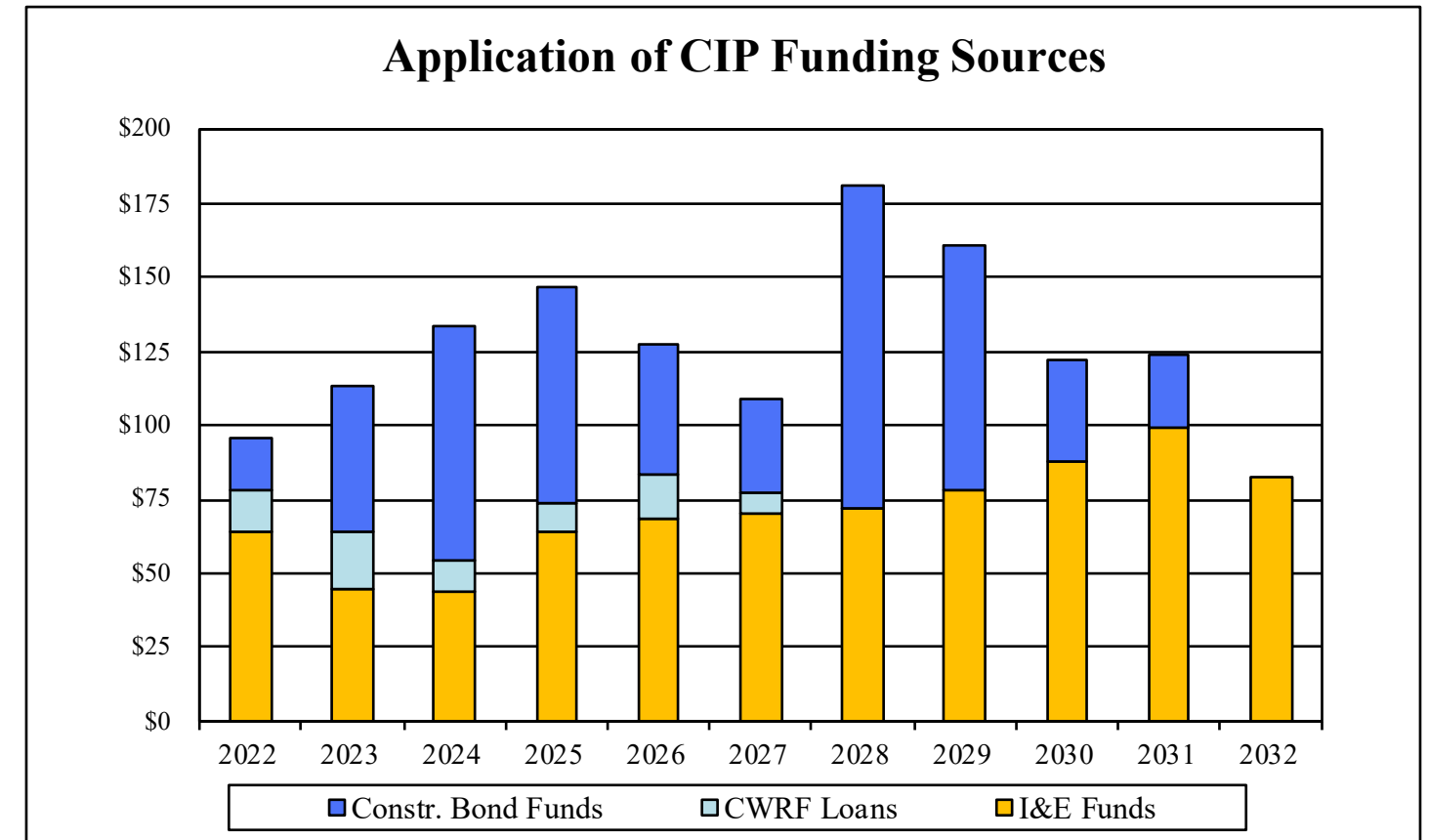
GLWA Wholesale System Capital Improvement Program Financing Plan (\$ millions)

Line No.	Fiscal Year Ended June 30,												
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	Total	
Financing Requirements													
1	Budgeted Capital Outlay	16.0	18.4	11.6	8.1	8.7	10.3	10.0	10.0	10.0	10.0	123.1	
2	Major Capital Improvement Program (a)	79.5	94.4	121.7	138.4	118.3	98.5	171.1	151.0	111.7	113.5	1,270.9	
3	Total Financing Requirements	95.5	112.9	133.3	146.5	126.9	108.7	181.1	161.0	121.7	123.5	82.8	1,394.0
Financing Sources													
Construction Fund													
4	Beginning Balance (b)	11.5	131.9	82.7	3.6	55.0	11.9	118.7	10.9	57.4	24.2	0.0	11.5 (g)
5	State Clean Water Revolving Fund Loans	21.6	25.3	13.4	9.8	15.4	7.2	-	-	-	-	-	92.7
6	Less: Transfer to DWSD Constr. Fund	(7.5)	(6.5)	(3.2)	-	-	-	-	-	-	-	-	(17.2)
7	Net State DWRP Financing for Authority	14.1	18.7	10.2	9.8	15.4	7.2	-	-	-	-	-	75.5
8	Transfers from Sewer Constr. Bond Fund (Line 2)	137.8	0.1	0.3	124.1	0.5	138.2	1.2	129.3	0.4	0.3	-	532.2
9	Transfers from Sewer I&E Fund (Line 27)	48.0	26.4	32.2	55.8	59.3	59.8	62.1	68.1	78.2	89.0	72.8	651.8
10	Total Construction Fund Sources	211.4	177.1	125.4	193.4	130.2	217.2	182.0	208.3	135.9	113.5	72.8	1,270.9
11	Uses - Major CIP Expenditures (Line 2)	79.5	94.4	121.7	138.4	118.3	98.5	171.1	151.0	111.7	113.5	72.8	1,270.9
12	Ending Balance	131.9	82.7	3.6	55.0	11.9	118.7	10.9	57.4	24.2	0.0	0.0	0.0 (h)
Subsidiary Capital Financing Funds													
Construction Bond Funds													
13	Beginning Balance (b)	-	-	-	-	-	-	-	-	-	-	-	- (g)
Bond Proceeds													
14	Sewer System Revenue Bonds (c)	145.0	-	-	130.0	-	145.0	-	135.0	-	-	-	555.0
15	Less: Transfer to DWSD Const. Fund (e)	-	-	-	-	-	-	-	-	-	-	-	-
16	Less: Issuance Expenses (f)	(7.3)	-	-	(6.5)	-	(7.3)	-	(6.8)	-	-	-	(27.8)
17	Net Bond Proceeds Available	137.8	-	-	123.5	-	137.8	-	128.3	-	-	-	527.3
18	Investment Income	0.1	0.1	0.3	0.6	0.5	0.5	1.2	1.1	0.4	0.3	-	4.9
19	Total Constr. Bond Fund Sources	137.8	0.1	0.3	124.1	0.5	138.2	1.2	129.3	0.4	0.3	-	532.2
20	Less: Transfer to GLWA Construction Fund	(137.8)	(0.1)	(0.3)	(124.1)	(0.5)	(138.2)	(1.2)	(129.3)	(0.4)	(0.3)	-	(532.2)
21	Ending Balance	-	-	-	-	-	-	-	-	-	-	-	- (h)
GLWA Regional System Improvement and Extension Account													
22	Beginning Balance (b)	122.4	93.2	87.7	90.4	90.0	90.3	90.9	90.2	90.2	90.2	92.0	122.4 (g)
23	Transfers from Sewer Receiving Fund	34.3	39.3	46.5	63.6	68.3	70.7	71.4	78.1	88.1	100.9	110.9	772.1
24	Other Sources - DWSD Loan Receivable Pmts	0.4	-	-	-	-	-	-	-	-	-	-	0.4
25	Total I&E Fund Sources	157.1	132.6	134.2	154.0	158.3	161.0	162.3	168.3	178.3	191.0	202.9	894.9
26	Less: Capital Outlay (Line 1)	(16.0)	(18.4)	(11.6)	(8.1)	(8.7)	(10.3)	(10.0)	(10.0)	(10.0)	(10.0)	(10.0)	(123.1)
27	Less: Transfer to GLWA Construction Fund	(48.0)	(26.4)	(32.2)	(55.8)	(59.3)	(59.8)	(62.1)	(68.1)	(78.2)	(89.0)	(72.8)	(651.8)
28	Ending Balance	93.2	87.7	90.4	90.0	90.3	90.9	90.2	90.2	90.2	92.0	120.1	120.1 (h)
29	Combined Ending Balance of Capital Funds	225.1	170.4	94.0	145.0	102.2	209.6	101.1	147.6	114.4	92.0	120.1	120.1 (h)

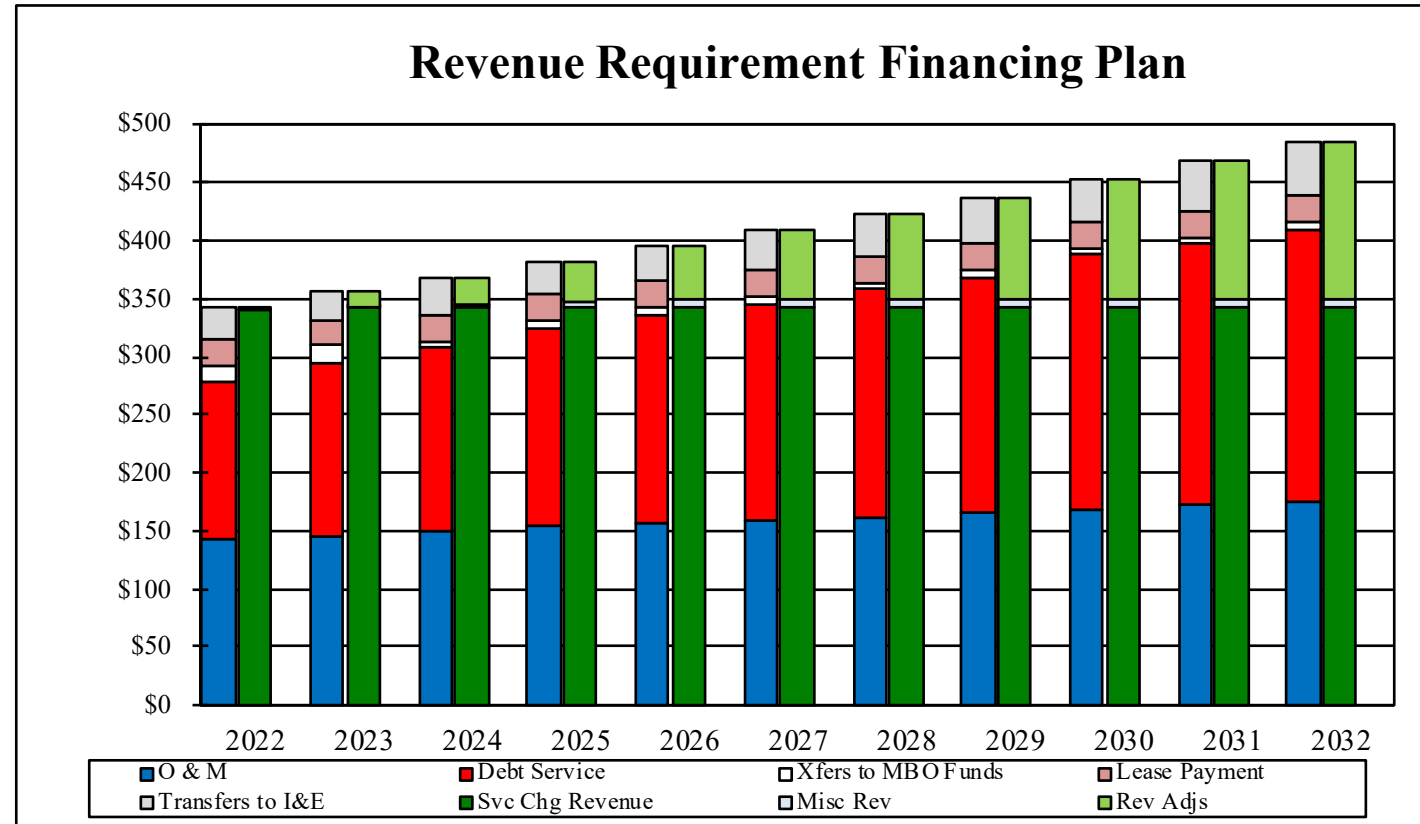
- (a) From Table 1.
- (b) Estimated balance available June 30, 2021 (applies only to Fiscal Year 2022).
- (c) Par value for future bonds.
- (d) Reserved
- (e) Includes amounts to provide funding to the DWSD CIP.
- (f) Assumes amounts will be required from bond proceeds to fund debt service reserve fund.
- (g) Total column reflects estimated balance available June 30, 2021.
- (h) Total column reflects estimated balance available June 30, 2032.



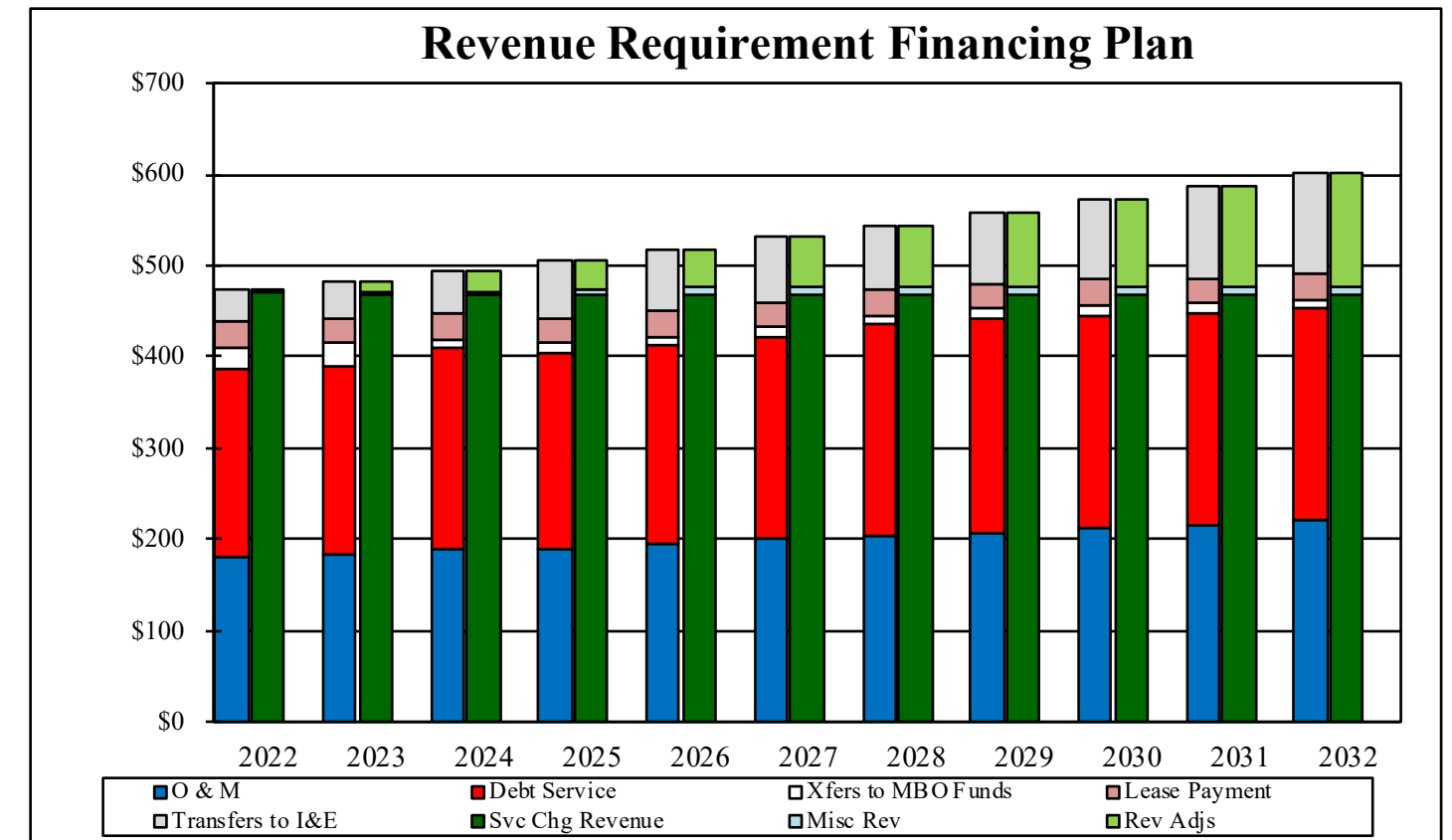
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
I&E Funds	123.8	44.2	31.6	28.3	29.8	35.2	35.8	40.9	36.4	43.1	46.8
DWRP Loans	36.5	55.0	59.4	21.4	2.4	22.5	-	-	-	-	-
Constr. Bond Funds	0.0	73.6	104.5	139.8	119.0	72.8	192.5	187.7	142.8	133.3	106.6
<i>I&E Spend % of Total</i>	77%	26%	16%	15%	20%	27%	16%	18%	20%	24%	31%
<i>I&E Deposit % of Tot</i>	17%	14%	17%	15%	19%	27%	16%	18%	20%	25%	31%



	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
I&E Funds	63.9	44.9	43.8	63.9	68.0	70.1	72.1	78.1	88.2	99.0	82.8
CWRF Loans	14.1	18.7	10.2	9.8	15.4	7.2	-	-	-	-	-
Constr. Bond Funds	17.4	49.3	79.3	72.8	43.6	31.4	109.0	82.9	33.5	24.5	-
<i>I&E Spend % of Total</i>	67%	40%	33%	44%	54%	64%	40%	49%	72%	80%	100%
<i>I&E Deposit % of Tot</i>	36%	35%	35%	43%	54%	65%	39%	49%	72%	82%	134%



	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
REVENUE											
Svc. Chg. Revenue	340.4	342.3	342.3	342.3	342.3	342.3	342.3	342.3	342.3	342.3	342.3
Charge Adjustments		3.7%	3.3%	3.0%	3.0%	3.6%	3.5%	3.6%	3.5%	3.6%	3.6%
Revenue from Adjs		12.7	24.2	35.1	46.4	60.2	74.5	89.3	104.4	120.3	136.7
Other	1.7	1.1	2.0	4.1	6.1	6.1	6.2	6.2	6.3	6.3	6.3
Total Revenue	342.1	356.1	368.5	381.4	394.8	408.6	422.9	437.7	453.0	468.9	485.3
BUDGET											
O&M Expense	143.9	144.8	148.7	154.3	155.6	159.2	162.3	165.6	168.9	172.3	175.7
Debt Service	135.1	150.3	159.2	170.6	181.0	185.6	195.7	202.9	218.9	224.3	233.9
Xfers to MBO Funds	14.0	14.1	5.5	6.3	6.4	6.3	6.2	6.2	6.3	6.3	6.4
Lease Payment	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
Transfers to I&E	26.6	24.3	32.6	27.7	29.3	35.1	36.2	40.4	36.4	43.5	46.8
Total BUDGET	342.1	356.1	368.5	381.4	394.8	408.6	422.9	437.7	453.0	468.9	485.3
Balance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
REVENUE											
Svc. Chg. Revenue	471.0	468.6	468.6	468.6	468.6	468.6	468.6	468.6	468.6	468.6	468.6
Charge Adjustments		2.4%	2.3%	2.0%	2.1%	2.5%	2.5%	2.5%	2.6%	2.6%	2.5%
Revenue from Adjs		11.2	22.1	32.1	42.3	55.3	68.5	82.2	96.2	110.7	125.1
Other	1.9	1.6	2.7	5.0	7.4	7.4	7.5	7.4	7.3	7.2	7.4
Total Revenue	472.9	481.4	493.4	505.7	518.4	531.3	544.6	558.2	572.2	586.5	601.2
BUDGET											
O&M Expense	181.3	184.1	189.4	190.5	196.0	199.7	203.7	207.8	211.9	216.2	220.5
Debt Service	205.0	205.6	220.7	212.9	215.4	222.5	231.4	234.2	234.0	231.3	231.7
Xfers to MBO Funds	24.8	24.8	9.4	11.2	11.2	10.9	10.6	10.6	10.6	10.6	10.6
Lease Payment	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
Transfers to I&E	34.3	39.3	46.5	63.6	68.3	70.7	71.4	78.1	88.1	100.9	110.9
Total BUDGET	472.9	481.4	493.4	505.7	518.4	531.3	544.6	558.2	572.2	586.5	601.2
Balance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Water Table 5a

Wholesale System Revenue Requirement Financing Plan (\$ millions)

Line No.	Item	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Revenue (a)												
1	Operating Revenue Under Existing Charges	340.4	342.3	342.3	342.3	342.3	342.3	342.3	342.3	342.3	342.3	342.3
Projected Revenue from Adjustments												
2	FY 2023: 3.7%		12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
3	FY 2024: 3.3%			11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
4	FY 2025: 3.0%				10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
5	FY 2026: 3.0%					11.3	11.3	11.3	11.3	11.3	11.3	11.3
6	FY 2027: 3.6%						13.9	13.9	13.9	13.9	13.9	13.9
7	FY 2028: 3.5%							14.2	14.2	14.2	14.2	14.2
8	FY 2029: 3.6%								14.8	14.8	14.8	14.8
9	FY 2030: 3.5%									15.2	15.2	15.2
10	FY 2031: 3.6%										15.9	15.9
11	FY 2032: 3.5%											16.4
12	Total Projected Revenue from Water Charges	340.4	354.9	366.5	377.4	388.7	402.5	416.8	431.5	446.7	462.6	479.0
13	Other Revenue	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
14	Non-Operating Revenue	1.5	1.0	1.8	3.9	5.9	5.9	6.0	6.0	6.1	6.1	6.1
15	Total Revenue Available	342.1	356.1	368.5	381.4	394.8	408.6	422.9	437.7	453.0	468.9	485.3
Revenue Requirements												
16	Transfer to GLWA Regional O&M Account	143.9	144.8	148.7	154.3	155.6	159.2	162.3	165.6	168.9	172.3	175.7
17	Transfer to GLWA Pension O&M Account	6.0	6.0	-	-	-	-	-	-	-	-	-
18	Total O&M Expense	150.0	150.9	148.7	154.3	155.6	159.2	162.3	165.6	168.9	172.3	175.7
19	Debt Service Allocation - Regional System	135.1	150.3	159.2	170.6	181.0	185.6	195.7	202.9	218.9	224.3	233.9
20	Non-Operating Portion of Pension Obligation	5.4	5.4	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
21	B & C Note Non-Operating Payments	0.9	0.9	0.9	1.7	1.6	1.4	1.3	1.3	1.2	1.2	1.2
22	Transfer to Pension Obligation Payment Fund	6.3	6.3	3.6	4.4	4.4	4.2	4.1	4.0	4.0	4.0	4.0
23	Transfer to WRAP Fund	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.4
24	Lease Payment to DWSD Local System	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
25	Transfer to GLWA Regional I&E Account	26.6	24.3	32.6	27.7	29.3	35.1	36.2	40.4	36.4	43.5	46.8
26	Total Revenue Requirements	342.1	356.1	368.5	381.4	394.8	408.6	422.9	437.7	453.0	468.9	485.3
27	Indicated Balance (Deficiency)	-	-	-	-	-	-	-	-	-	-	-
28	Projected Debt Service Coverage Ratio (Regional)	1.42	1.36	1.38	1.33	1.32	1.34	1.33	1.34	1.30	1.32	1.32
29	Net Revenues (15) - (18)	192.1	205.2	219.8	227.1	239.1	249.4	260.6	272.1	284.1	296.6	309.6
30	Revenues Remaining after Debt Service (29)-(19)	57.0	54.8	60.6	56.5	58.2	63.9	64.9	69.2	65.2	72.3	75.7
31	Applied to MBO Reserve Funds (22,23)	(8.0)	(8.0)	(5.5)	(6.3)	(6.4)	(6.3)	(6.2)	(6.2)	(6.3)	(6.3)	(6.4)
32	Applied as Lease Payment to DWSD (24)	(22.5)	(22.5)	(22.5)	(22.5)	(22.5)	(22.5)	(22.5)	(22.5)	(22.5)	(22.5)	(22.5)
33	Available for I&E Fund (29) - (30,31,32)	26.6	24.3	32.6	27.7	29.3	35.1	36.2	40.4	36.4	43.5	46.8

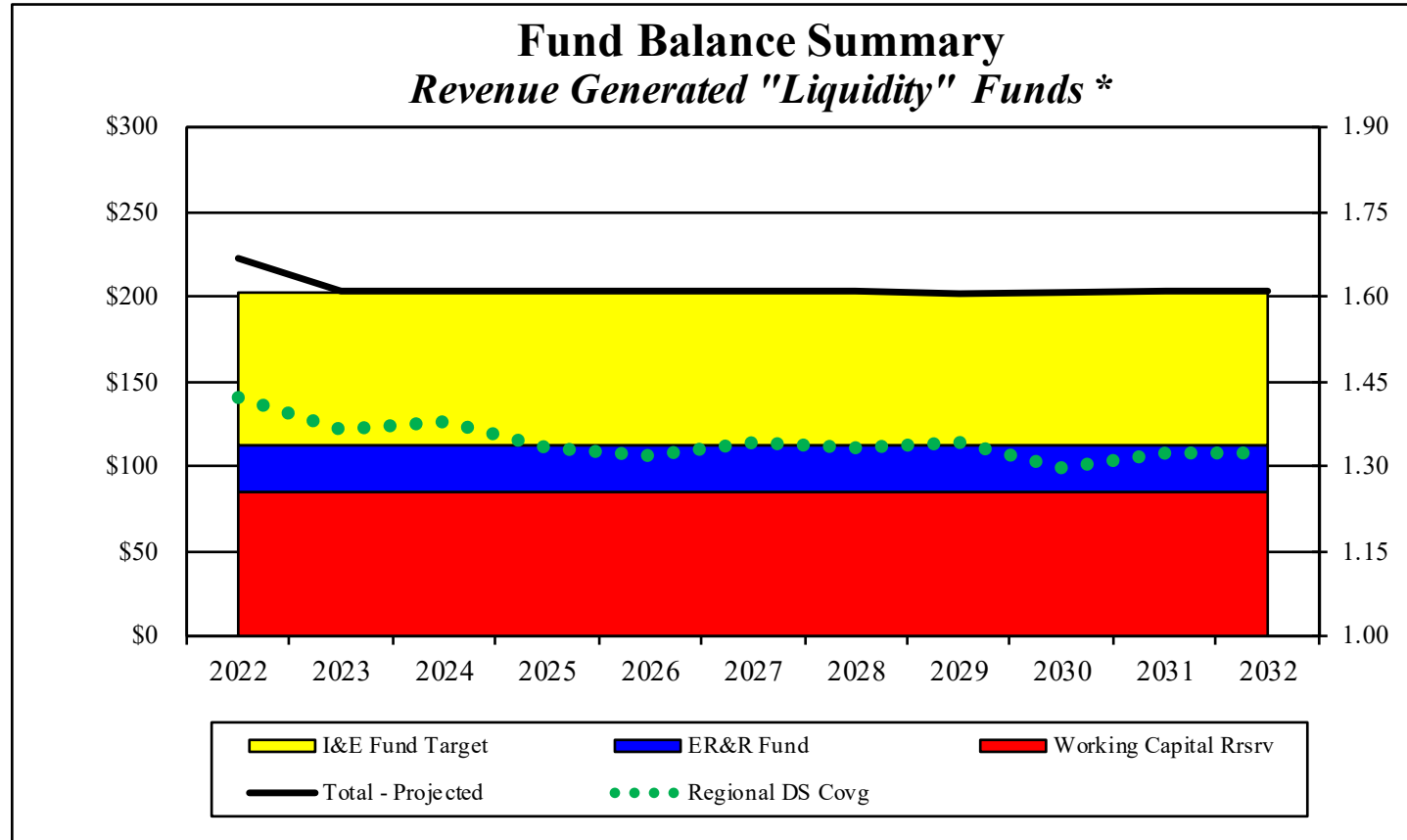
(a) From Table 3. Based on application of FY 2022 charges for 2022 through 2032.

Sewer Table 5a

Wholesale System Revenue Requirement Financing Plan (\$ millions)

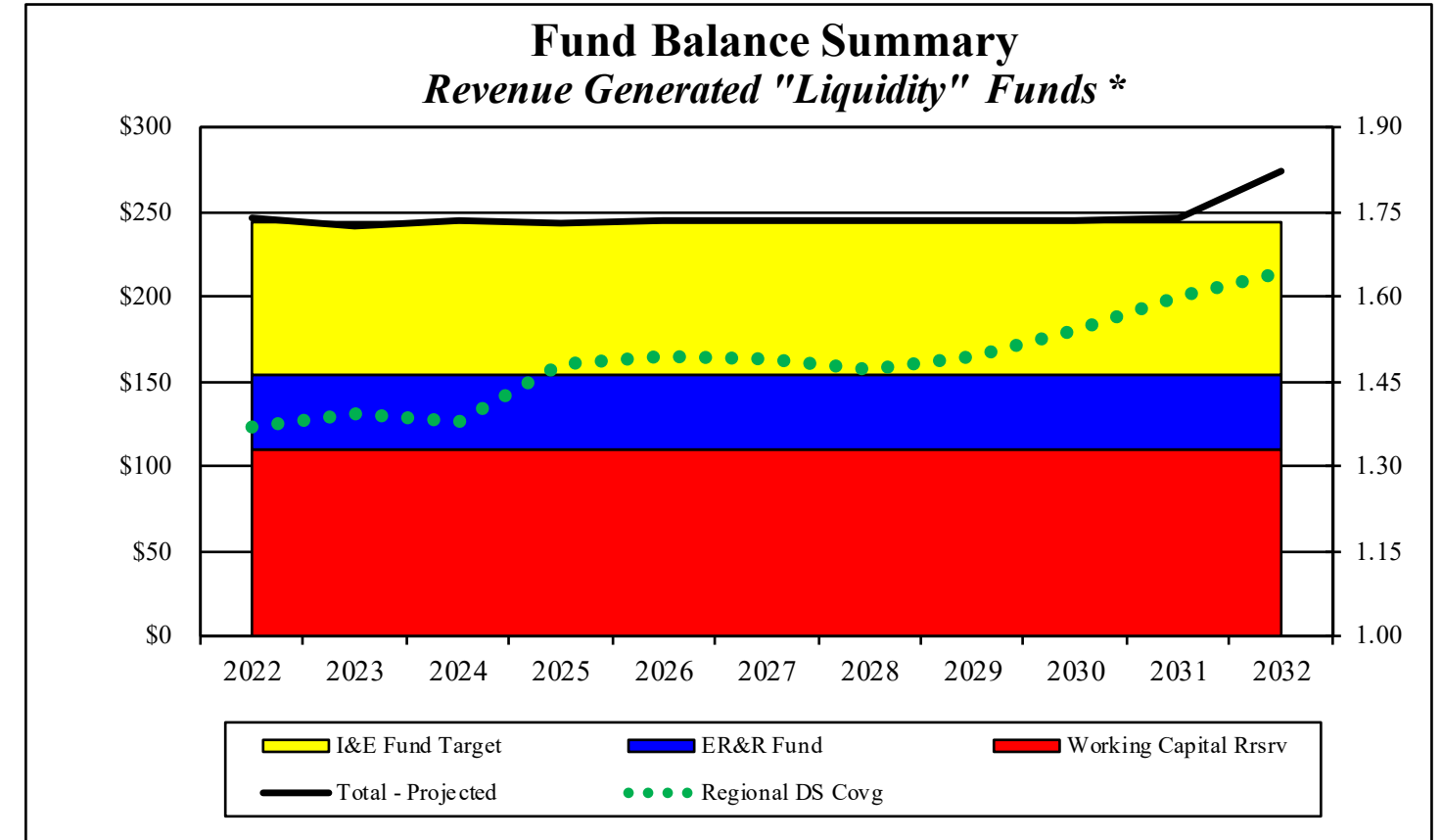
Line No.	Item	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Revenue (a)												
1	Operating Revenue Under Existing Charges	471.0	468.6	468.6	468.6	468.6	468.6	468.6	468.6	468.6	468.6	468.6
Projected Revenue from Adjustments												
2	FY 2023: 2.4%		11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
3	FY 2024: 2.3%			10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
4	FY 2025: 2.0%				10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
5	FY 2026: 2.1%					10.3	10.3	10.3	10.3	10.3	10.3	10.3
6	FY 2027: 2.5%						12.9	12.9	12.9	12.9	12.9	12.9
7	FY 2028: 2.5%							13.2	13.2	13.2	13.2	13.2
8	FY 2029: 2.5%								13.7	13.7	13.7	13.7
9	FY 2030: 2.6%									14.1	14.1	14.1
10	FY 2031: 2.6%										14.4	14.4
11	FY 2032: 2.5%											14.4
12	Total Operating Revenue	471.0	479.8	490.7	500.7	511.0	523.9	537.1	550.8	564.9	579.3	593.8
13	Other Revenue	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
14	Non-Operating Revenue	1.5	1.2	2.3	4.6	7.0	7.0	7.1	7.0	6.9	6.8	7.0
15	Total Revenue Available	472.9	481.4	493.4	505.7	518.4	531.3	544.6	558.2	572.2	586.5	601.2
Revenue Requirements												
16	Transfer to GLWA Regional O&M Account	181.3	184.1	189.4	190.5	196.0	199.7	203.7	207.8	211.9	216.2	220.5
17	Transfer to GLWA Pension O&M Account	10.8	10.8	-	-	-	-	-	-	-	-	-
18	Total O&M Expense	192.1	194.9	189.4	190.5	196.0	199.7	203.7	207.8	211.9	216.2	220.5
19	Debt Service Allocation - Regional System	205.0	205.6	220.7	212.9	215.4	222.5	231.4	234.2	234.0	231.3	231.7
20	Non-Operating Portion of Pension Obligation	9.7	9.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
21	B & C Note Non-Operating Payments	2.0	2.0	2.0	3.7	3.6	3.3	2.9	2.9	2.8	2.7	2.7
22	Transfer to Pension Obligation Payment Fund	11.6	11.6	6.9	8.7	8.6	8.2	7.9	7.8	7.8	7.7	7.6
23	Transfer to WRAP Fund	2.4	2.4	2.5	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0
24	Lease Payment to DWSD Local System	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
25	Transfer to GLWA Regional I&E Account	34.3	39.3	46.5	63.6	68.3	70.7	71.4	78.1	88.1	100.9	110.9
26	Total Revenue Requirements	472.9	481.4	493.4	505.7	518.4	531.3	544.6	558.2	572.2	586.5	601.2
27	Indicated Balance (Deficiency)	-	-	-	-	-	-	-	-	-	-	-
28	Projected Debt Service Coverage Ratio (Regional)	1.37	1.39	1.38	1.48	1.50	1.49	1.47	1.50	1.54	1.60	1.64
29	Net Revenues (15) - (18)	280.8	286.5	304.0	315.2	322.4	331.6	340.9	350.5	360.3	370.3	380.7
30	Revenues Remaining after Debt Service (29)-(19)	75.8	80.9	83.4	102.3	107.0	109.1	109.5	116.2	126.2	139.0	149.0
31	Applied to MBO Reserve Funds (22,23)	(14.0)	(14.0)	(9.4)	(11.2)	(11.2)	(10.9)	(10.6)	(10.6)	(10.6)	(10.6)	(10.6)
32	Applied as Lease Payment to DWSD (24)	(27.5)	(27.5)	(27.5)	(27.5)	(27.5)	(27.5)	(27.5)	(27.5)	(27.5)	(27.5)	(27.5)
33	Available for I&E Fund (29) - (30,31,32)	34.3	39.3	46.5	63.6	68.3	70.7	71.4	78.1	88.1	100.9	110.9

(a) From Table 3. Based on application of FY 2022 charges for 2022 through 2032.



	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Fund Balance Minimums											
Working Capital Rrsr	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
ER&R Fund	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
I&E Fund Target	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
Total - Minimums	202.5	202.5	202.5	202.5	202.5	202.5	202.5	202.5	202.5	202.5	202.5
Projections											
Working Capital Rrsr	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
ER&R Fund	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
I&E Fund	110.2	90.3	91.3	90.6	90.2	90.1	90.5	90.1	90.0	90.4	90.4
Total - Projected	222.7	202.8	203.8	203.1	202.7	202.6	203.0	202.6	202.5	202.9	202.9
Projected > Minimum	20.2	0.3	1.3	0.6	0.2	0.1	0.5	0.1	0.0	0.4	0.4
Regional DS Covg	1.42	1.36	1.38	1.33	1.32	1.34	1.33	1.34	1.30	1.32	1.32

* Revenue Generated Funds only. Excludes Debt Service Reserve & Construction Funds (Bond Generated) & "Pass Thru" Funds such as Debt Service Payment Funds, WRAP, etc.



	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Fund Balance Minimums											
Working Capital Rrsr	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
ER&R Fund	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
I&E Fund Target	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
Total - Minimums	244.0	244.0	244.0	244.0	244.0	244.0	244.0	244.0	244.0	244.0	244.0
Projections											
Working Capital Rrsr	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
ER&R Fund	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
I&E Fund	93.2	87.7	90.4	90.0	90.3	90.9	90.2	90.2	90.2	92.0	120.1
Total - Projected	247.2	241.7	244.4	244.0	244.3	244.9	244.2	244.2	244.2	246.0	274.1
Projected > Minimum	3.2	(2.3)	0.4	0.0	0.3	0.9	0.2	0.2	0.2	2.0	30.1
Regional DS Covg	1.37	1.39	1.38	1.48	1.50	1.49	1.47	1.50	1.54	1.60	1.64

* Revenue Generated Funds only. Excludes Debt Service Reserve & Construction Funds (Bond Generated) & "Pass Thru" Funds such as Debt Service Payment Funds, WRAP, etc.

Water Table 6

Projected Cash and Investment Fund Balances - Wholesale System (\$ millions) (a)

Line No.	Fiscal Year Ended June 30,										
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Working Capital Reserve (b)											
1	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
2	-	-	-	-	-	-	-	-	-	-	-
3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
Budget Stabilization Fund (a)											
4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
5	-	-	-	-	-	-	-	-	-	-	-
6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
ER&R Fund (a)											
7	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
8	-	-	-	-	-	-	-	-	-	-	-
9	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
I&E Fund (c)											
10	207.5	110.2	90.3	91.3	90.6	90.2	90.1	90.5	90.1	90.0	90.4
11	(17.0)	(15.5)	(13.4)	(10.4)	(9.6)	(9.0)	(10.0)	(10.0)	(10.0)	(10.0)	(10.0)
12	(106.8)	(28.7)	(18.2)	(17.9)	(20.2)	(26.1)	(25.8)	(30.9)	(26.4)	(33.1)	(36.8)
13	83.6	66.0	58.7	63.0	60.9	55.0	54.3	49.6	53.6	46.9	43.6
14	26.6	24.3	32.6	27.7	29.3	35.1	36.2	40.4	36.4	43.5	46.8
15	110.2	90.3	91.3	90.6	90.2	90.1	90.5	90.1	90.0	90.4	90.4
Total Revenue Generated Funds (d)											
16	322.0	224.7	204.8	205.8	205.1	204.7	204.6	205.0	204.6	204.5	204.9
17	(97.3)	(19.9)	1.0	(0.6)	(0.5)	(0.0)	0.3	(0.4)	(0.0)	0.4	(0.0)
18	224.7	204.8	205.8	205.1	204.7	204.6	205.0	204.6	204.5	204.9	204.9
19	565	511	500	480	475	465	456	447	438	430	421
Other Funds											
20	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
21	-	-	-	-	-	-	-	-	-	-	-
22	188.3	114.8	10.6	128.5	10.8	200.2	9.8	152.4	11.1	117.0	11.6
23	417.4	324.1	220.8	338.1	219.9	409.4	219.3	361.4	220.2	326.5	221.0
24	229.2	209.3	210.3	209.6	209.2	209.1	209.5	209.1	209.0	209.4	209.4

(a) Technically includes "Combined System" amounts held by GLWA.

(b) Represents Operating Reserve and amounts maintained in the Receiving Fund for subsequent MBO transfers.

(c) Only includes GLWA Regional I&E Account. Does not include Lease Payment transferred to DWSD Local I&E Account.

(d) Excludes MBO Funds that are funded and assumed to be fully expended each year, such as the Bond Interest and Redemption Funds, the Pension Obligation Payment Fund, and the WRAP Fund.

(e) Excludes Budget Stabilization Fund amounts from Line 6.

Sewer Table 6

Projected Cash and Investment Fund Balances - Wholesale System (\$ millions) (a)

Line No.	Fiscal Year Ended June 30,										
	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Working Capital Reserve (b)											
1	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
2	-	-	-	-	-	-	-	-	-	-	-
3	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0
Budget Stabilization Fund (a)											
4	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
5	-	-	-	-	-	-	-	-	-	-	-
6	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
ER&R Fund (a)											
7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
8	-	-	-	-	-	-	-	-	-	-	-
9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
I&E Fund (c)											
10	122.4	93.2	87.7	90.4	90.0	90.3	90.9	90.2	90.2	90.2	92.0
11	(16.0)	(18.4)	(11.6)	(8.1)	(8.7)	(10.3)	(10.0)	(10.0)	(10.0)	(10.0)	(10.0)
12	(48.0)	(26.4)	(32.2)	(55.8)	(59.3)	(59.8)	(62.1)	(68.1)	(78.2)	(89.0)	(72.8)
13	58.5	48.3	43.9	26.4	22.0	20.2	18.8	12.1	2.0	(8.8)	9.2
14	34.3	39.3	46.5	63.6	68.3	70.7	71.4	78.1	88.1	100.9	110.9
15	0.4	-	-	-	-	-	-	-	-	-	-
16	93.2	87.7	90.4	90.0	90.3	90.9	90.2	90.2	90.2	92.0	120.1
Total Revenue Generated Funds (e)											
17	281.4	252.2	246.7	249.4	249.0	249.3	249.9	249.2	249.2	249.2	251.0
18	(29.6)	(5.5)	2.7	(0.4)	0.3	0.6	(0.7)	0.0	(0.0)	1.9	28.0
19	251.8	246.7	249.4	249.0	249.3	249.9	249.2	249.2	249.2	251.0	279.1
20	497	479	471	467	455	448	438	429	420	415	454
Other Funds											
21	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
22	-	-	-	-	-	-	-	-	-	-	-
23	21.3	24.6	39.7	42.6	21.8	22.6	54.5	47.8	16.8	12.2	(0.0)
24	791.0	771.6	781.1	780.0	747.1	741.2	762.2	747.0	707.4	699.6	753.7
25	769.7	746.9	741.4	737.5	725.3	718.6	707.7	699.2	690.6	687.4	753.7

(a) Technically includes "Combined System" amounts held by GLWA.

(b) Represents Operating Reserve and amounts maintained in the Receiving Fund for subsequent MBO transfers.

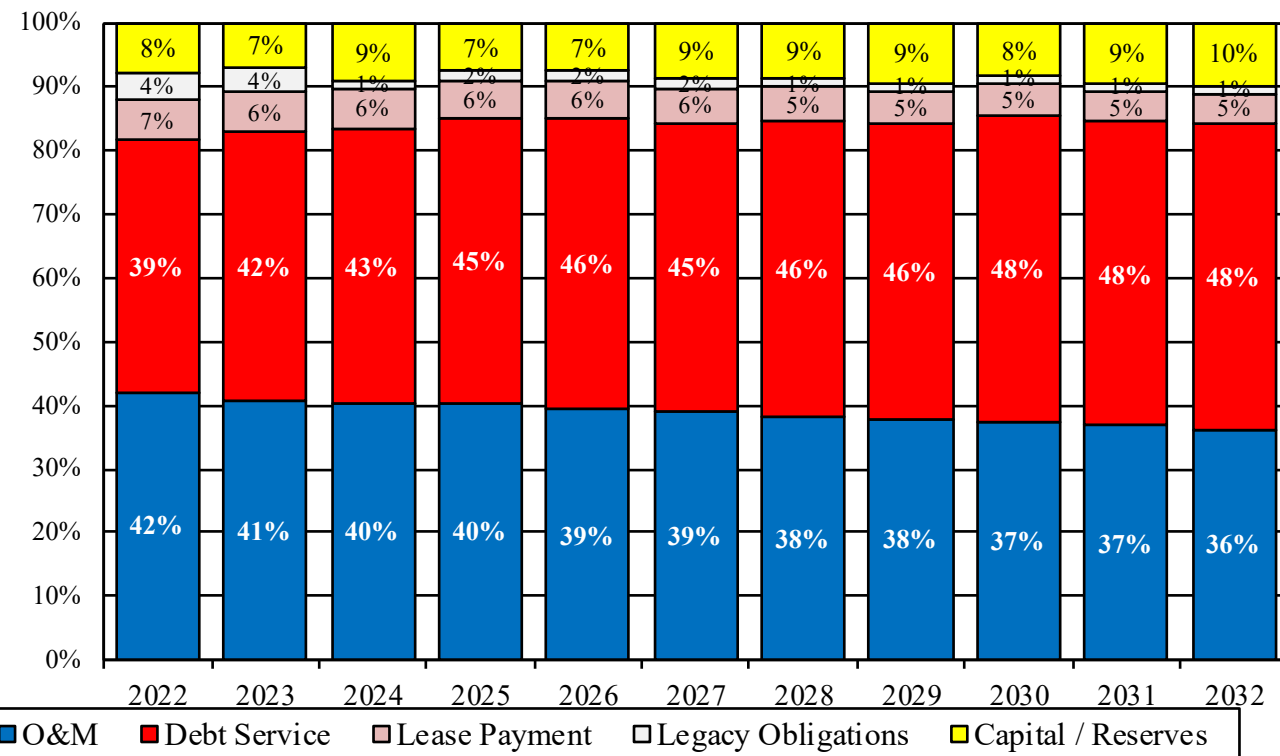
(c) Only includes GLWA Regional I&E Account. Does not include Lease Payment transferred to DWSD Local I&E Account.

(d) Repayment of DWSD loan receivable.

(e) Excludes MBO Funds that are funded and assumed to be fully expended each year, such as the Bond Interest and Redemption Funds, the Pension Obligation Payment Fund, and the WRAP Fund.

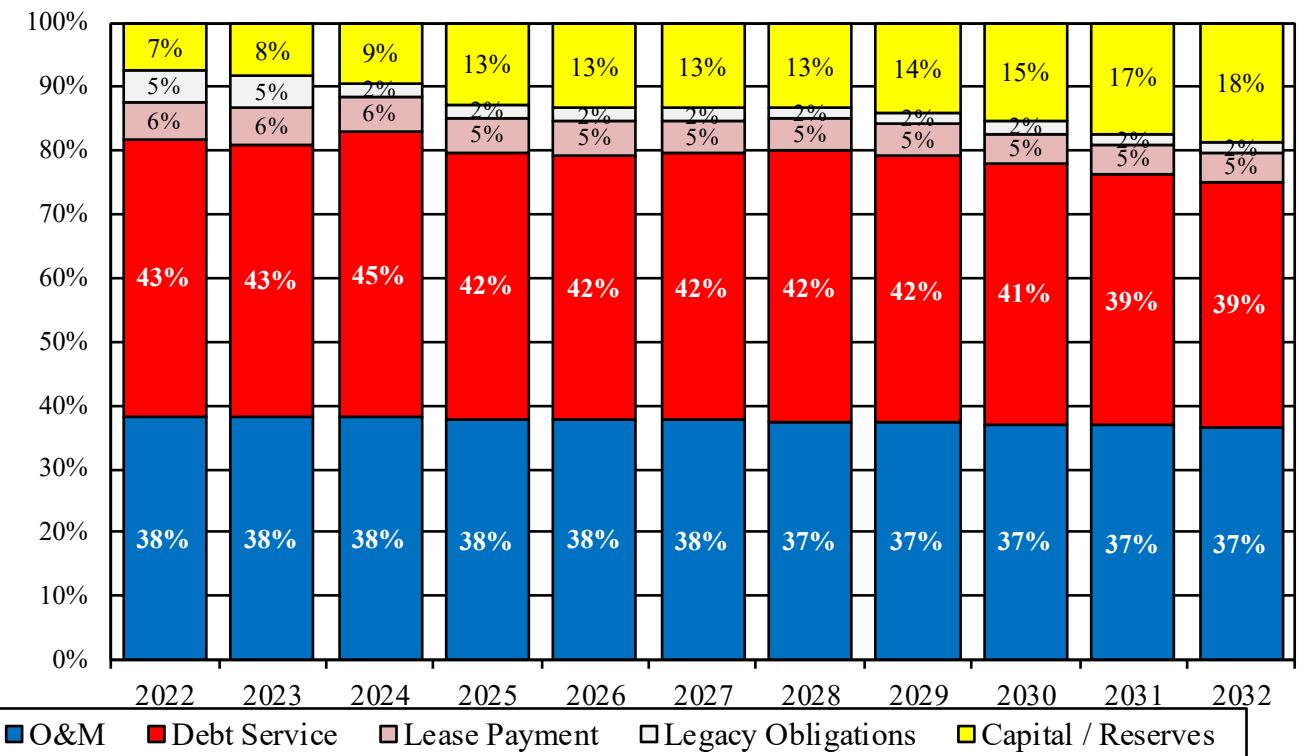
(f) Excludes Budget Stabilization Fund amounts from Line 6.

Relative Revenue Requirement Distribution

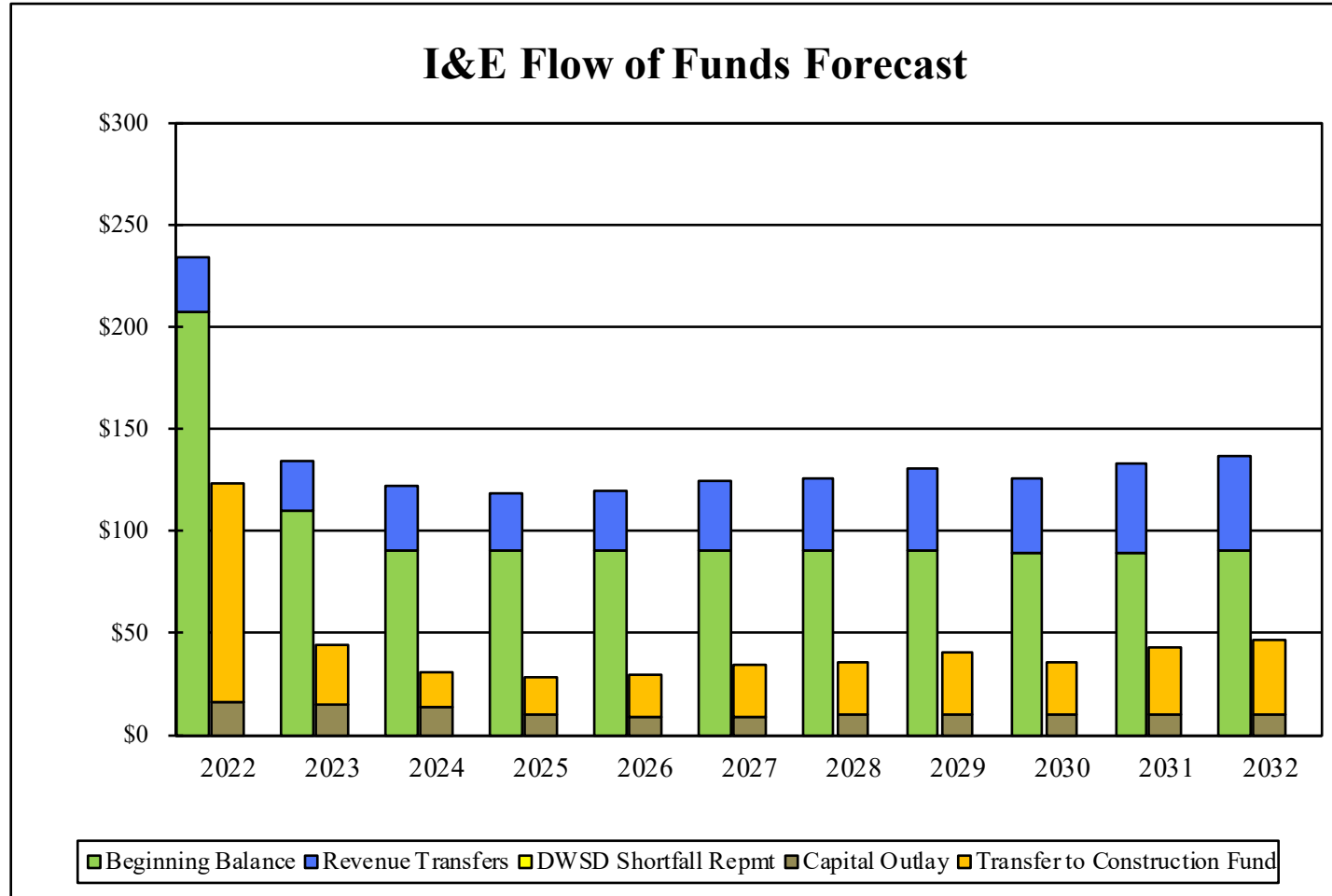


	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
O&M	143.9	144.8	148.7	154.3	155.6	159.2	162.3	165.6	168.9	172.3	175.7
Debt Service	135.1	150.3	159.2	170.6	181.0	185.6	195.7	202.9	218.9	224.3	233.9
Lease Payment	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
Legacy Obligations	14.0	14.1	5.5	6.3	6.4	6.3	6.2	6.2	6.3	6.3	6.4
Capital / Reserves	26.6	24.3	32.6	27.7	29.3	35.1	36.2	40.4	36.4	43.5	46.8
Total	342.1	356.1	368.5	381.4	394.8	408.6	422.9	437.7	453.0	468.9	485.3

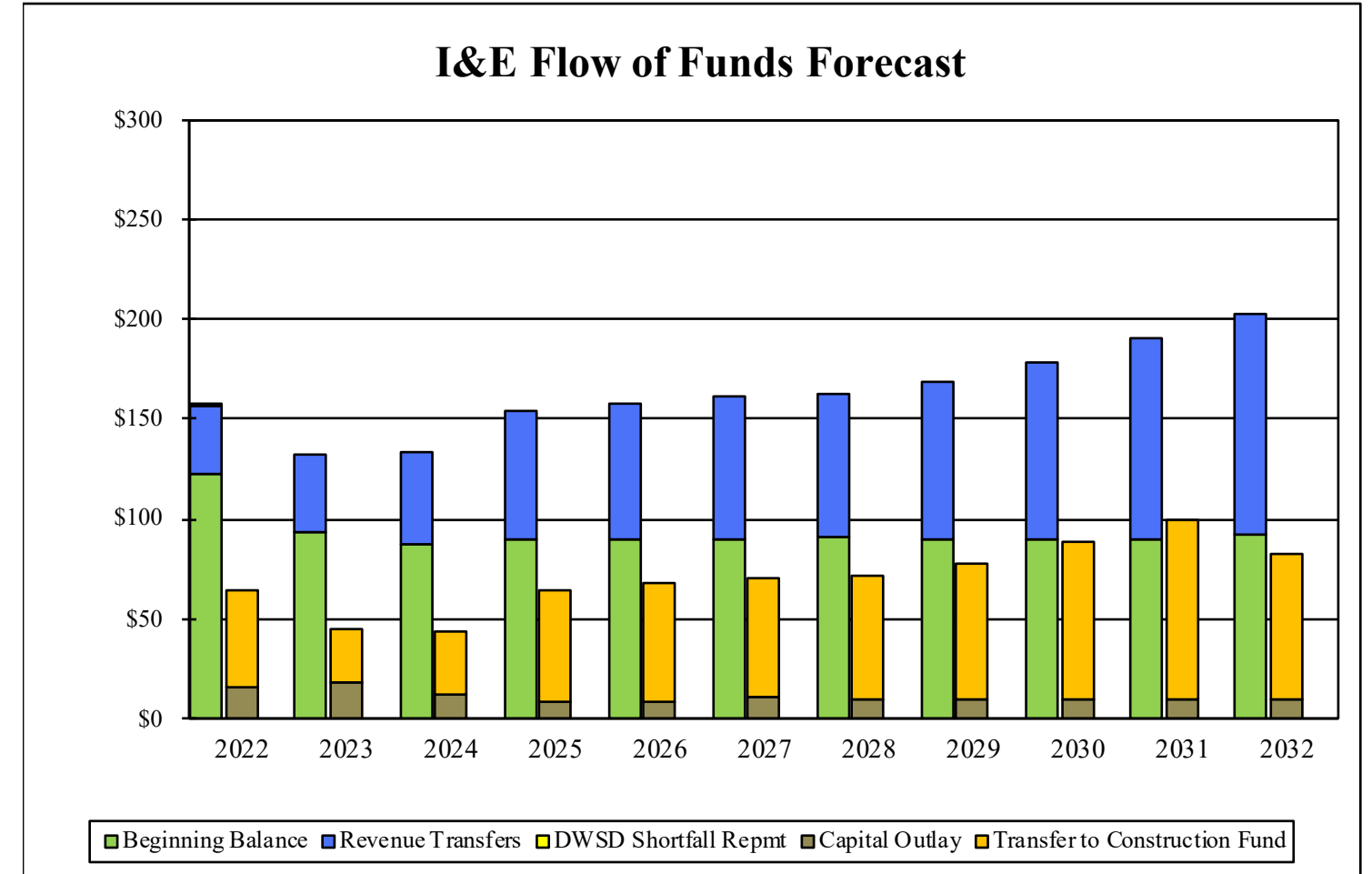
Relative Revenue Requirement Distribution



	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
O&M	181.3	184.1	189.4	190.5	196.0	199.7	203.7	207.8	211.9	216.2	220.5
Debt Service	205.0	205.6	220.7	212.9	215.4	222.5	231.4	234.2	234.0	231.3	231.7
Lease Payment	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
Legacy Obligations	24.8	24.8	9.4	11.2	11.2	10.9	10.6	10.6	10.6	10.6	10.6
Capital / Reserves	34.3	39.3	46.5	63.6	68.3	70.7	71.4	78.1	88.1	100.9	110.9
Total	472.9	481.4	493.4	505.7	518.4	531.3	544.6	558.2	572.2	586.5	601.2



	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Beginning Balance	207.5	110.2	90.3	91.3	90.6	90.2	90.1	90.5	90.1	90.0	90.4
Capital Outlay	(17.0)	(15.5)	(13.4)	(10.4)	(9.6)	(9.0)	(10.0)	(10.0)	(10.0)	(10.0)	(10.0)
Transfer to Constr	(106.8)	(28.7)	(18.2)	(17.9)	(20.2)	(26.1)	(25.8)	(30.9)	(26.4)	(33.1)	(36.8)
Initial Balance	83.6	66.0	58.7	63.0	60.9	55.0	54.3	49.6	53.6	46.9	43.6
Revenue Transfers	26.6	24.3	32.6	27.7	29.3	35.1	36.2	40.4	36.4	43.5	46.8
Ending Balance	110.2	90.3	91.3	90.6	90.2	90.1	90.5	90.1	90.0	90.4	90.4



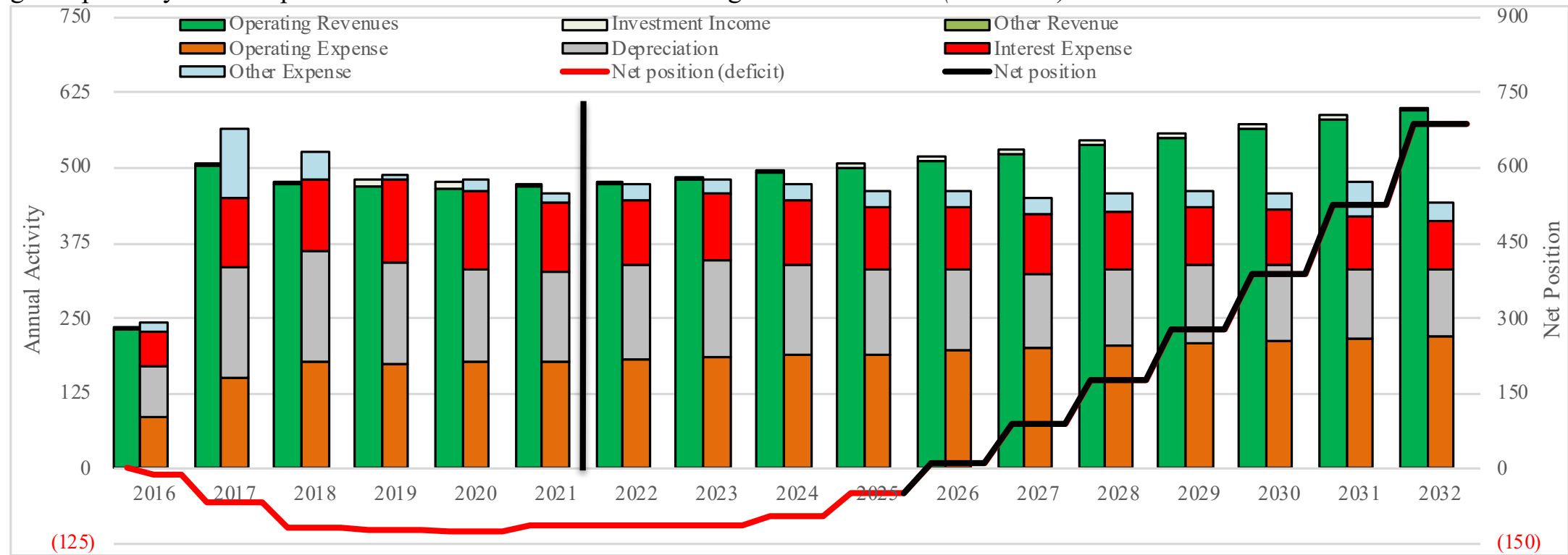
	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Beginning Balance	122.4	93.2	87.7	90.4	90.0	90.3	90.9	90.2	90.2	90.2	92.0
Capital Outlay	(16.0)	(18.4)	(11.6)	(8.1)	(8.7)	(10.3)	(10.0)	(10.0)	(10.0)	(10.0)	(10.0)
Transfer to Constr	(48.0)	(26.4)	(32.2)	(55.8)	(59.3)	(59.8)	(62.1)	(68.1)	(78.2)	(89.0)	(72.8)
Initial Balance	58.5	48.3	43.9	26.4	22.0	20.2	18.8	12.1	2.0	(8.8)	9.2
Revenue Transfers	34.3	39.3	46.5	63.6	68.3	70.7	71.4	78.1	88.1	100.9	110.9
DWSD Shortfall Repmt	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ending Balance	93.2	87.7	90.4	90.0	90.3	90.9	90.2	90.2	90.2	92.0	120.1

Water Supply System - Reported and Forecasted Statement of Changes in Net Position (\$ millions)



	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
	<i>Act.</i>	<i>Act.</i>	<i>Act.</i>	<i>Act.</i>	<i>Act.</i>	<i>Act.</i>	<i>Est.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>
1 Total operating revenues	167.7	351.7	338.3	331.6	334.3	344.6	347.2	361.8	373.4	384.2	395.5	409.3	423.6	438.4	453.5	469.4	485.8
2 Operating expenses	49.5	101.7	108.5	119.8	132.5	123.6	143.9	144.8	148.7	154.3	155.6	159.2	162.3	165.6	168.9	172.3	175.7
3 Depreciation/Amortization	71.3	144.1	146.1	144.1	130.7	126.8	129.2	135.3	117.0	97.5	97.5	94.6	97.2	102.0	101.4	99.5	101.4
4 Total operating expenses	120.8	245.9	254.6	264.0	263.3	250.5	273.1	280.2	265.7	251.9	253.2	253.8	259.5	267.6	270.3	271.7	277.2
5 Operating income	46.8	105.9	83.7	67.6	71.0	94.1	74.1	81.6	107.7	132.3	142.3	155.6	164.1	170.8	183.2	197.7	208.6
Nonoperating revenue (expenses)																	
6 Earnings on investments	0.4	1.8	6.1	14.8	13.7	0.8	1.6	1.1	2.2	5.1	7.3	7.0	8.1	8.4	7.7	7.8	7.3
7 Interest Expense - Bonded Debt	(56.5)	(113.7)	(118.2)	(114.2)	(111.3)	(106.3)	(104.2)	(110.7)	(108.9)	(110.9)	(112.2)	(112.9)	(113.8)	(115.4)	(116.8)	(115.5)	(113.8)
8 Other Non-Operating	5.2	6.4	4.4	15.3	7.0	10.5	17.2	16.6	15.7	14.7	13.6	12.4	11.1	9.8	7.7	5.6	3.5
9 Special Item	0.0	(32.8)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7 Change in net position	(4.1)	(32.4)	(24.0)	(16.4)	(19.5)	(0.9)	(11.3)	(11.4)	16.7	41.3	51.0	62.0	69.4	73.6	81.8	95.7	105.6
10 Net position (deficit), beginning of year	0.0	(4.1)	(36.5)	(60.4)	(76.9)	(96.4)	(97.3)	(108.5)	(120.0)	(103.3)	(62.0)	(11.0)	51.0	120.4	194.0	275.8	371.5
11 Net position (deficit), end of year	(4.1)	(36.5)	(60.4)	(76.9)	(96.4)	(97.3)	(108.5)	(120.0)	(103.3)	(62.0)	(11.0)	51.0	120.4	194.0	275.8	371.5	477.1

Sewage Disposal System - Reported and Forecasted Statement of Changes in Net Position (\$ millions)



	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>	<u>2032</u>
	<i>Act.</i>	<i>Act.</i>	<i>Act.</i>	<i>Act.</i>	<i>Act.</i>	<i>Act.</i>	<i>Est.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>	<i>Proj.</i>
1 Total operating revenues	230.5	505.8	473.6	469.5	466.6	470.8	471.4	480.2	491.1	501.1	511.4	524.3	537.5	551.2	565.3	579.7	594.2
2 Operating expenses	84.4	151.3	176.4	174.0	176.9	178.1	181.3	184.1	189.4	190.5	196.0	199.7	203.7	207.8	211.9	216.2	220.5
3 Depreciation/Amortization	86.0	185.6	187.3	168.5	152.9	150.9	156.9	161.8	151.5	139.9	136.0	125.0	127.9	131.3	127.8	117.0	112.0
4 Total operating expenses	170.4	336.9	363.6	342.6	329.9	329.0	338.2	345.8	340.8	330.5	332.0	324.7	331.7	339.1	339.8	333.2	332.5
5 Operating income	60.1	168.9	110.0	126.9	136.8	141.8	133.2	134.4	150.3	170.6	179.4	199.6	205.9	212.1	225.5	246.5	261.7
Nonoperating revenue (expenses)																	
6 Earnings on investments	1.1	2.2	5.3	11.8	11.7	0.5	1.6	1.2	2.6	5.3	7.5	7.5	8.3	8.1	7.3	7.1	7.0
7 Interest Expense - Bonded Debt	(56.5)	(113.7)	(118.2)	(136.8)	(132.6)	(112.6)	(109.3)	(111.2)	(107.4)	(104.6)	(101.7)	(99.8)	(97.5)	(94.1)	(90.9)	(84.9)	(79.0)
8 Other Non-Operating	(17.2)	(51.7)	(46.9)	(7.5)	(17.1)	(17.4)	(25.1)	(25.5)	(25.9)	(26.3)	(26.8)	(27.2)	(27.8)	(28.3)	(28.9)	(29.5)	(30.2)
9 Special Item	0.0	(61.5)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7 Change in net position	(12.6)	(55.8)	(50.0)	(5.6)	(1.2)	12.3	0.4	(1.1)	19.5	45.0	58.4	80.1	88.9	97.8	113.0	139.1	159.5
10 Net position (deficit), beginning of yea	0.0	(12.6)	(68.4)	(118.3)	(123.9)	(125.2)	(112.9)	(112.4)	(113.5)	(94.0)	(49.0)	9.4	89.5	178.4	276.2	389.2	528.3
11 Net position (deficit), end of year	(12.6)	(68.4)	(118.3)	(123.9)	(125.2)	(112.9)	(112.4)	(113.5)	(94.0)	(49.0)	9.4	89.5	178.4	276.2	389.2	528.3	687.8