

FISCAL YEAR
2023

**BUDGET
ADOPTED**

JULY 1, 2022 - JUNE 30, 2023



wastewater + stormwater



Metropolitan St. Louis Sewer District
St. Louis, Missouri

METROPOLITAN ST. LOUIS SEWER DISTRICT AT A GLANCE

INCORPORATION/GOVERNMENT

EstablishedFebruary 9, 1954
 Form of government
 Political subdivision of the State of Missouri

The Plan of the District was drafted by a Board of Freeholders and approved by the voters in 1954 and amended in 2000, 2012 and 2021.

A six-member Board of Trustees -- three appointed by the Mayor of the City of St. Louis and three appointed by the County Executive of St. Louis County, sets the policy governing MSD.

<u>Board Member</u>	<u>Term Expires</u>
Michael Evans, Chair, (City)	3/15/2025
Ret. Col. Richard Wilson, (City).....	3/15/2022
Brian Wahby, (City)	3/15/2024
Amy Fehr, Vice Chair, (County).....	3/15/2024
Greg Nicozisin, (County)	3/15/2025
Brian K. Watson, (County).....	3/16/2026

Board meetings are held the second Thursday of the month and are open to the public. Various citizen groups are formed to submit comments on ballot propositions and key District initiatives.

The voters in the community must approve all debt issues and tax issues.

Bond Ratings Series 2022B*

S&P.....	AAA
Moody's	Aa1

*Overall Outstanding Rating is consistent with 2022B Series.

FY23 BUDGET

Operating Budget	\$235.6 million
CIRP	\$418.5 million
Debt Service	<u>\$168.8 million</u>
Total FY22 Budget	\$822.9 million

MAJOR SERVICES PROVIDED BY MSD

Wastewater Treatment
 Sanitary & Stormwater Maintenance
 Floodwater Control
 Pump Station Operation & Maintenance
 Monitoring of Industrial Waste
 Issuance of Pretreatment Discharge Permits
 Engineering Design and Specification
 Construction of Sewer Lines
 Plan Reviews and Approvals
 Issuance of Connection Permits

FY21 SERVICE STATISTICS

OPERATIONS

Sewer Lines9,400 Miles
 Treatment Plants 7 Plants
 Sewage Treatment:
 Average flow in million gallons
 per day (MGD) 300.6
 Treatment Capacity (MGD)..... 811
 Annual engineering maximum plant capacity
 (millions of gallons) 216,354
 Amount treated annually
 (millions of gallons) 109,195
 Unused Capacity (millions of gallons) ... 107,159
 Percentage of capacity utilized 50%

ENGINEERING

Engineering Services:
 Sewer Plans Approved 525
 Sewer Construction Permits Issued 2,130
 Sewer Connection Permits Issued 1,621

BILLING

Single Family Accounts 362,803
 Multi-Family Accounts..... 41,533
 Commercial-Industrial Accounts 23,960
 Total Accounts 428,296

DEMOGRAPHICS

Land Area520 square miles
 Population 1.3 million
 No. of Households - City & County 553,224
 No. of Registered Voters 981,832
 Median Age of Residents-City 36.0 yrs.
 Median Age of Residents-County 40.4 yrs.
 Median Household Income-City \$45,782
 Median Household Income-County \$68,661
 Median value of housing-City \$143,700
 Median value of housing-County \$206,700
 Persons below poverty level:

- St. Louis City 20.4%
 - St. Louis County 9.1%
 Unemployment St. Louis City 7.4%
 Unemployment St. Louis County 5.3%
 Unemployment Missouri Average 5.1%
 Unemployment National Average 3.9%

Cultural Institutions & Attractions:

- Gateway Arch
- St. Louis Art Museum
- Missouri History Museum
- Science Center
- Saint Louis Symphony
- Missouri Botanical Garden
- Busch Stadium – St. Louis Cardinals Baseball
- Enterprise Center – St. Louis Blues Hockey

Major employers include (local employees): BJC HealthCare (29,660), Washington University in St. Louis (18,488), Mercy (15,587), Boeing Defense, Space & Security (15,418), Scott Air Force Base (13,000), and SSM Health (11,446).

Fortune 500 companies include: Centene, Emerson Electric, Ameren, Post Holdings, Reinsurance Group of America, Edward Jones Investments, Olin, and Graybar Electric.

METROPOLITAN ST. LOUIS SEWER DISTRICT
FISCAL YEAR 2023 BUDGET
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AT A GLANCE

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GFOA DISTINGUISHED BUDGET AWARD

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The Introduction Section contains the information regarding how to use this document, a District Organizational Chart, a brief history of Greater St. Louis and the District, services provided by the District, significant demographic information, links to supplement budget documents and a map of the service area.

HOW TO USE THIS BUDGET DOCUMENT

The Metropolitan St. Louis Sewer District's Annual Budget is comprised of four separate documents: The Annual Budget, the Budget Supplements (Capital Improvement and Replacement Program budget and Budget Detail Fund document), and the Strategic Business and Operating Plan. This budget document is designed to communicate to the public concise and readable information about District policies, financial structure, operations and its organizational framework. It displays the District's goals, strategies and budget for the 2023 Fiscal Year (July 1, 2022 to June 30, 2023) and analyzes the District's revenues and expenditures. Throughout this book, rounding within reports may cause sub-totals or totals to appear off by a few dollars in either direction.

The document is broken down into the following sections:

Introduction: The introductory section contains the How to Use this Document, the District Organizational Chart with a listing of appointed Board members and key personnel followed by a brief history of Greater St. Louis and the District, services provided by the District, significant demographic information, and the District Watershed map.

Budget Message: The Executive Director's Budget Message provides an outline of the major assumptions relating to the annual budget, a general indication of the status of the District's finances and service levels, highlights principal issues facing the District, explains major priorities from prior year to current budget year, and short and long-term goals and other significant information.

Budget Summary: This section includes Budget & Financial Policies, a recap of the District's Strategic Planning Process, Vision Statement, Mission, Values, Goals, and Strategies. A Gantt chart that lists each department's objectives as they relate to the District's overall Strategic Business and Operating Plan and performance against prior year's objectives is also included. Each department's objectives coincide with MSD's goals and strategies. As each department works toward achieving their objectives, it will support the District in its mission to protect the public's health, safety and water environment by responsibly providing wastewater and stormwater management. The Budget Summary section presents the budgeted revenues and expenditures of the District along with Budget Policies and Procedures, Budget Calendar, and Allocated Positions. This section would describe major changes in service levels, fees, and/or taxes or state if there are no major difference, source of funding, debt authorization and ratio. Also, included is the comparison of Fund Basis verse GAAP Basis Statement of Operations.

Capital Improvement & Replacement Program Summary: This section provides an overview of the upcoming and continued capital projects. These projects are funded from a variety of sources, including user charges, fund balance reserves, taxes, State Revolving Fund (SRF) and revenue bonds. In addition, a multi-decade CIRP needs table and a proposed five-year timeline is presented. The **FY2023 Final CIRP (Capital Improvement and Replacement Program) Budget Supplement** provides detailed descriptions and locations of the sewer projects planned for Fiscal Year 2023.

General Fund: The General Fund section begins with revenue trends, an overview and comparison of the fund, followed by sections for individual departmental expenses. Each department's section includes their mission, recent accomplishments, department objectives, budget and staffing. Following the General Fund department expense sections, the document is broken down into other fund groups.

Revenue Funds: All user charge revenue is recorded in the Wastewater Revenue Fund. This fund represents actual, budgeted and projected wastewater user charge revenue with projected service levels. A portion of the revenue is allocated to the General Fund for daily operating and maintenance costs and a portion to the Debt Service Funds to retire outstanding revenue bonds issued for capital improvements. The balance of the revenue is transferred to the Sanitary Replacement Fund, the General Insurance Fund, the Water Backup Fund and the Emergency Fund. Stormwater user charges, previously reported in this section, have been discontinued starting with Fiscal Year 2017.

Construction Funds: This section provides actual, budgeted and projected revenues, capital improvement expenditures and fund balances including a detailed listing of planned projects and costs.

Stormwater Funds: These funds were established to account for ad valorem taxes. The Stormwater Regulatory Fund, Districtwide Stormwater Fund and the Stormwater Operations and Maintenance Funds are reported in this section and receive, or at one time received, property tax revenues. These are primarily stormwater dedicated funds for projects and stormwater operations and maintenance.

Operations, Maintenance, and Construction Improvement (OMCI) Funds: These funds were established to account for ad valorem taxes, which are their primary source of revenue. This revenue is restricted for stormwater operations and maintenance and related capital improvement projects within the individual taxing district, except for the Bonfils and Meramec subdistricts, which are dedicated to wastewater projects.

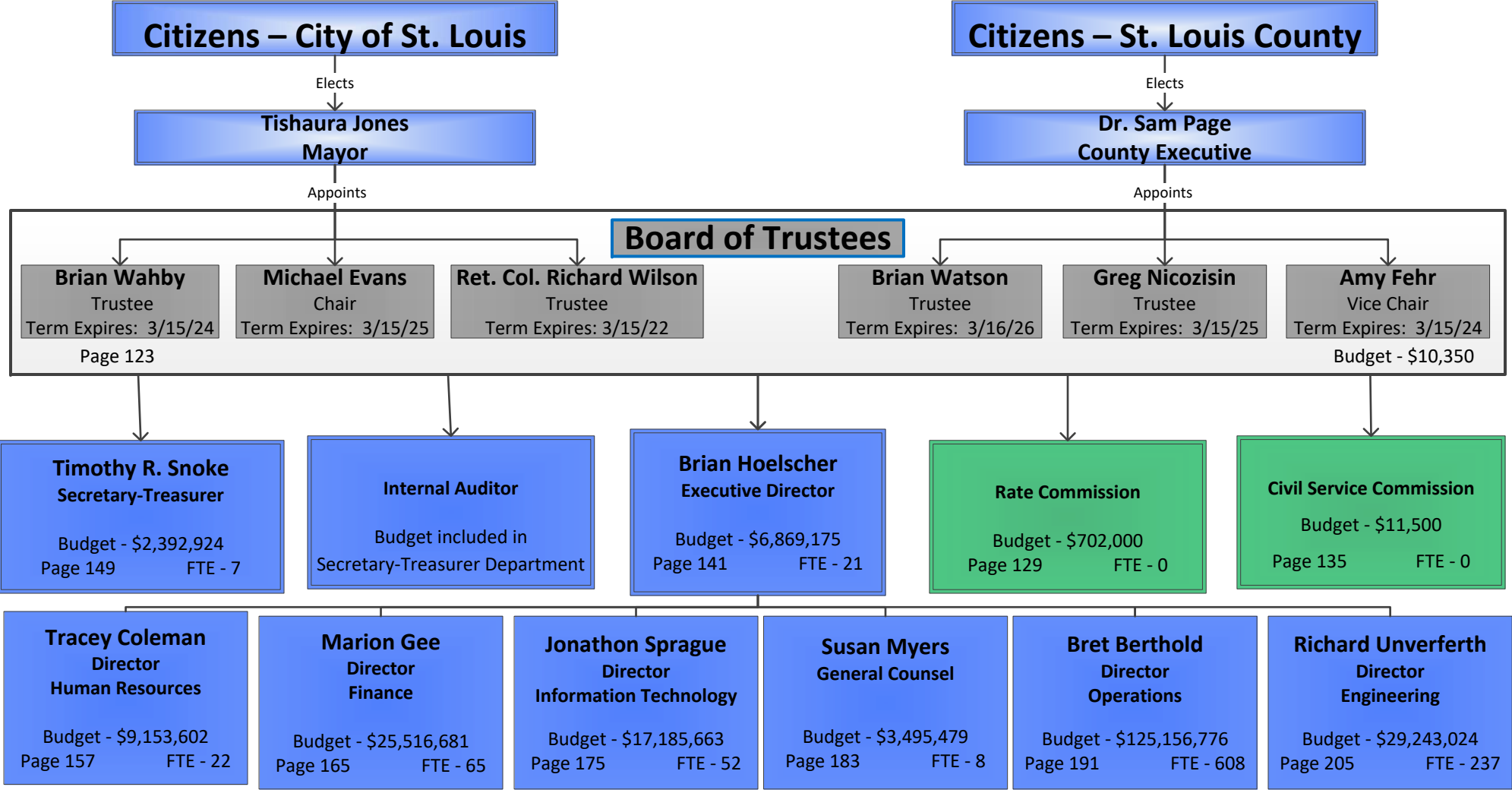
Debt Service Funds: This group of funds presents actual, budgeted and projected debt service obligations for revenue bonds issued by the District.

Special Funds: This section details actual, budgeted, and projected revenues, expenditures and fund balances of the various special funds such as the Water Back-up Insurance Fund and the Emergency Funds.

Ordinances: The last few sections contain the text of the ordinances concerning the revenues and expenditures, taxes and user charges covered in this document.

Glossary: A list of the terminology and acronyms used in this document that is either technical in nature or unique to the Metropolitan St. Louis Sewer District. Each term is given a short description that defines it within the context it is used.

Metropolitan St. Louis Sewer District



Note: Appointments to the Board of Trustees may continue beyond the term expiration date if a new appointee is not named. Click on page numbers above to be linked to that section's page.

St. Louis Metropolitan Area

The City of St. Louis is an independent city, meaning it is not part of a county, founded in 1766, located on the eastern border of Missouri and covers an area of approximately 62 square miles.

Before Europeans moved west, the St. Louis area was the center of the Native American Mississippian culture. European exploration began in 1673; five years later the area was claimed as part of French Louisiana. In 1764 control of the area was assumed by the Spanish as part of the Viceroyalty of New Spain. During the American Revolution, the Battle of St. Louis was waged by the British using Native American forces.

In 1800 St. Louis was transferred to the Republic of France. In 1803, St. Louis was sold by France to the U.S. as part of the Louisiana Purchase. Steamboats arrived in St. Louis in 1818, improving connections to New Orleans and eastern markets. Missouri became a state in 1821 with St. Louis continuing to grow due to its port connections.

In 1904 St. Louis hosted the first Olympics held outside of Europe and the World's Fair, Louisiana Purchase Exhibition. Today's Forest Park, which contains the St. Louis Zoo, St. Louis Art Museum and Missouri History Museum, was built as part of the Fair.

St. Louis expanded in the early 20th century with the peak population in 1950. Suburbanization from the 50's through the 90's reduced the City's population drastically. Revitalization efforts began in the 1980's and resulted in St. Louis receiving the World Leadership Award for urban renewal in 2006.

Today's City of St. Louis has a population of 301,578. According to the 2020 U.S. Census estimates; 43.9% is White, 45.7% is Black or African American, 4.1% is Hispanic, 3.4% is Asian, 0.3% is American Indian/Alaska Native and 3.1% report two or more races.

St. Louis County is comprised of 88 municipalities with some unincorporated areas, encompassing 508 square miles. The population estimate as of 2020 was 1,004,125 with a median age of 40.4 years. As of the 2020 Census data estimates, the racial makeup of the County is 65.3% White, 25.0% Black or African American, 4.7% Asian, 3.0% Hispanic, 0.2% American Indian/Alaska Native and 2.2% from two or more races.

The County was organized in 1812 with the City of St. Louis voting to become independent in 1877. At the time there were 350,000 residents in the City and 30,000 in the County. The City residents wanted to be, "rid of county taxes and state influence over county government." In 1970 the population of the County was 951,353 and the City's population was 750,026. In the 2020 Census both the City and the County experienced a reduction in population.

The combined City and County is known as Greater St. Louis and is the 20th largest metropolitan area in the U.S. The average annual temperature is 55 degrees Fahrenheit with an average precipitation of 43 inches per year. The City of St. Louis is also known as the Gateway to the West with the iconic St. Louis Arch rising 630 feet above downtown with the city at 465 feet above sea level.



Metropolitan St. Louis Sewer District

The Metropolitan St. Louis Sewer District was created in 1954 to provide a metropolitan-wide sewer system and drainage facility to serve the City of St. Louis and most of the more heavily populated areas of St. Louis County. Before MSD's creation, the City of St. Louis, various municipalities, and private sewer companies provided sewer service that primarily included only collecting and transporting sewage from small geographic areas to nearby rivers and streams with little or no treatment. Most of the municipalities or private sewer companies serving the area did not have the jurisdictional authority or financial resources needed to eliminate health hazards from untreated sewage.

When the District began operations, it took over the publicly owned wastewater and stormwater drainage facilities within its jurisdiction and began the construction of an extensive system of collector and interceptor sewers and treatment facilities. In 1977, voters approved the District's annexation of a 270 square mile area of the lower Missouri River and lower Meramec River watersheds. The District purchased the Fee Fee Trunk Sewer Company and the Missouri Bottoms Sewer Company in 1978. MSD has since annexed other property and acquired other investor-owned or municipally operated systems.

The District's service area now encompasses 520 square miles, including all 66 square miles of the City of St. Louis and 454 square miles of St. Louis County.

MSD is organized pursuant to Article VI, Section 30 of the Missouri State Constitution that empowers the people of St. Louis County and the City of St. Louis "to establish a metropolitan district for functional administration of services common to the area". MSD is the only district established pursuant to that section of the Missouri State Constitution.

The Proposed Plan of the Metropolitan St. Louis Sewer District (the Plan), approved by the voters in 1954 and amended in 2000, 2012 and 2021, established the District. The Plan describes the District as "a body corporate, a municipal corporation and a political subdivision of the state". As a political subdivision of the state, MSD is comparable to a county or city, such as the City of St. Louis or St. Louis County, only with powers and responsibilities limited to wastewater collection and treatment and stormwater management.

Links to Supplement Detail Documents to the Budget

Detail Individual Non-Major Fund Statements

***Click arrow “About Us” to “Fiscal & Investor Relations” to “Budget”**

Capital Improvement and Replacement Program

***Click arrow “About Us”. Click on “Fiscal & Investor Relations” to “Overview” to “Capital Improvement Replacement Program (CIRP) Funding”**

Strategic Business and Operating Plan FY 2023 – 2027

***Click arrow “About Us” to “Our Organization” to “Strategic Business & Operating Plan”**

Annual Comprehensive Financial Report FY21

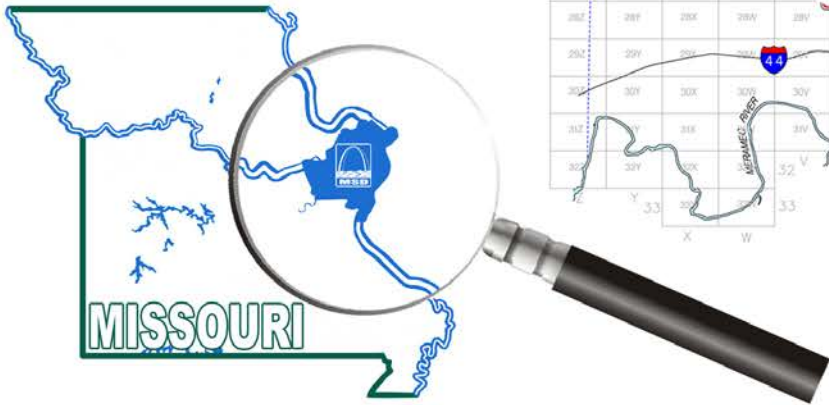
***Click arrow “About Us” to “Fiscal & Investor Relations” to “Annual Reports”**

The District’s Charter

***Click arrow “About Us” to “Our Organization” to “Our Charter”**

*Hard Copy Readers can find Supplement Detail Documents to the Budget on the District’s Website at <https://msdprojectclear.org/>.

Metropolitan St. Louis Sewer District Watersheds





The Executive Director's Budget Message provides an outline of the major assumptions relating to the annual budget, a general indication of the status of the District's finances and service levels, short and long-term goals and other significant information.



**Metropolitan St. Louis
Sewer District**

2350 Market Street
St. Louis, MO 63103

June 9, 2022
Board of Trustees
Metropolitan St. Louis Sewer District
2350 Market Street
St. Louis, MO 63103

Dear Trustees:

The mission of the Metropolitan St. Louis Sewer District (MSD) is to protect the public's health and safety, and the region's water environment, by responsibly providing wastewater and stormwater management, even during a pandemic. In fulfilling our mission, we focus on delivering sound fiscal management and fostering a business-focused culture throughout the organization, while keeping our employees and customers safe.

As MSD enters the 10th year of a multi-decade Consent Decree, we continue to build upon our progress over the past several years. In fiscal year 2023 (FY23), we will remain focused on several key areas of overall operations, while being fiscally responsive to the needs of the St. Louis region:

STRATEGIC BUSINESS AND OPERATING PLAN – MSD's management is committed to running this utility like a business. A key aspect of this effort is MSD's Strategic Business and Operating Plan (SBOP). The FY23 SBOP is easily understood, the goals and resulting strategies are actionable, and the impact of the strategies is measurable. It is a business-focused blueprint for serving our customers now and into the future. It is a plan that puts the customers and the St. Louis community first. The SBOP goals are clear:

- Deliver consistent, high-quality customer service,
- Comply with all legal and regulatory requirements and schedules,
- Minimize customer rate increases; and
- Be accountable to the St. Louis community.

The FY23 SBOP continues a philosophy that intimately links budgetary expenditures and strategic goals. Under this philosophy, the goals and strategies of the SBOP drive budgetary expenditures and succinctly support the SBOP's success. Further, the budgetary expenditures for the SBOP are business focused and ultimately serve the ratepayer. These goals build on the public input and feedback that the District has received.

BUDGET DEVELOPMENT – Each department prepares a base budget that covers funding for its day-to-day operations, and an incremental budget for strategic activities that are to be implemented throughout the budget year. A detailed budget review process ensures an in-depth review of all budgetary requests. If fiscal constraints require reduced funding, the costs of strategic objectives are identified so that proper decisions can be made.

BUDGET SUMMARY – As the Executive Director of MSD, I affirm that rates and charges as currently implemented will generate sufficient revenues to meet all expenditures as proposed in the FY23 budget, providing adequate operating liquidity as directed in MSD's Debt Management Policy. Furthermore, current rates and charges are adequate to ensure MSD's compliance with all obligations as provided in the Master Bond Ordinance, adopted by the Trustees on April 22, 2004.

The proposed FY23 operating budget includes \$235.6 million for day-to-day operations, reflecting a \$11.3 million or 5.0% increase over the FY22 budget. The total District budget for FY23 is \$822.9 million, which includes the operating budget, Capital Improvement and Replacement Program (CIRP), and debt service. The proposed budget includes an increase of three full-time employees (FTE).

Proposed expenditures for the FY23 are summarized as follows:

Operating	\$235.6 million
CIRP	\$418.5 million
Debt Service	<u>\$168.8 million</u>
TOTAL EXPENSE BUDGET	\$822.9 million

Versus costs presented to and approved by the FY21 – FY24 Rate Commission, the operating budget for FY23 is projected to be 0.4% more than originally planned; and the CIRP budget for FY23 is projected to be 8.3% less than originally planned.

The proposed FY23 budget for wastewater user charges is approximately \$460.2 million, which is \$24.9 million or 5.1% less than the amount presented and approved by the FY21 – FY24 Rate Commission. Relative to the Rate Commission approved projections, the debt service expenses will be higher as a result of \$28.5 million in principal payments for refunded bonds, partially offset by lower annual principal and interest payments on the remainder of the District's debt due to favorable financing terms.

Total FY23 revenue bonds of \$462.0 million represent a significant increase compared to FY22 of \$119 million. The \$119 million dollar proceeds from the issuance of revenue bonds may happen in June FY22.

KEY BUDGET FACTORS AND UPDATES

PHASE II STORMWATER PERMIT – Per the Phase II Storm Water Management Plan, MSD has again committed significant resources to this important effort. Not only does this work help MSD meet its legal obligations as a stormwater permit holder and as the St. Louis Coordinating Authority, but it significantly reduces the overall compliance burden incurred by MSD’s co-permittees. Such an approach allows for a comprehensive and meaningful direction to our community’s Phase II Stormwater efforts.

Effective November 1, 2021 – September 30, 2026, The Missouri Department of Natural Resources has re-issued a Phase II Stormwater permit to MSD, St. Louis County, and 59 county municipalities. Under the provisions of this permit, MSD is the St. Louis Coordinating Authority for our separate municipal stormwater sewer system. St. Louis County and the municipalities are co-permittees.

MSD PROJECT CLEAR® – In 2007, the State of Missouri and the United States Environmental Protection Agency filed a lawsuit against MSD regarding overflows. The Missouri Coalition for the Environment later joined the lawsuit as an intervener.

Throughout MSD’s service area, there are hundreds of points where a combination of rainwater and wastewater discharges into local waterways from the sewer system during moderate to heavy rainstorms. Sewer overflow points act as relief valves when too much rainwater enters the sewer system, and without them, communities could experience thousands of basement backups and/or extensive street flooding.

In April 2012, the United States Federal Court approved an agreement known as a Consent Decree bringing the lawsuit to a close. This was amended by the United States District Court for the Eastern District of Missouri on June 22, 2018. The agreement calls for \$6.0 billion (in 2018 dollars) in improvements to the wastewater system over the next two decades. The FY23 capital budget continues MSD’s ongoing execution of the Consent Decree.

Knowing that robust and simplified communications would be critical to the success of the Consent Decree, MSD launched MSD Project Clear (MSDPC). MSDPC covers all Consent Decree activities and communications with stakeholders. Therefore, MSDPC is a multi-billion-dollar, multi-decade initiative to plan, design, and build system-wide improvements to address water quality and alleviate many wastewater concerns in the St. Louis region. MSDPC focuses on system-wide improvements to get the rain out, repair and maintain, and build system improvements. Projects range in scale from massive underground tunnels that carry the volume of stormwater needed in a growing region, to the disconnection of residential downspouts from the sanitary sewer lines, and rainscaping improvements to manage stormwater runoff.

MSD Project Clear Updates – During calendar year 2021 MSD installed new sewers (13.7 miles) and rehabilitated (44.6 miles) over 58 miles of sewer. To date over the life of the consent decree, MSD has repaired, rehabilitated and/or replaced 1,220 miles of sewer.

MSD has removed 17 SSOs (sanitary sewage overflow or mixed with stormwater, to a stream) in 2021, and has a total of 56 remaining. Since 2014, MSD has eliminated 93 constructed SSOs.

Total appropriations for consent decree compliance in 2021 was \$187,360,000. Since 2012 MSD has spent \$2.4 billion on consent decree compliance.

RAINSCAPING / GREEN INFRASTRUCTURE – As part of the amendment of the Consent Decree, MSD also agreed to invest at least \$20 million in green infrastructure in the Lemay Service Area/River Des Peres Watershed, reducing untreated overflow volume to the River Des Peres. This is in addition to the existing \$100 million program within the Bissell Point watershed, which is predominantly served by the combined sewer system (sewers that collect rainwater and wastewater).

The rainscaping program includes:

- Up to \$13.5 million (\$1.5 million was spent in the pilot phase) is being used to demolish hundreds of abandoned, structurally condemned buildings that present a threat to public health and safety in the City of St. Louis. These demolitions reduce impervious surface area, which lessens the burden placed on the combined sewer system during moderate to heavy rainstorms. In FY21, approximately \$3.5 million was spent. As of January 2022, nearly \$630 thousand has been spent.
- The Large-Scale Rainscaping Program continues to build partnerships with municipalities, schools, community development organizations, private developers, and others. These partnerships help identify joint opportunities to incorporate rainscaping into ongoing development and other activities in the Bissell Point watershed. The program plans to spend \$8,000,000 in FY22 and the same amount in FY23.
- The Small Grants Rainscaping Program encourages homeowners, neighborhood groups, and other organizations to apply for grants, recently increased to up to \$4,000. These grants are designed to help MSD customers utilize raingardens, bioretention cells, pervious pavement, green roofs, and other rainscaping techniques at their home or business.

Previously, the Small Grants Rainscaping Program relied on in-person meetings to explain the program requirements and answer questions. Now, interested participants can find the information in a series of videos that can be viewed online and take a quiz at the end to fulfill the program requirements. The program has planned to spend \$800,000 in FY22, and \$600,000 in FY23 because the River Des Peres area funds will be depleted by that time.

WASTEWATER PROJECTS – In FY21, MSD planned 140 new or continuing wastewater projects, throughout the service area, totaling \$338 million. 127 went to the Board, the rest were either cancelled or continued to FY22. In FY23, MSD has plans for 104 new or continuing wastewater projects, throughout the service area, totaling \$394 million. These projects are funded primarily from the Sanitary Replacement Fund and bond sales. The work represents \$9 million in continued projects and \$384 million in new projects

STORMWATER PROJECTS - In FY21, MSD planned 38 stormwater projects, totaling \$20 million. 35 went to the Board, the rest were either cancelled or continued to FY22. In FY23, MSD tentatively plans 29 stormwater projects, including continuing projects from FY22, totaling \$24 million.

BOND UTILIZATION & RATINGS – Since FY04, MSD has utilized voter approved bonds to lessen the steepness of necessary rate increases. While bonds must be repaid with interest, the dollars raised through their issuance has helped maintain the relative affordability of MSD rates.

Proceeds from the issuance of bonds must be – and can only be – used to finance wastewater projects that are a part of MSD’s Capital Improvement and Replacement Program (CIRP).

Through bond elections in 2004, 2008, 2012, 2016, and 2021 area voters have approved a total of \$3.12 billion in bond authorizations. As of December 31, 2021, MSD has utilized \$2.27 billion of the voter approved bond authorizations. Of that amount, \$1.67 billion in bonds is outstanding. That leaves \$853.1 million in bond authorization remaining to be utilized. On April 6, 2021, voters authorized an additional \$500 million of bonds.

Thanks to strong financial operations; an experienced management staff; strong management and planning capabilities for the CIRP; and strong voter support for the bond authorizations, MSD enjoys some of the highest bond ratings received by any sewer utility in the United States. The current ratings are: Moody’s - Aa1; Standard & Poor’s – AAA; Fitch – AA+. These strong ratings allow MSD to issue bonds at lower interest rates, which in-turn lowers the costs that are passed on to MSD customers.

RATE COMMISSION – The independent MSD Rate Commission was established in 2000 through voter approved amendments to MSD’s Charter. Composed of 15 member organizations that represent a broad cross-section of MSD’s customers and the community it serves; the Rate Commission is designed to provide public input into how rates are set. By Charter, MSD staff is required to submit all rate proposals to the Rate Commission. In turn, the Rate Commission independently reviews rate proposals and makes recommendations to MSD’s Board of Trustees. Only under parameters defined in MSD’s Charter can Rate Commission recommendations be changed, modified, or rejected.

In April 2021, voters authorized an additional bonding of \$500 million. In FY23, the Rate Commission will convene to recommend rates for the FY 25 - 28 wastewater rates and to determine how stormwater rates will be presented to rate payers.

DIVERSITY – Diversity efforts at MSD continue to focus on helping develop and grow minority- and women-owned business enterprises (MWBE); and to develop a diverse workforce from which contractors can hire workers for MSD projects. In FY21, minority firms performed \$38.6 million in capital work, which represents 16.8% of MSD’s capital program. Women-owned firms performed \$22.1 million in capital work, representing 9.63% of MSD’s capital program. Within the same timeframe, minority construction workforce participation was 196,699 hours, or 27.28% of the total hours worked on capital projects. Women construction workforce participation was 53,339 hours, or 7.4% of total hours worked on capital projects. For capital program professional services (design) with workforce participation goals, minorities represented 16.35% and women represented 36.61% of the workforce. As MSD continues the important work, we are doing to protect our environment and serve our St. Louis community, we strive to ensure that our efforts reflect the diverse citizenry that we serve.

In FY23, there are no major changes in service levels, fees, or taxes. We will continue to monitor the impact of COVID-19 on our revenue streams, and constantly scrutinize our business practices, deliver sound fiscal management, and be fully accountable to the public for the ways in which we spend their money. We will continue to improve our customer service levels and inform the community of our operations and needs. We will persist in addressing the health, safety, and environmental needs we face today and years into the future.

Sincerely,

A handwritten signature in black ink that reads "Brian Hoelscher". The signature is written in a cursive style with a large initial "B" and a long, sweeping underline.

Brian Hoelscher, P.E.
Executive Director & Chief Executive Officer



FY23 BUDGET



The Budget Summary section contains policies, processes, graphs and charts related to budget development. This section also contains information regarding staffing and a summary of the Capital Improvement and Replacement Program and the Strategic Business and Operating Plan.

BUDGET & FINANCIAL POLICIES

The Metropolitan St. Louis Sewer District's budget & financial policies set forth the basic framework for the District's overall management of operations considering changing circumstances and conditions. These policies assist the decision-making process of the Board and provide guidelines for evaluating both current activities and proposals for future programs. The District regularly reviews and revises a comprehensive set of Financial Policies to govern the overall financial management and health of the District.

Note: "v" = Compliant "X" = Not Compliant

<u>Balanced Budget Policy</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
Section 7.130 of the District's Charter requires a balanced budget be submitted to The Board for approval. It mandates the following requirements:	✓	
<ul style="list-style-type: none"> In no event shall the total amount of proposed expenditures for the budget year from any fund exceed the estimated revenues to be actually received plus any unencumbered balance or less any deficit estimated for the beginning of the budget year. 	✓	"Changes in Fund Balance" pages are included in this book to demonstrate compliance with this policy.
<ul style="list-style-type: none"> The Annual Budget must be balanced. All funds, Department operations and services, supported by the financial resources of the District, must function within the limits of these resources identified or available specifically to them. A balance must be struck between revenues and expenditures so that the public can realize the benefits of a strong and stable utility. By law, budgets cannot exceed available resources, defined as revenues generated in the current period added to balances carried forward from prior years. 	✓	"Source of Funding" pages are included in this book to demonstrate compliance with this policy.

BUDGET & FINANCIAL POLICIES (continued)

Note: "v" = Compliant "X" = Not Compliant

<u>Balanced Budget Policy (continued)</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
<ul style="list-style-type: none"> Pursuant to the Metropolitan St. Louis Sewer District Charter, Section 7.130, not later than the fifteenth day of March in each year, the Executive Director will submit to The Board a budget for the ensuing fiscal year, an explanatory budget message, and a general appropriation ordinance conforming with such budget. The budget shall provide a financial plan for the budget year for all District and subdistrict funds. 	v	The Board of Trustees received all of the required documents on March 10, 2022.
<u>Operating Budget Policies</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
Historical levels of funding and expenditures shall be included in the budget to provide comparisons. Financial forecasting of future requirements shall be included to provide estimates of future financial and operating conditions.	v	"Changes in Fund Balance" pages are included in this book to demonstrate compliance with this policy.
Per Section 7.150 of the District's Charter Transfer of appropriations. Whenever approved by The Board, the Executive Director may transfer any unencumbered appropriation balances or portions from one classification of expenditure to another.	v	The District complies with this policy.

BUDGET & FINANCIAL POLICIES (continued)

Note: "v" = Compliant "X" = Not Compliant

<u>Operating Budget Policies (continued)</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
<p>Per Section 7.160 of the District's Charter, at any time during the budget year, upon recommendation of the Executive Director, The Board may, by ordinance, make supplementary appropriations if (1) the Executive Director estimates that such appropriations will not result in a deficit at the end of the budget, or (2) The Board shall adopt an ordinance or ordinances consistent with the requirements in Section 7.140 providing additional revenues and the Executive Director estimates that the amount to be actually received there from during the budget year will equal or exceed the amount of such supplementary appropriations.</p>	v	The District complies with this policy.
<p>The District will maintain a budgetary control system to ensure adherence to the budget and will prepare regular reports comparing actual revenues and expenditures to budgeted amounts.</p>	v	The District's accounting system has controls to ensure compliance with the budget. Managers receive daily reports that show financial performance against budget. Monthly reports comparing actual revenues and expenditures are prepared for Senior Management and highlights of these reports are presented quarterly to the Finance Committee of the Board of Trustees.
<u>Revenue Policies</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
<p>The District will seek to maintain a diversified and stable revenue system to minimize short-run fluctuations in any one revenue source.</p>	v	User Charge Fees are the District's primary source of funding for wastewater operations. While some of these fees are also used for capital improvements, the District also uses revenue bonds to finance a large portion of the CIRP.

BUDGET & FINANCIAL POLICIES (continued)

Note: "v" = Compliant "X" = Not Compliant

<u>Revenue Policies (continued)</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
The District will follow an aggressive policy of collecting revenues.	v	The District uses a multi-layered approach to collecting past due accounts. It employs a series of automated reminder calls to accounts that are 25 days delinquent. Accounts that remain delinquent then progress to being placed with collection agencies, second placement agencies and eventually law firms for collection.
The District will establish wastewater user charges and stormwater user charges, fees and tax rates at a level related to the full cost (operating, direct, indirect and capital) of providing the service. Voter approval is required to implement tax rate increases.	v	The District is required to submit rate change proposals to a Rate Commission. During this rate setting process, the District's rate consultant performed a detailed cost of service analysis using industry standard principles endorsed by the Water Environment Federation which allows the District to demonstrate that rates have been set at a level to recover the full cost, without excess, of providing service.
The District will review wastewater fees and stormwater user charges, and fees annually to determine if the revenues support the cost of the service. Rate increases to generate needed revenues are required, per Charter Section 7.040, to be submitted to the District's Rate Commission for review and recommendation to The Board.	v	The District reviews fee revenue annually as part of the budget process to ensure it is adequate to meet the District's balanced budget requirement.

BUDGET & FINANCIAL POLICIES (continued)

Note: "✓" = Compliant "X" = Not Compliant

<u>Investment Policies</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
The District will maximize the return on all cash available for investment without sacrifice of safety or necessary liquidity.	✓	The District complies with this policy.
The Secretary-Treasurer will develop and maintain a comprehensive, well-documented investment reporting system. This system will provide The Board with appropriate investment performance information.	✓	The Secretary-Treasurer reports monthly to the Finance Committee of The Board on the performance and make-up of the investment portfolio.
<u>Debt Policies</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
The Board shall authorize and approve all debt issued for the purpose of financing portions of the District's CIRP as well as debt that may be issued for the purpose of refunding any outstanding District debt.	✓	In the previous budget year, the District's Board approved Ordinance 15746 authorizing and directing the issuance, sale, and delivery of Wastewater System Refunding Revenue Bonds through June 30, 2022. Under this Ordinance, the District executed a Forward Delivery Bond Purchase Agreement with Barclays Capital on 10/6/21 to refund a portion of the 2016C Revenue Bonds scheduled to close on 5/1/26. The 2022A refunding revenue bonds authorized under Ordinance 15350 will close 5/3/2022.
The District will confine long-term borrowing to finance authorized capital improvement projects or to refund, on a current or advanced basis, outstanding debt obligations. Any bond issues to refund on an advanced basis would be taxable debt.	✓	The District complies with this policy.

BUDGET & FINANCIAL POLICIES (continued)

Note: "✓" = Compliant "X" = Not Compliant

<u>Debt Policies (continued)</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
The District may issue long-term debt (general obligation or revenue bonds) where it is deemed that capital improvements should not be financed from current revenues. Long-term borrowing will not be used to finance current operations or normal maintenance. Long-term debt will be self-supporting and structured such that the weighted average maturity of the debt does not exceed the expected useful life of the capital project.	✓	The District's use of revenue bonds during FY22 was consistent with use of debt outlined in the Rate Change Report accepted by The Board in October 2019. The proceeds from these bonds were used solely for capital improvements, where the assets gained have a useful life greater than the weighted average maturity of the debt.
The District may issue (1) general obligation bonds to finance capital improvement projects that result in community-wide benefits (2) revenue bonds to finance capital improvement projects serviced from the net revenues from a particular enterprise, such as sewer service.	✓	The District's use of revenue bonds in FY22 for capital improvement projects will be serviced with pledged revenues from sanitary sewer user charges.
Issuance of general obligation bonds requires 57% approval of those voting at primary and general elections and a 67% approval at other elections. Issuance of revenue bonds requires simple majority approval of those voting.	✓	The District issued \$100 million in new money revenue bonds (2022B) in FY22 requiring voter authorization. As of 6/30/2022, the District will have \$253 million in remaining bonding authorization approved by voters through the 4/5/16 special election and \$500 million in remaining bonding authorization approved by voters through the 4/6/21 special election.
No general obligation bonds shall be issued in an amount, which together with existing indebtedness of the District or a subdistrict exceeds in the aggregate 5% of the value of all taxable tangible property in the District and its subdistricts.	✓	The District has no outstanding general obligation bonds.

BUDGET & FINANCIAL POLICIES (continued)

Note: "v" = Compliant "X" = Not Compliant

<u>Debt Policies (continued)</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
Any general obligation bonds issued under the District charter shall mature over a period not exceeding 20 years from the date contracted, while revenue bond maturities may extend to 30 years.	v	The District has no outstanding general obligation bonds.
For the purpose of refunding, extending, or unifying the whole or any part of its valid bonded indebtedness, the District may issue refunding bonds not exceeding the principle amount of the outstanding indebtedness to be refunded and the accrued interest to the date of such refunding bonds.	v	During FY21 the District has executed the 2021C refunding revenue bonds authorized under Ordinance 15350 on 5/3/2021.
<p>Short-term borrowing may be utilized as authorized by District Charter, Section 3.020(13), for the temporary funding of capital projects or for operational cash flow deficits subject to the following policies:</p> <ul style="list-style-type: none"> ▪ District may issue short-term debt when there is a defined and adequate repayment source. ▪ Lines of Credit may be considered as an alternative to other short-term borrowing options if it is determined to be more cost-effective. ▪ Other short-term debt, including commercial paper notes, may be used when it provides an interest rate advantage or as interim financing until market conditions are more favorable for long-term debt issuance. 	v	The District did not utilize short-term borrowing in FY22.

BUDGET & FINANCIAL POLICIES (continued)

Note: "v" = Compliant "X" = Not Compliant

<u>Debt Policies (continued)</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
Per Charter Section 3.020, the District may use short-term debt to provide for the borrowing of money in anticipation of the collection of taxes and revenues for the fiscal year. The amount of such loans shall at no time exceed 90% of the estimated collectible taxes and revenues for the year yet uncollected.	v	The District did not utilize short-term borrowing in FY22.
<u>Reserve Policies</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
The operating reserve is a balance maintained in the General Fund, Construction Funds and Special Funds combined to accommodate fluctuations in annual revenues and expenditures. The District currently maintains a minimum fund balance of 60 days or 16.4% of the next year's annual operating expenditures for working capital.	v	Operating Reserves for: FY21 – Actual – 155 FY22 – Projected – 190 days
The District will maintain a Stormwater Emergency Fund with a minimum balance of \$250,000 and a Wastewater Emergency Fund with a minimum balance of \$500,000.	v	The District is in compliance with these minimum balance requirements. Please refer to the "Changes in Fund Balance" tables for these funds in the Debt Service & Special Funds section of this book for exact fund balances.
The District will maintain a Wastewater Backup Insurance and Reimbursement Fund with a minimum balance of \$1 million dollars.	v	The District is in compliance with this minimum balance requirement. Please refer to the "Changes in Fund Balance" tables for these funds in the Debt Service & Special Funds section of this book for exact balances.
The District will maintain a General Insurance Fund with a minimum balance of \$500,000 dollars.	v	The District is in compliance with this minimum balance requirement. Please refer to the "Changes in Fund Balance" tables for these funds in the Debt Service & Special Funds section of this book for exact balances.

BUDGET & FINANCIAL POLICIES (continued)

Note: "✓" = Compliant "X" = Not Compliant

<u>Reserve Policies (Continued)</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
Funds will be reserved to comply with the terms and conditions of the debt instruments used to finance capital improvement projects.	✓	The Master Bond Document contains a 45-day reserve requirement. Operating reserves for: FY21 – Actual – 155 days FY22 – Projected – 190 days
Property taxes levied by the District and other revenue received for construction, operations and maintenance in particular taxing subdistricts will be reserved for that use.	✓	The District maintains separate funds to account for each of the taxing subdistricts it manages.
<u>Capital Improvement and Replacement Policies</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
The District shall prepare a long-term plan for wastewater infrastructure projects to relieve backup complaints and/or for the correction of identified sanitary sewer capacity inadequacies and deficiencies and/or for the correction of bypasses and overflows. This plan shall include stormwater projects to prevent flooding and erosion threatening homes and property. This plan shall be used to develop a five-year CIRP and make all capital improvements accordingly. This five-year plan shall be updated annually.	✓	The Board of Trustees received the five-year CIRP on March 10, 2022. This plan is updated annually and is consistent with the District's long-term plan for wastewater and stormwater projects.
The Board adopts the CIRP as a planning document but does not appropriate the identified multi-year expenditures. These expenditures are legally authorized during the year at the time a fixed contract is awarded.	✓	The District complies with this policy.

BUDGET & FINANCIAL POLICIES (continued)

Note: "v" = Compliant "X" = Not Compliant

<u>Capital Improvement and Replacement Policies (continued)</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
The District will maintain its physical assets at a level adequate to protect the District's capital investment and to minimize future maintenance and replacement costs.	v	The District complies with this policy.
<u>Financial and Accounting Policies</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
An independent audit shall be made of all accounts of the District at least annually by a certified public accounting firm that shall be engaged by The Board.	v	CliftonLarsonAllen LLP issued their Independent Auditors' Report for the financial statements as of and for the year ended June 30, 2021 on October 21, 2021.
Financial reports will be submitted to The Board and District Staff.	v	The District complies with this policy.
District financial information will be available through monthly financial statements, the Comprehensive Annual Financial Report and Annual Budget.	v	The District prepares monthly financial statements and publishes quarterly statements on its website. The Annual Comprehensive Financial Report, the Annual Budget, and Popular Annual Financial Report are also available on the District's website.
The District will produce annual financial reports in accordance with Generally Accepted Accounting Principles (GAAP) as outlined by the Governmental Accounting Standards Board (GASB).	v	The District's Annual Comprehensive Financial Report is prepared in accordance with GAAP as outlined by the GASB.
<u>Strategic and Operating Plan Policies</u>	<u>Compliance</u>	<u>Performance Against Policy</u>
The District's Charter requires a continuing five-year strategic and operating plan (SBOP) to be adopted on an annual basis by the Board of Trustees. The SBOP shall state the District's objectives for the succeeding five years and include targets by which to measure the District's performance in meeting these objectives.	v	The Strategic and Operating Plan was completed for FY23-FY27.

FINANCIAL STRUCTURE

The District's financial structure is organized based on funds, each of which is considered a separate accounting entity with fund specific balancing accounts that comprise its assets, liabilities, fund balances, revenues, and expenditures. Governmental resources are allocated to and accounted for in individual funds based upon the purposes for which they are to be spent and the means by which spending activities are controlled.

The District uses both Governmental Funds and Proprietary Funds. The District uses a Modified Accrual method of budgeting, and both Modified Accrual and Accrual bases of accounting.

In the table below, each fund type and group are identified. The purpose of the fund is stated, and the Budgeting Basis and Accounting Basis are also reported for each fund group.

Modified Accrual Accounting or Budgeting recognizes revenues when they are both available and measurable. Most expenditures are recognized when an obligation to pay is established, except in the case of interest on long-term debt. That interest expense is recognized when it is due.

Full Accrual Accounting is very similar to Modified Accrual Accounting. Under Full Accrual revenues are recognized when earned, and expenditures are recognized when an obligation to pay is established.

However, the major ways in which Modified Accrual is different than Full Accrual is the recognition of Capital expenditures. Under the Modified Accrual method, Capital expenditures are recognized when the entity has an obligation to pay. Under the Full Accrual method, Capital expenditures are recognized over the life of the asset.

FINANCIAL STRUCTURE (continued)

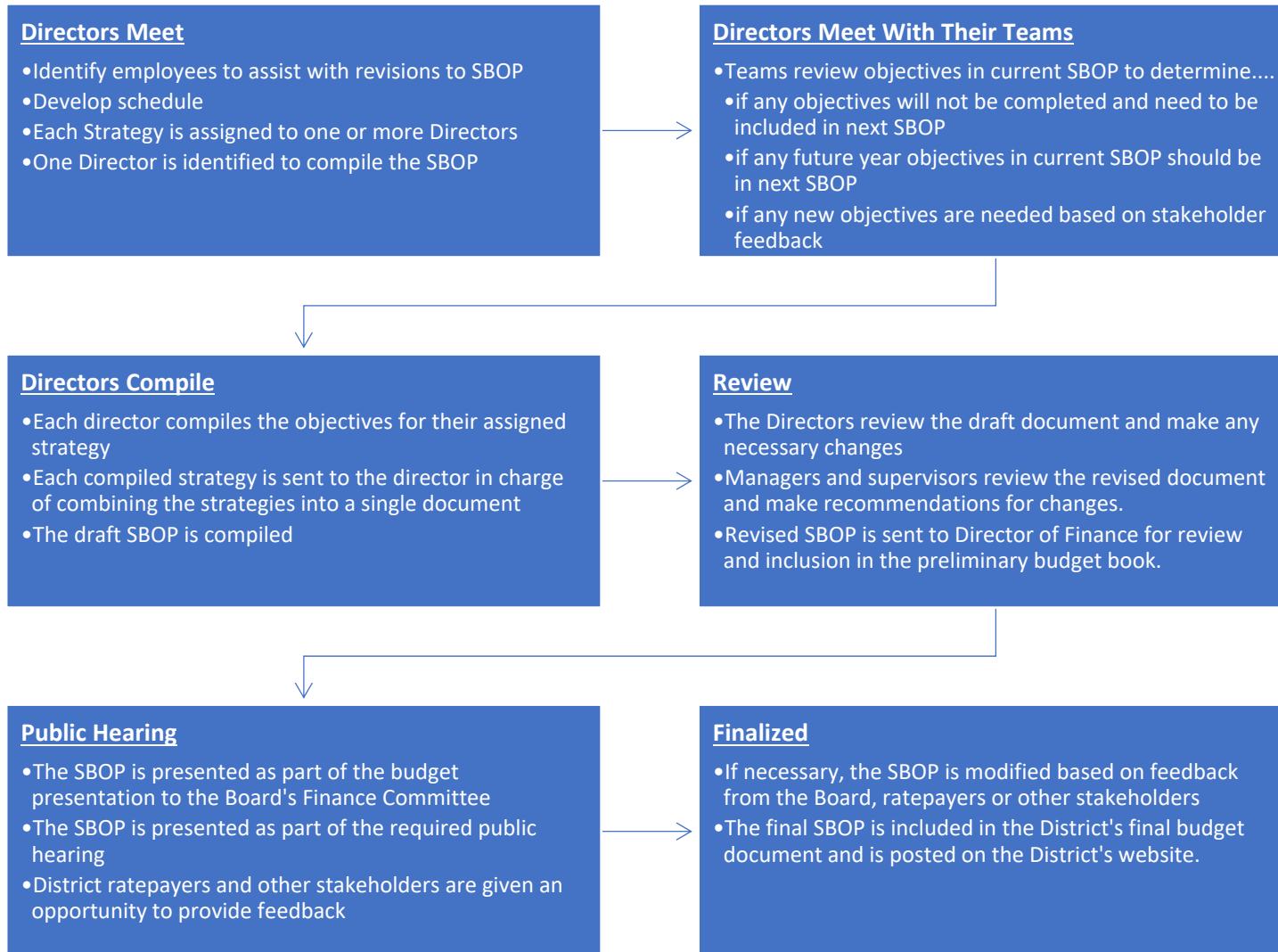
<u>Fund Type/Fund Title</u>	<u>Purpose</u>	<u>Budgeting Basis</u>	<u>Accounting Basis</u>
GOVERNMENTAL FUNDS			
General Fund	The General Fund is the general operating fund of the District. It is used to account for all financial resources except those required to be accounted for in another fund.	Modified Accrual	Modified Accrual
Revenue Funds	The Revenue Funds account for all wastewater user charges billed to customers. User Charge proceeds are recorded in the Revenue Funds and allocated to the various other funds to cover operation and maintenance costs and capital improvement expenditures.	Modified Accrual	Modified Accrual
Stormwater Funds	These funds were established to account for ad valorem taxes. Additionally, the Stormwater Regulatory Fund, Districtwide Stormwater Fund and the Stormwater Operations and Maintenance Funds are reported in this section and receive, or at one time received, property tax revenues. These funds are primarily stormwater dedicated funds for projects and stormwater operations and maintenance.	Modified Accrual	Modified Accrual
Operations, Maintenance and Construction Improvement (OMCI) Funds	These funds were established to account for ad valorem taxes. The primary source of revenue is generated from ad valorem tax levies. These are primarily stormwater dedicated subdistrict assessments which fund projects, stormwater operations and maintenance specific to each subdistrict's geographic area. Effective in Fiscal Year 2017, tax levies for all OMCI subdistricts were suspended. Remaining fund balances will be used for maintenance and operation of facilities in the respective subdistricts until balances are depleted. However, in Fiscal Year 2021 Coldwater Creek Trunk Subdistrict, Maline Creek Trunk Subdistrict, Subdistrict No. 366 (University City Branch of River des Peres Stormwater Subdistrict), Subdistrict No. 367 (Deer Creek Stormwater Subdistrict) Subdistrict No. 369 (Sugar Creek Stormwater Subdistrict) and Subdistrict No. 454 (Seminary Branch of River des Peres) reinstated the tax levies to provide funding for stormwater capital improvements. In the FY23 budget Gravois Creek was reinstated.	Modified Accrual	Modified Accrual
Construction Funds	The Construction Funds are established to receive and disburse proceeds from revenue sources and restricted for construction of improvements to sewerage and drainage collection systems and treatment facilities. The Sanitary Replacement Fund is dedicated to sanitary projects.	Modified Accrual	Modified Accrual

FINANCIAL STRUCTURE (continued)

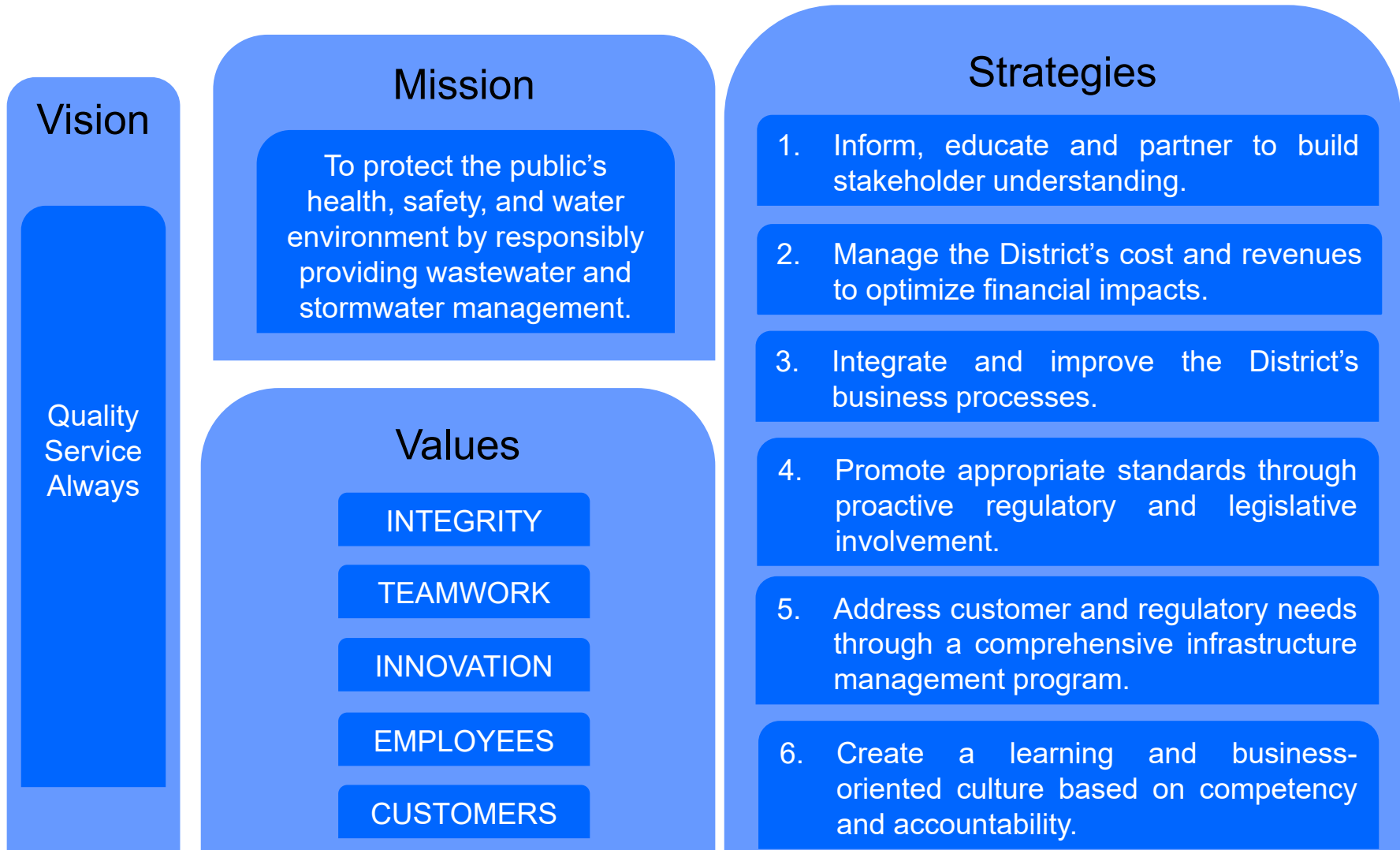
<u>Fund Type/Fund Title</u>	<u>Purpose</u>	<u>Budgeting Basis</u>	<u>Accounting Basis</u>
GOVERNMENTAL FUNDS			
(continued)			
Debt Service Funds	The Debt Service Funds are established for bond issues sold by the District. These funds provide for the accounting of receipt and disbursement of monies designated for payment of principal and interest and redemption of outstanding bond issues. A distinct fund is established for each of the District's bond issues.	Modified Accrual	Modified Accrual
Special Funds	<p>The Special Funds are established to: 1) account for and report financial resources related to the proceeds of specific revenue sources designated for specific purposes, or 2) account for and report financial resources related to funds required to maintain a minimum balance. The District's current Special Funds consist of the following:</p> <ol style="list-style-type: none"> 1. Improvement Fund – to account for the cost of any improvements and special tax bills issued for any improvement. 2. Water Backup Insurance and Reimbursement Fund – to account for customer water backup insurance claims resulting from over charged lines or blocked mains. 3. General Insurance Fund – to be used to pay the cost of workers' compensation claims, property insurance, general liability, auto liability, flood insurance and all expenses (i.e., premiums, claims, claim expenses, claim recoveries, and claim accruals) related to these coverages. 4. Two Emergency Funds – to account for monies needed to address Wastewater and Stormwater emergencies. Such emergencies require immediate District response. Examples are sewer repairs and replacements to immediately address severe disruption in the operations and maintenance of the District, weather related disruption of District operations, and other disruptions of District services caused by dramatic unforeseen events. 	Modified Accrual	Modified Accrual
PROPRIETARY FUNDS			
Enterprise Funds	Account for operations financed and operated in a manner like the private sector. The District utilizes these funds to convert the accounting records from a modified accrual to an accrual basis. The District performs this conversion so that it may produce financial statements as a single enterprise fund.	These funds are not budgeted.	Accrual

Strategic Business and Operation Plan Process (SBOP)

An overarching consideration during this process is the District's ability to fund this plan within the constraints of the rate revenue and other financing sources as determined by the Rate Commission process.



Strategic Business & Operating Plan FY23-FY27



*Go to the Linked Documents page to get the link to view the entire Strategic Operating & Business Plan FY23-FY27,

**STRATEGIC BUSINESS AND OPERATING PLAN
FY21 OBJECTIVES AND ACCOMPLISHMENTS**

Strategy	Obj	Description	DEPARTMENTS IMPACTED						Secretary Treasurer	Objectives % Completed
			Engineering	Executive Director	Finance	General Counsel	Human Resources	Information Technology		
1		Inform, Educate and Partner to Build Stakeholder Understanding								
	1.	Execute Community Outreach and Engagement Programs		*						80%
	2.	Execute Outreach Programs for Elected Representatives & Other Municipal Officials				*				100%
	3.	Execute Diversity and Associated Outreach Programs		*						100%
2		Manage the District's Costs and Revenues to Optimize Financial Impacts								
	1.	Increase Collection of Delinquent Revenue			*					65%
	2.	Identify and Implement Cost Savings Initiatives			*					50%
	3.	Maximize Long-Term Financial Plans for District Needs						*		100%
3		Integrate and Improve the District's Business Processes								
	1.	Implement Information Governance Program That Meets the District's Records & Information Discovery, Compliance and Information Security Policies						*		70%
	2.	Integrate Asset Information Across Systems (Oracle, Maximo and GIS)			*					40%
	3.	Implement Updated Laboratory Information Management System (LIMS)	*							100%
	4.	Oracle EBS Upgrade					*			90%
	5.	Mobile Technology Standard					*			25%
4		Promote Appropriate Standards Through Proactive Regulatory & Legislative Involvement								
	1.	Participate in Stakeholder Groups to Develop Sound Technical Basis for Regulatory Issues	*							100%
	2.	Promote Appropriate Regulatory and Legislative Initiatives that Impact All Areas of District Operations	*							100%
5		Address Customer and Regulatory Needs Through a Comprehensive Infrastructure Management Program								
	1.	Implement Stormwater Operating and Capital Improvement Program	*							100%
	2.	Implement Wastewater Operating and Capital Improvement Program	*							100%
	3.	Implement Asset Management Program						*		90%
	4.	Enhance Reliability of Information Technology Infrastructure						*		80%
	5.	Implement Smart Utility Technologies and Data Driven Solutions to Reduce Capital Costs and Increase Utility Performance.	*							30%
6		Create a Learning and Business-Oriented Culture Based on Competency and Accountability								
	1.	Increase Organizational Performance through Improved Communications					*			80%
	2.	Improve Organizational Effectiveness through Leadership Development and Succession Management					*			50%
	3.	Increase Individual Accountability & Job Satisfaction Through Continual Performance Coaching & Training					*			70%
	4.	Restructure a Recruitment Strategy that Promotes and retains a Talented and Diversified Workforce					*			80%
	5.	"Show Me MSD" - Business Partnership to Meet the Needs of the Communities that Support Them					*			20%
	6.	Identify and Implement Safety & Security Training to Support a Safe Work Environment					*			60%

★ Indicates Department Lead for Objective

- 0%-24% of goal completed
- 25%-75% of goal completed
- 76%-100% of goal completed
- Eliminated

Note: Refer to Department Budgets for additional details

FY23 Business Case Summary

In the budget process, the business cases are a means of linking the Budget and the Strategic Business and Operating Plan.

	02540 - Benefits & Compensation	Human Resources Department Total	04024 - Market Street Building	04051 - Billings & Collections Administration	Finance Department Total	08030 - Planning	08050 - Environmental Compliance	Engineering Department Total	Total
Approved	BC1		BC2	BC1		BC1	BC1		
Description	Outsource Payroll Functions		Convert Contracted Positions Back to MSD Positions	Billings & Collections Accounting and Analysis		Linear Asset Management Decision Support Tool	WIMS/PIMS replacement		
Strategy	STRATEGY 3: INTEGRATE AND IMPROVE THE DISTRICT'S BUSINESS PROCESS		STRATEGY 2: MANAGE THE DISTRICT'S COSTS AND REVENUES TO OPTIMIZE FINANCIAL IMPACTS	STRATEGY 2: MANAGE THE DISTRICT'S COSTS AND REVENUES TO OPTIMIZE FINANCIAL IMPACTS		STRATEGY 5: ADDRESS CUSTOMER AND REGULATORY NEEDS THROUGH A COMPREHENSIVE INFRASTRUCTURE MANAGEMENT PROGRAM	STRATEGY 3: INTEGRATE AND IMPROVE THE DISTRICT'S BUSINESS PROCESS		
Objective	Objective 3: ORACLE EBS UPGRADE AND OUTSOURCED PAYROLL & BENEFITS		Objective 2: IDENTIFY AND IMPLEMENT COST SAVINGS INITIATIVES	Objective 1: INCREASE COLLECTION OF DELINQUENT REVENUE & Objective 2: IDENTIFY AND IMPLEMENT COST SAVINGS INITIATIVES		Objective 3: Implement Asset Management Program	Objective 6: IMPLEMENT INTEGRATED WASTEWATER OPERATIONS & COMPLIANCE SOFTWARE SOLUTION (WIMS/PIMS)		
51011 Regular Salaries	-	-	\$99,642	\$58,071	\$157,713	-	-	-	\$157,713
51210 FICA Taxes	-	-	7,623	4,442	12,065	-	-	-	12,065
51221 Health Insurance	-	-	22,248	10,197	32,445	-	-	-	32,445
51222 Dental Insurance	-	-	360	165	525	-	-	-	525
51223 Life Insurance	-	-	146	67	213	-	-	-	213
51224 Disability	-	-	354	162	516	-	-	-	516
51225 Vision	-	-	250	115	365	-	-	-	365
51231 Pension Contributions-Defined Contribution Plan	-	-	12,800	5,867	18,667	-	-	-	18,667
52300 Safety Footwear	-	-	400	-	400	-	-	-	400
52330 Computer Supplies	-	-	-	-	-	350,000	-	350,000	350,000
54520 Professional Service	250,000	250,000	-	-	-	-	200,000	200,000	450,000
Total Incremental	\$250,000	\$250,000	\$143,823	\$79,086	\$222,908	\$350,000	\$200,000	\$550,000	\$1,022,908
FTE Impact	-	-	2	1	3	-	-	-	3

**STRATEGIC BUSINESS AND OPERATING PLAN
FISCAL YEARS 2023 - 2027 OBJECTIVES**

Strategy	Obj	Description	DEPARTMENTS IMPACTED							FY23				Years of Additional Milestones				
			Engineering	Executive Director	Finance	General Counsel	Human Resources	Information Technology	Operations	Secretary Treasurer	Q1	Q2	Q3	Q4	2024	2025	2026	2027
1		Inform, educate and partner to build stakeholder understanding.																
		1. Execute community outreach programs and engagement programs.		*														
		2. Execute outreach programs for elected representatives and other municipal officials.		*														
		3. Execute diversity and associated outreach programs.		*														
2		Manage the District's costs and revenues to optimize financial impacts.																
		1. Increase collection of delinquent revenue.		*	*													
		2. Identify and implement cost savings initiatives.			*				*									
		3. Maximize long-term financial plans for District needs.			*													
3		Integrate and improve the District's business processes.																
		1. Implement Information Governance Program that meets the District's Records & Information Discovery, Compliance and Information Security Policies.							*									
		2. Integrate capital asset information across systems (Oracle, Maximo and GIS)	*		*			*	*									
		3. Oracle EBS upgrade and outsourced payroll & benefits.						*										
		4. Mobile technology strategy.						*										
		5. CIS System Replacement			*			*										
		6. Implement integrated wastewater operations & compliance software solutions (WIMS/PIMS)	*		*			*	*									
		7. Implement updated construction document management system (Prolog)	*					*										
4		Promote appropriate standards through proactive regulatory and legislative involvement.																
		1. Participate in stakeholder groups to develop sound technical basis for regulatory issues.				*			*									
		2. Promote appropriate regulatory and legislative initiatives that impact all areas of District operations.				*			*									
5		Address customer and regulatory needs through a comprehensive infrastructure management program.																
		1. Implement stormwater operating and capital improvement program.	*						*									
		2. Implement wastewater operating and capital improvement program.	*						*									
		3. Implement Asset Management Program.						*										
		4. Enhance reliability of Information Technology infrastructure.						*	*									
		5. Implement technologies and data driven solutions to reduce capital costs and increase utility performance.	*					*	*									
6		Create a learning and business-oriented culture based on competency and accountability.																
		1. Increase organizational performance through improved communications.						*										
		2. Improve organizational effectiveness through leadership development and succession management.						*	*									
		3. Increase individual accountability and job satisfaction through continual performance coaching.						*										
		4. Implement safety and security training to support training to support a safe work environment.		*					*									

★ Indicates Department Lead for Objective
■ Start
■ Finish

Note: Refer to Department Budgets for additional details

METROPOLITAN ST. LOUIS SEWER DISTRICT
PERFORMANCE SCORECARD

As of June 30, 2021

Category	Subject	FY19 Performance	FY20 Performance	FY21 Goal	FY21 Performance	FY22 Goal	Department
Customer Service	Overall Quality of Service	8.0	8.0	≥8 out of 10	8.0	≥8 out of 10	Operations
	On-Time Emergency Response (1)	89%	82%	≥ 90%	86%	≥ 90%	Operations
Mission	Treatment Plant Compliance Rate (2)	100%	100%	100%	99.9%	100%	Operations
	Sewer Overflows-Dry Weather	215	177	<162 annually (2.5 per 100 miles of pipe)	167	<162 annually (2.5 per 100 miles of pipe)	Operations
	Maintenance Related Backups	267	296	<424 annually (<1 in 1000 customers)	283	<424 annually (<1 in 1000 customers)	Operations
	CIRP Schedule Compliance (3)	82%	77%	≥80%	82%	≥80%	Engineering
Financial	CIRP Budget Performance (4)	82%	78%	≥95%	92%	≥95%	Engineering
Organizational Effectiveness	Non-Capital Competitive Purchasing (5)	99%	99%	>95%	99%	>95%	Finance

Note: (1) Performance is measured by 4-hour window for emergency response. If our response time is longer than 4 hours we do not meet our goal.

Our compliance rate is measured against the requirements outlined in our NPDES Permits which are issued by the Department of Natural Resources. The permits have a number of measurements that we must do to insure our treatment plants are in compliance. There are hundreds of tests we must perform on daily, weekly, and monthly basis throughout the year. Our goal is

Note: (2) 100% compliance. If we fail a test for some reason, it lowers our percentage.

The planned Board Introduction month for each project in the CIRP is locked in June of the previous fiscal year. Performance is then measured by % of projects that were included on the Board

Note: (3) agenda for introduction by that date (on time or earlier).

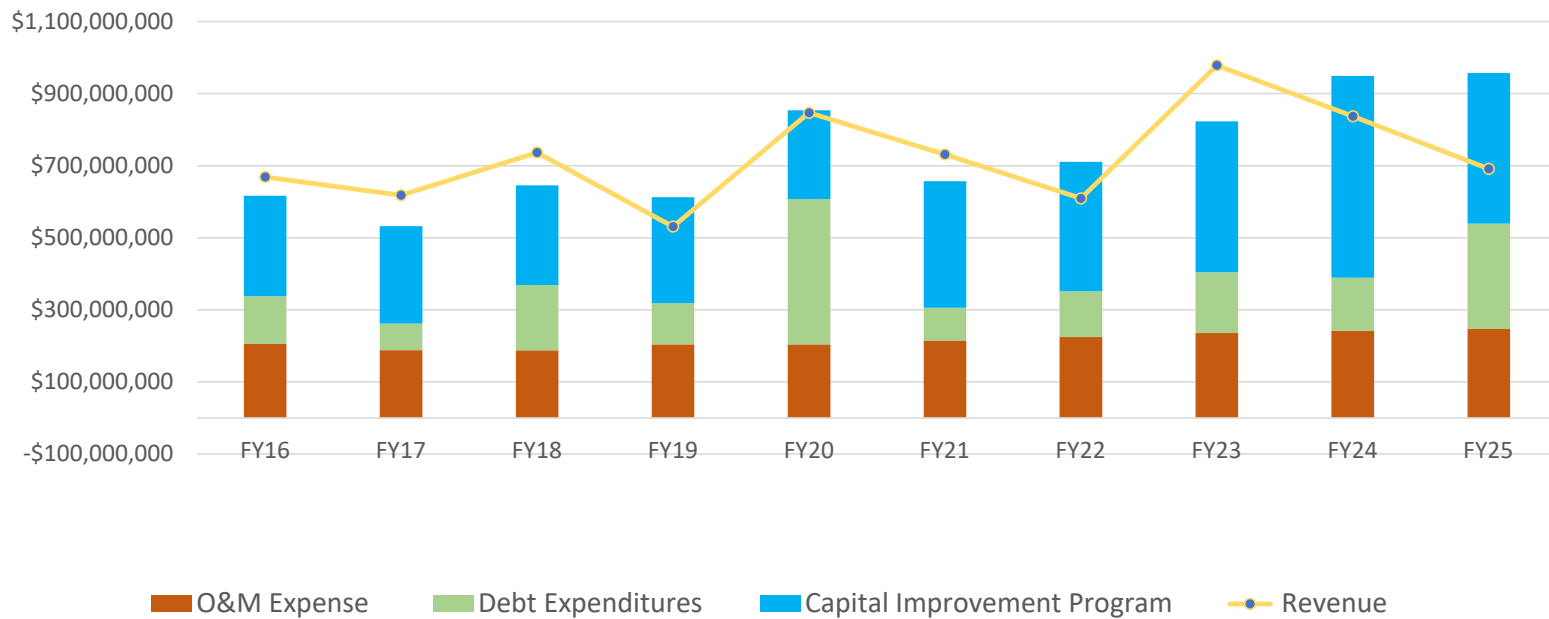
Note: (4) Total appropriations vs. budgets for the projects scheduled each month per the Board Introduction Schedule.

Note: (5) Competitive vs. Non Competitive Spend as a Percentage of Total Year to Date at June 30.

Performance Meets or Exceeds FY21 Goal

Performance Does Not Meet FY21 Goal

10 Years of Revenues and Expenses



FY16-FY21 Actuals - FY 22 Forecast - FY 23- FY25 Projected

BUDGET PROCESS FY23

The District’s SBOP is the key to the development of the Annual Budget. The SBOP process begins in July when all Departments are given the opportunity to reassess goals, strategies and objectives and the means for accomplishing them. The budget serves as the tool to communicate the District’s long-term plans and policies to the public, details the costs of services and programs and becomes the plan to accomplish the District’s goals and objectives during the next fiscal year.

The budget process begins in early October with the projection of revenues (wastewater and stormwater user charges, investment & other income). District-wide imperatives and budgetary parameters are established by Executive Management and The Board of Trustees (“The Board”). The imperatives for this fiscal year include:

IMPERATIVES FOR FY23	STRATEGIC BUSINESS PLAN	
	STRATEGY	OBJECTIVE
Base budgets, except for salaries, wages, and benefits, should remain at FY22 levels. All increases to current service levels should be delayed if possible. Any proposed cost increases to accounts other than salaries, wages, and benefits need to be justified as part of base budget submittals.	2	2
All business cases will require extended justification as to why new initiatives need to be done this year and cannot wait until future budget requests.	2	2
No planned acceleration of Consent Decree projects. Acceleration of any projects during fiscal year only allowed after fiscal review by senior management.	5	2

Department Directors and Managers begin budget development by providing an updated expenditure forecast for the remainder of FY22. A two step, zero-based budgeting method is used to develop the FY23 budget. This method requires written justification as to need and purpose for all expenditures. The first step is the preparation of a base budget that reflects the ongoing day-to-day operations of each Department. The second step is the preparation of an incremental budget, which reflects costs associated with initiatives outlined in the SBOP. Throughout the budget development process, departmental staff is required to evaluate programs and identify possible changes in services and staff positions. The Department Directors forward their proposed base budgets to the Director of Finance for analysis. Cost benefit business cases are used to support incremental budgets submitted to the Executive Director for review. The base budgets and requests for incremental funding are then compiled and further analyzed to ensure the preliminary budget meets the District’s needs, priorities, goals and objectives without exceeding forecasted resources.

Any unresolved issues are presented to the Executive Director for a final decision. The recommended budget reductions and adjustments are then incorporated. Per Charter a preliminary budget is delivered to the Board for review by March 15th. A series of budget presentations are given to the Board’s Finance Committee to allow for more in-depth review by the Trustees.

BUDGET PROCESS FY23-continued

The Board's recommended budget adjustments are incorporated into a final budget document. A proposed financial plan and an Executive Summary of the budget are communicated to the general public in the form of a public hearing. The public hearing is advertised in the newspapers at least three weeks before the scheduled hearing in order to allow sufficient time for the public to review and ask questions. The Board is then required to adopt the budget, tax and rate ordinances (if applicable) consistent with the District's Charter and state law.

The District's fiscal year begins on July 1st. Departments are accountable for budgetary control throughout the fiscal year. Expenditure patterns are examined and compared to budget plans with variances reported. Responses to significant variances are required quarterly from each Department and reviewed by the Director of Finance. Budget status is reviewed with senior staff monthly and is reported quarterly to The Board at its monthly Finance Committee meeting. The Director of Finance reviews the District's monthly financial statements and budget variance report ensuring the District's actual revenue is sufficient to support budgeted expenditures. Forecasted expenses are also compared to budget. The District's operating budget is adopted at the Department level as detailed in the District's Budget Ordinance. Any transfers between Funds require Board approval. Budget transfers are made on an as-needed basis.

Expenditures for the CIRP are presented on an appropriated basis as opposed to a cash flow basis. The District's accounting procedures require an adequate budget to pay for planned Ordinances in the period in which an Ordinance is appropriated. All outstanding CIRP encumbrances remain open until a project is completed.

There were no major changes from FY22 compared to FY23 in service levels, wastewater user charges fees, or taxes. Revenue bonds increased from FY22 by \$343 million totaling \$462 million in FY23 budget.

A budget is developed for both revenues and expenses:

1. Revenue expectations are developed from trend analysis, incorporating upcoming rate increases and significant economic and policy factors.

- FY23 Total Revenue: (shown in million \$)

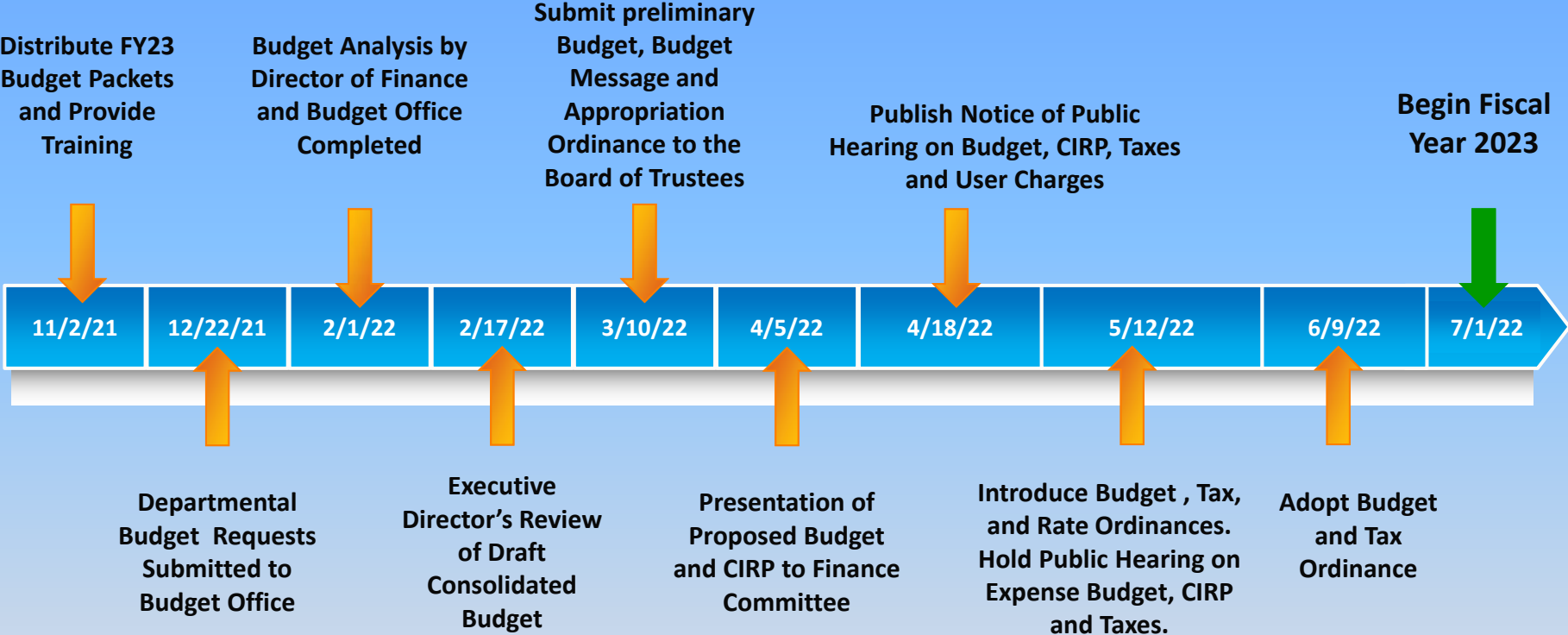
Wastewater User Charges:	\$460.2
Revenue Bonds:	462.0
Taxes:	45.2
Investment and Other Income:	11.3
Increase of Fund Balances:	<u>-155.8</u>
TOTAL DISTRICT REVENUE:	\$822.9

2. Operating Expenses are developed using a zero-based budgeting method with written justification for all expenditures. The CIRP is developed by the District's Engineering Department based on the revenues forecasted for the coming year. Projects prioritized for the coming year are outlined in a supplemental report in conjunction with the Operating Budget. Debt service for the District's existing and forecasted use of bonds is developed by the District's Secretary-Treasurer's Department and incorporated into the Operating Budget.

- FY23 Total Expense: (shown in million \$)

Operating Budget:	\$235.6
CIRP:	418.5
Debt Service:	<u>168.8</u>
TOTAL DISTRICT EXPENSES:	\$822.9

MSD Calendar for Fiscal Year 2023 Budget Development



Summary of Changes from Preliminary Budget Books

FY23
(\$s in millions)

<u>FY23 Total Revenue</u>	Preliminary Budget Book	Net Change	Final Budget
WW User Charges (1)	\$460.2	\$0.0	\$460.2
Revenue Bonds	573.0	(111.0)	462.0
Taxes	45.2	0.0	45.2
Investment Income and Other	11.3	0.0	11.3
Fund Balances	-256.1	100.3	-155.8
Total District Revenue	\$833.6	\$(10.7)	\$822.9
<u>FY23 Total Expenses</u>			
Operating Budget	\$235.6	\$0.0	\$235.6
Debt Service	166.2	2.6	168.8
CIRP	431.8	(13.3)	418.5
Total District Expense	\$833.6	\$(10.7)	\$822.9

(1) Includes sewer service charges from the Wastewater Revenue Fund net of the bad debt provision and late charges from the General Fund.

**FY23 CIRP
Revised Program Summary**

\$s in millions

Type of Project	Number			Budget		
	Preliminary	Revised	Change	Preliminary	Revised	Change
Wastewater Engineering	53	52	-1	\$ 53.2	\$ 53.5	\$ 0
Wastewater Construction	46	50	4	333.3	330.6	(3)
Stormwater Engineering	9	9	0	6.9	6.9	-
Stormwater Construction	20	19	-1	17.2	16.8	(0)
New Project Appropriations Subtotal:	128	130	2	\$ 410.5	\$ 407.7	\$ (3)
Wastewater Continued	6	3	-3	\$ 19.5	\$ 9.1	\$ (10)
Stormwater Continued	1	1	0	0.2	0.2	-
Continued Project Appropriations Subtotal:	7	4	-3	\$ 19.7	\$ 9.3	\$ (10)
Project Appropriation Totals:	135	134	-1	\$ 430.3	\$ 417.0	\$ (13)

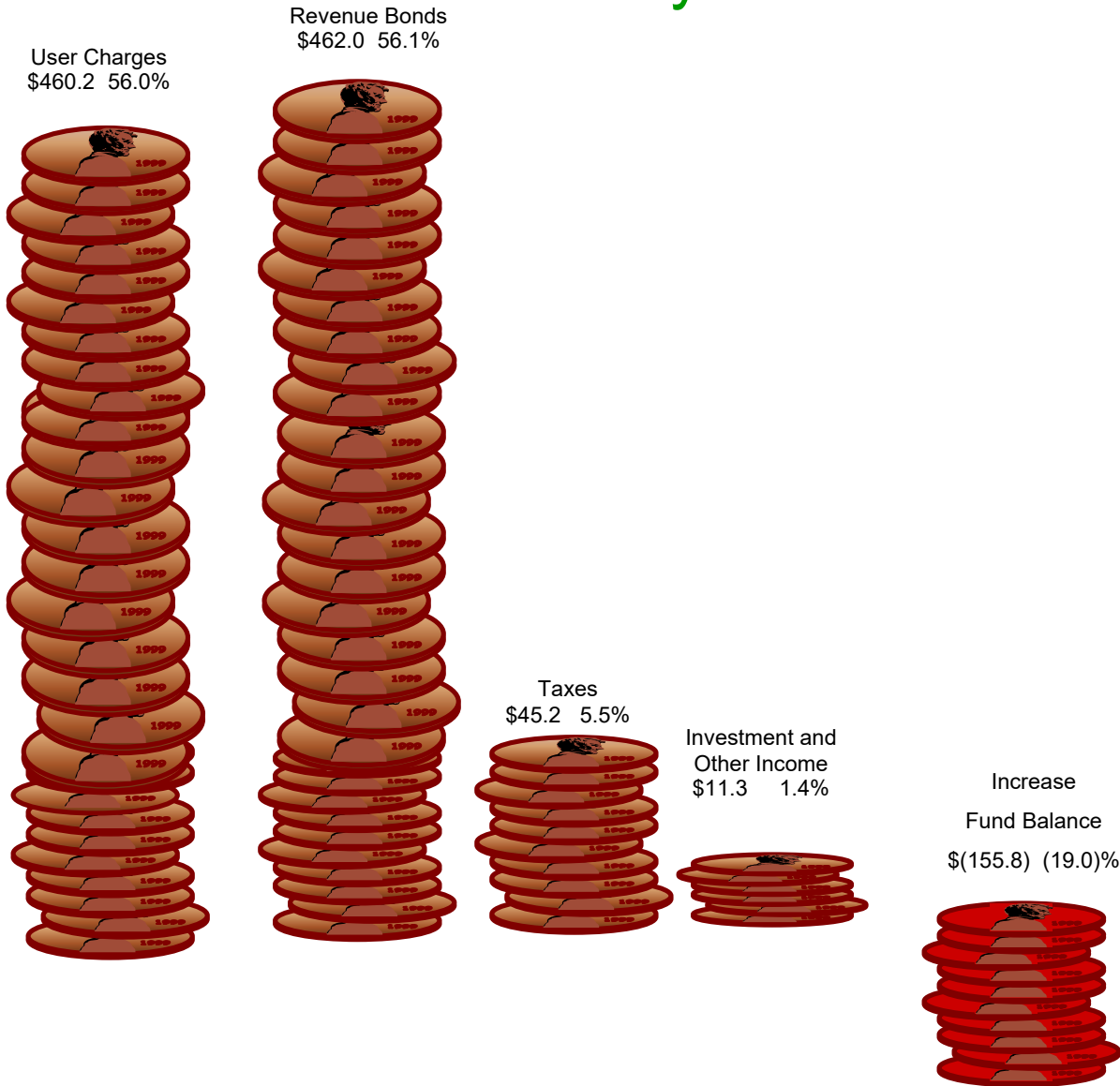
The above does not include the General Fund Project of \$1.5 million dollars for grand total of \$418.5 million

Sources and Uses of Funding

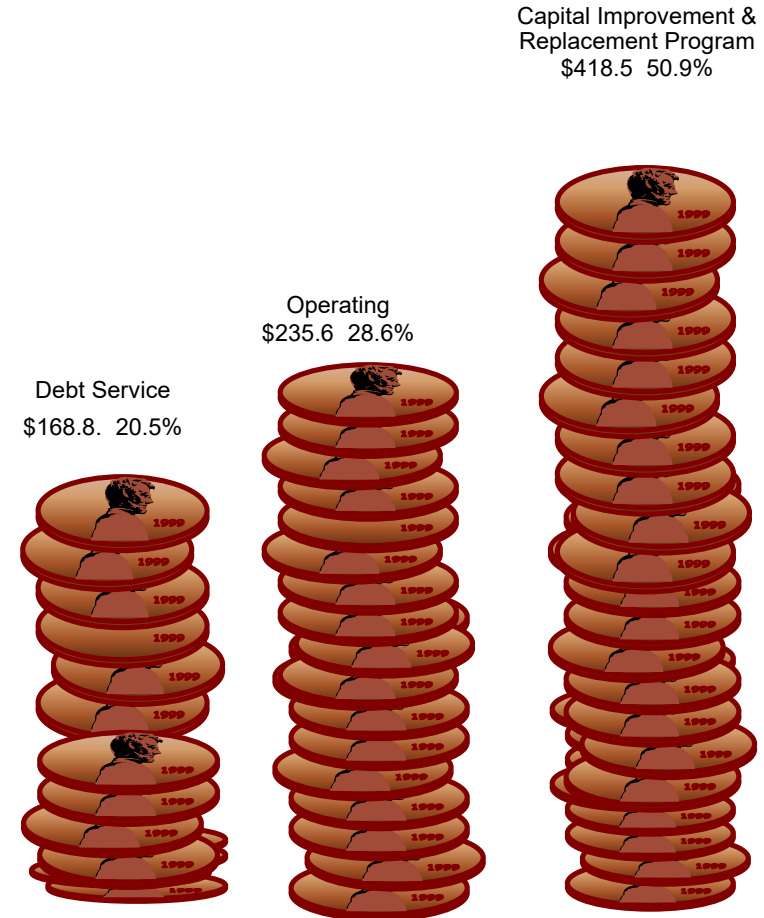
TOTAL FY23 BUDGET \$822.9

\$s in millions

Where does the money come from?



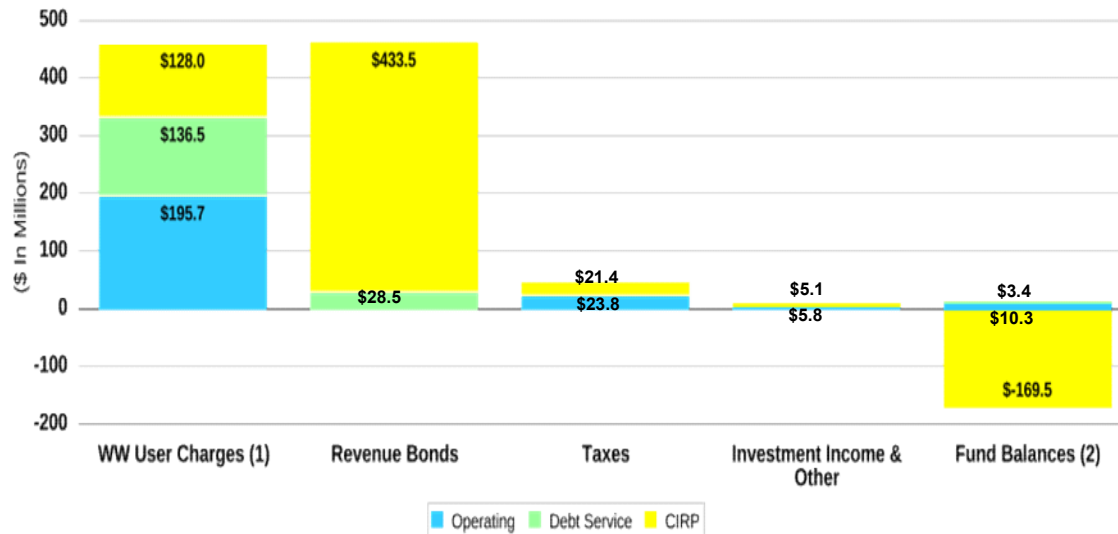
Where does the money go?



Sources of Funding

FY23
(\$s in millions)

	WW User Charges (1)	Revenue Bonds	Taxes	Investment Income & Other	Fund Balances (2)	Total
Operating	\$195.7	\$0.0	\$23.8	\$5.8	\$10.3	\$235.6
Debt Service	\$136.5	\$28.5	\$0.0	\$0.4	\$3.4	\$168.8
CIRP	\$128.0	\$433.5	\$21.4	\$5.1	-\$169.5	\$418.5
Total	\$460.2	\$462.0	\$45.2	\$11.3	-\$155.8	\$822.9



1) Included in sewer service charges from Wastewater Revenue Fund net of the bad debt provision and late charges from General Fund.

2) A positive number represents the use of fund balance as a revenue source while a negative means MSD is increasing to Fund Balance.

FY23 SOURCES OF FUNDING

USER CHARGES

The District has a Wastewater User Charge which is recorded in the Wastewater Revenue Fund. A portion of the revenue is transferred to the General Fund to cover daily operating, maintenance and replacement costs; a portion is allocated to the Water Backup Insurance and Reimbursement Fund to provide assistance to homeowners with damages resulting from blocked main and basement backups, a portion is allocated to the General Insurance Fund to provide for workers' compensation, property, general liability and other insurance expenditures, and a portion is allocated to the Debt Service Funds to meet debt service requirements on outstanding bonds issued for capital improvements. The remainder of the revenue is transferred to the Capital Improvement and Replacement Fund for construction projects and emergencies. A chart detailing the flow of funds is also included in the following pages of the Budget Summary section.

Wastewater: Residential customers with metered water service will pay a billing and collection charge, a system availability charge and a volume charge based on the most recent winter quarter water usage. Unmetered customers will pay the same charges except for a volume charge. Unmetered volume is based on housing attributes such as the number of rooms and plumbing fixtures.

Non-residential customers will pay the same charges plus an additional compliance charge. Some non-residential customers will pay extra strength surcharges for the treatment of wastewater containing suspended solids, biochemical oxygen demand or chemical oxygen demand exceeding normal wastewater strengths.

User Charges in the Wastewater Revenue Fund for FY23 is estimated at \$459.3 million.

Other User Charges: Other User Charge revenue such as Late Fees, Lien Interest, Refunds and Account Adjustments are estimated to be \$0.95 million. This amount is net of a provision for doubtful accounts, or past-due customer bills that might go uncollected.

TOTAL WASTEWATER USER CHARGE REVENUE: The District's total FY23 User Charge revenue is estimated to be \$460.2 million.

The District provides an assistance program to customers who meet the eligibility requirements of income, age or disability. Those customers who are eligible will receive a credit equal to 50% of their sewer service charge bill. A composite schedule of the budgeted Wastewater and Stormwater user charge revenue by customer class can be found in the pages of the Revenue Funds Section.

FY23 SOURCES OF FUNDING-continued

REVENUE BONDS

The District plans to receive approximately \$433.5 million in bond and loan proceeds in FY23. These proceeds are expected to be derived from \$278 million from the Water Infrastructure Finance and Innovation Act (WIFIA) and \$155.5 million from the State of Missouri SRF for capital improvement projects. Additional bond proceeds of \$23.0 million from Proposed Direct Purchase of Refunding Bonds will be used to refund 2013B Wastewater System Senior Revenue. There are premiums associated with the proposed direct purchase in the amount of \$5.5 million.

Prior to a November 2000 Charter change, the District was unable to issue revenue bonds as a source of funding its CIRP. Almost all the District's capital expenditures were funded from annual cash flow, known as Pay-As-You-Go (PAYGO) funding. Continuation of a PAYGO approach as the District's sole funding option would have required significant rate increases to generate the necessary annual capital funding. PAYGO is the lowest cost funding source due to its avoidance of the financing and interest costs associated with long term debt. The primary negatives associated with PAYGO funding include: 1) the short-term impact on customer rates, and 2) the mismatch between the cost and benefit of the District's capital infrastructure to the users. In the case of capital projects that have a long-life expectancy, PAYGO funding causes today's customers to pay for an asset that will be used by tomorrow's customers for many years. Financing a portion of the capital program with bonds is an excellent way to distribute the cost of long-term assets to the future customers who will benefit from the use of the assets and lessen the impact of short-term rate increases.

It is typically considered good public policy to allocate a portion of the cost of long-term assets to future users by the use of debt. At the same time, prudent fiscal policy would not allow 100% debt financing. The goal is to strike the correct balance between the distribution of the cost of long-term assets to the users that benefit from them and maintaining healthy financial ratios.

FY23 SOURCES OF FUNDING-continued

AD VALOREM TAXES

The District's budget for tax revenue in FY23 totals \$45.2 million. During FY23 all taxpayers within the District's boundaries will be assessed a \$0.0169 (one point sixty-nine cents) per \$100 of assessed valuation tax levy to pay primarily for stormwater services required by State and Federal regulations. Except for taxpayers living in certain levy districts, all taxpayers within the District will also be assessed a \$0.0872 (eight point seventy-two cents) per \$100 of assessed valuation tax levy to pay for the District's non-regulatory stormwater costs. This tax revenue of approximately \$35.4 million is recorded in the Stormwater Regulatory Fund (\$5.9 million) and the Districtwide Stormwater Fund (\$29.5 million) of the District.

Other property tax rates were suspended within the District's boundaries beginning in FY17. All subdistrict taxes previously collected within these boundaries are held in the OMCI fund balances and must be used primarily for stormwater capital improvements and stormwater operating expenses within the specific subdistrict boundaries in which the taxes were collected. However, in FY21 the District reinstated six of the tax levies and one additional in FY22 totaling \$9.8 million in FY23 to provide funding for stormwater capital projects for Coldwater Creek Trunk Subdistrict in the amount of \$2.0 million, Maline Creek Trunk Subdistrict in the amount of \$0.7 million, Subdistrict No. 366 (University City Branch of River des Peres Stormwater Subdistrict) in the amount of \$1.0 million, Subdistrict No. 367 (Deer Creek Stormwater Subdistrict) in the amount of \$4.0 million, Subdistrict No. 369 (Sugar Creek Stormwater Subdistrict) in the amount of \$0.3 million, Subdistrict No. 454 (Seminary Branch of River des Peres) in the amount of \$0.3 million and the newly added Gravois Creek Trunk Subdistrict in the of \$1.5 million. The detailed taxes rates are included in the tax ordinance section.

FY23 SOURCES OF FUNDING-continued

INVESTMENT INCOME & OTHER FEES

Investment Income and Other Fees will fund \$11.3 million of the Budget. Investment income of approximately \$5.3 million is anticipated. Connection fees are expected to generate \$3.4 million based on a flat rate per connection to the sanitary system. These revenue estimates are based on previous experience, current economic conditions and anticipated new home construction. Miscellaneous income of approximately \$2.0 million is expected, \$1.3 million relating to court awarded court costs and attorney fees, reimbursement of district costs totaling \$153 thousand, \$47 thousand pertaining to forfeited construction deposits, \$15 thousand for sale of scrap and the remainder consists of \$451 thousand of miscellaneous income. Rental income is expected to generate \$0.4 million. Finally, \$0.2 million is expected to be generated from the sale of property.

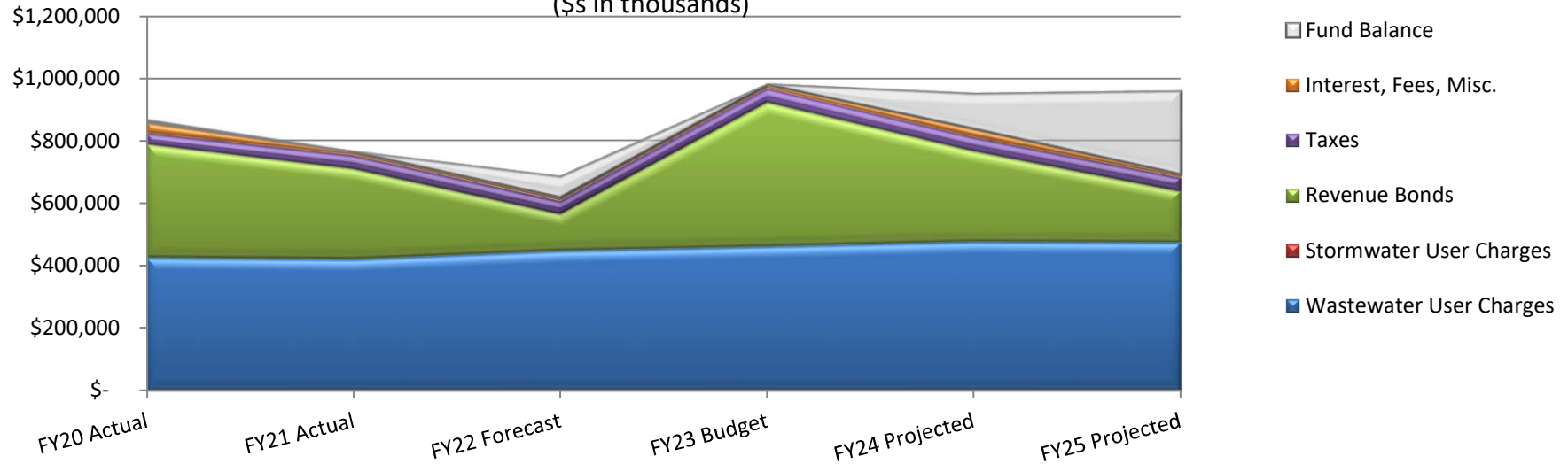
FUND BALANCES

These sources of funding will result in a fund balance increase of \$155.8 million during FY23.

CONSOLIDATED REVENUE SOURCES

Revenue Trends

(\$s in thousands)



This analysis of MSD’s revenue compares actual revenues received in FY20 and FY21, forecasted for FY22, budgeted for FY23 and projected for FY24 and FY25. The District normally submits a Rate Change Proposal to the Rate Commission every four years. The analysis required to complete this proposal includes impacts of historical trends, the local economy, housing development and projected inflation factors. A Rate Commission Report, accepted by the Board of Trustees, recommended a four-year Wastewater User Charge rate with annual increases from FY21 through FY24. Revenue growth from rate increases has been mitigated by a declining trend in billed volumes resulting in a compounded annual wastewater revenue growth rate of approximately 2.2% from FY20 to FY24. Taxes which fund MSD's stormwater services fluctuate little from year-to-year and are expected to be approximately \$45.2 million in FY23. For FY25, the District will go back to the Rate Commission with a rate change proposal in February of 2023. For now, the FY24 approved rates are used to project FY25 revenue.

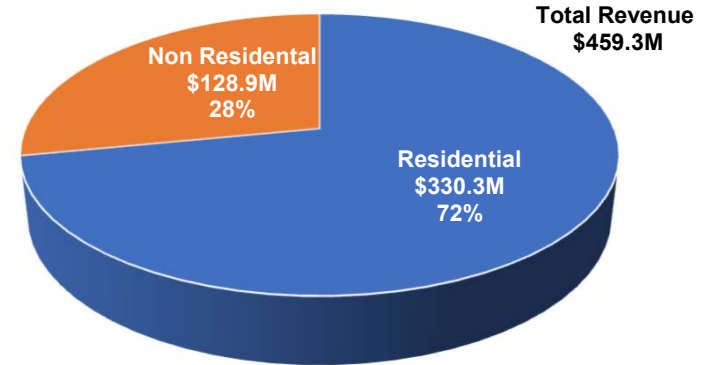
In April 2016, the voters approved the authorization of \$900 million in bonds and voters approved another \$500 million authorization in April 2021. The District continues to utilize that authorization with \$553 million remaining at the end of May FY22. In FY20, bond proceeds of \$352 million were utilized against the April 2016 authorization. Planned issuances in FY22 - FY25 will further utilize the April 2016 and portion of April 2021 authorizations. It is estimated an authorization of \$0 will remain after FY25. The proposed bond proceeds take into consideration the required CIRP, the cost of issuance, and the rate of return.

Interest, fees, and miscellaneous includes interest on investments, connection and other fees. The impact of these revenue sources does not change significantly in most years. Finally, Fund Balance appears on the graph as a revenue source in years where fund balance declines as it is used to fund operations, debt service, or the CIRP.

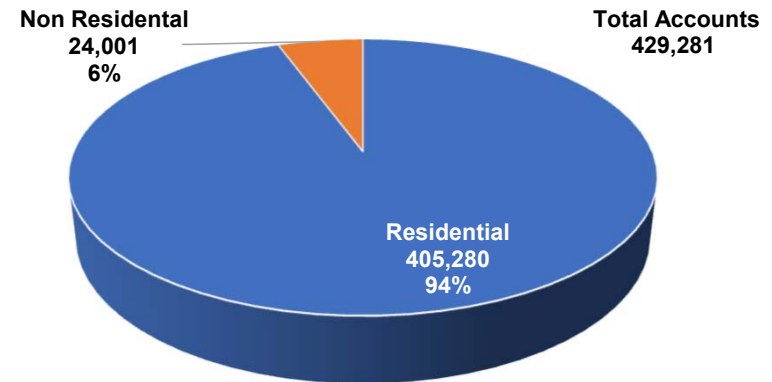
METROPOLITAN ST. LOUIS SEWER DISTRICT
 Projected User Charge Revenue
 FY23 BUDGET
 COMPOSITE

	Projected Revenue
WASTEWATER USER CHARGE	
Metered Single Family	\$201,926,876
Unmetered Single Family	51,895,348
Metered Multi-Family	46,517,159
Unmetered Multi-Family	28,350,253
Non-residential	122,298,088
Extra Strength Surcharges	6,636,607
Customer Assistance Program	1,655,260
Subtotal WASTEWATER USER CHARGE	\$459,279,591
GENERAL FUND USER CHARGES	
Bad Debt Provision	(\$5,735,040)
Adjustments, Late Charges & Other	6,683,222
	<u>\$948,182</u>
USER CHARGE REVENUE	<u><u>\$460,227,773</u></u>

Wastewater User Charge Revenue Dollars



Wastewater User Accounts



The pie chart shows the distribution of revenue and accounts expected to be billed between residential and non-residential accounts. The smaller class of accounts (non-residential) contributes a proportionately greater amount of the user charge revenues.

FY23 MSD FLOW OF USER CHARGE FUNDS

MSD has two separate and distinct self-supporting services: wastewater service and stormwater service. In order to recover the cost of providing these services in a fair and equitable manner, there are two distinct pricing methods. The wastewater service charge is based on the volume and strength of wastewater discharged into the sewer. The stormwater services are paid for with ad valorem taxes instead of a user charge.

Wastewater User Charges are recorded in the Wastewater Revenue Fund. The details of the Wastewater revenue can be found in the revenue section of this document. The entire balance of this fund is transferred each month to other function-specific funds. From the Wastewater Revenue Fund, the largest amounts are allocated to the General Fund for the operation and maintenance of existing facilities and the Sanitary Replacement Fund for the replacement of existing facilities. Smaller amounts are transferred to the Wastewater Emergency Fund to cover the cost of emergency work that may occur during this fiscal year, the Water Backup Insurance & Reimbursement Fund to cover the cost of water backup insurance and reimbursement, the General Insurance Fund to cover the cost of all other insurance premiums and related costs, and the Debt Service Fund to cover the cost of principal and interest on revenue bonds.

The overall budget for the General Fund, whose resources are only partially made up of the sewer service charge allocation from the revenue fund, can be found in the General Fund section.

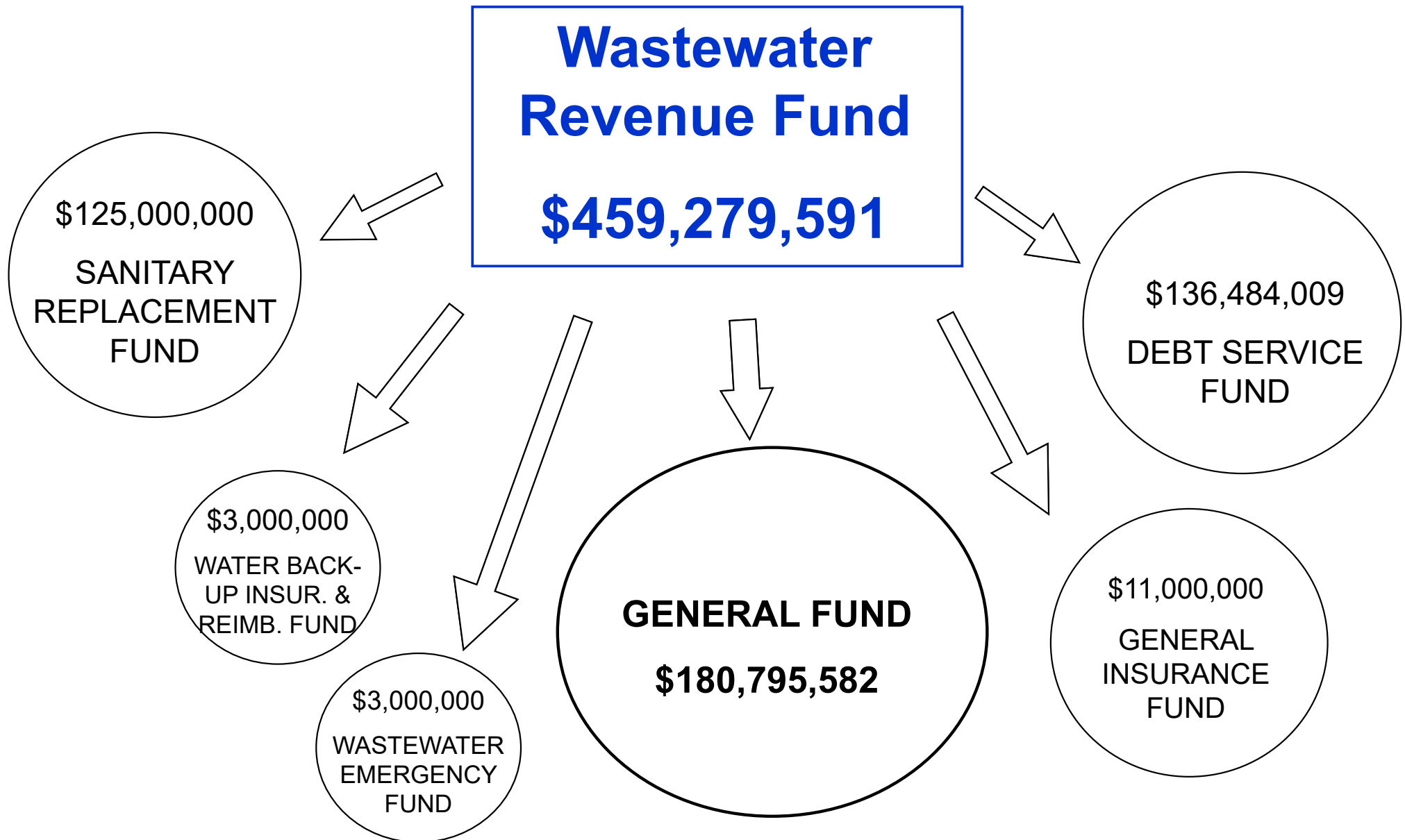
The proposed budget for the Sanitary Replacement Fund can be found in the Construction Funds section. The revenue derived from the applicable user charge is listed as an Interfund Transfer in the column labeled FY23 BUDGET. The pages immediately following the table show the projects currently planned for that fund.

The proposed budget for the Wastewater Revenue Bond Service Fund can be found in the Debt Service Funds section. The revenue transferred from the Wastewater Revenue Fund is listed as an Interfund Transfer in the column labeled FY23 BUDGET.

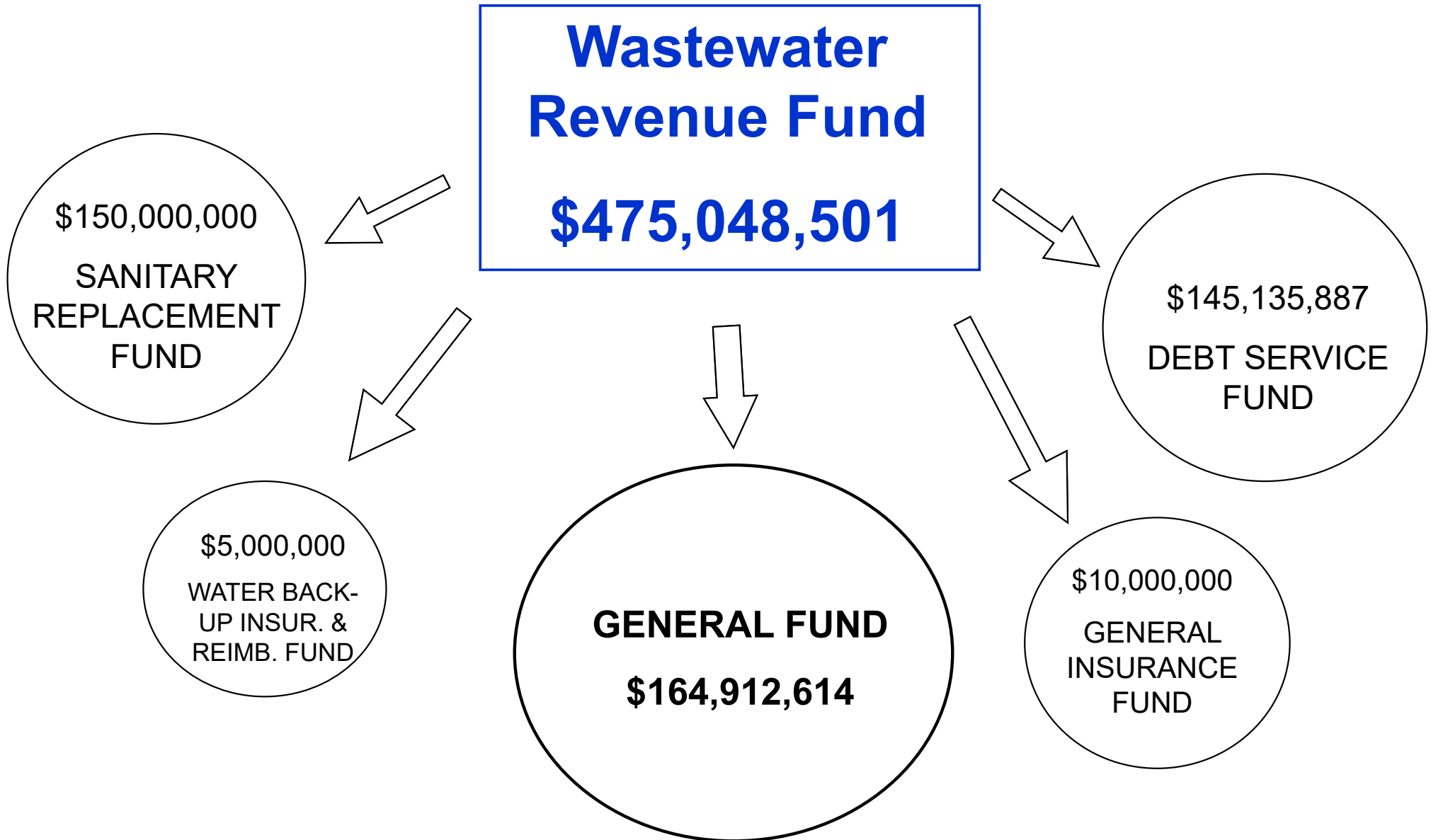
The proposed budget for the Water Backup Insurance and Reimbursement Fund, the General Insurance Fund, and the Wastewater Emergency Fund can be found in the Special Funds section. The revenue transferred from the Wastewater Revenue Fund is listed as an Interfund Transfer in the columns labeled FY23 BUDGET.

Please refer to the following chart that graphically depicts the MSD flow of funds.

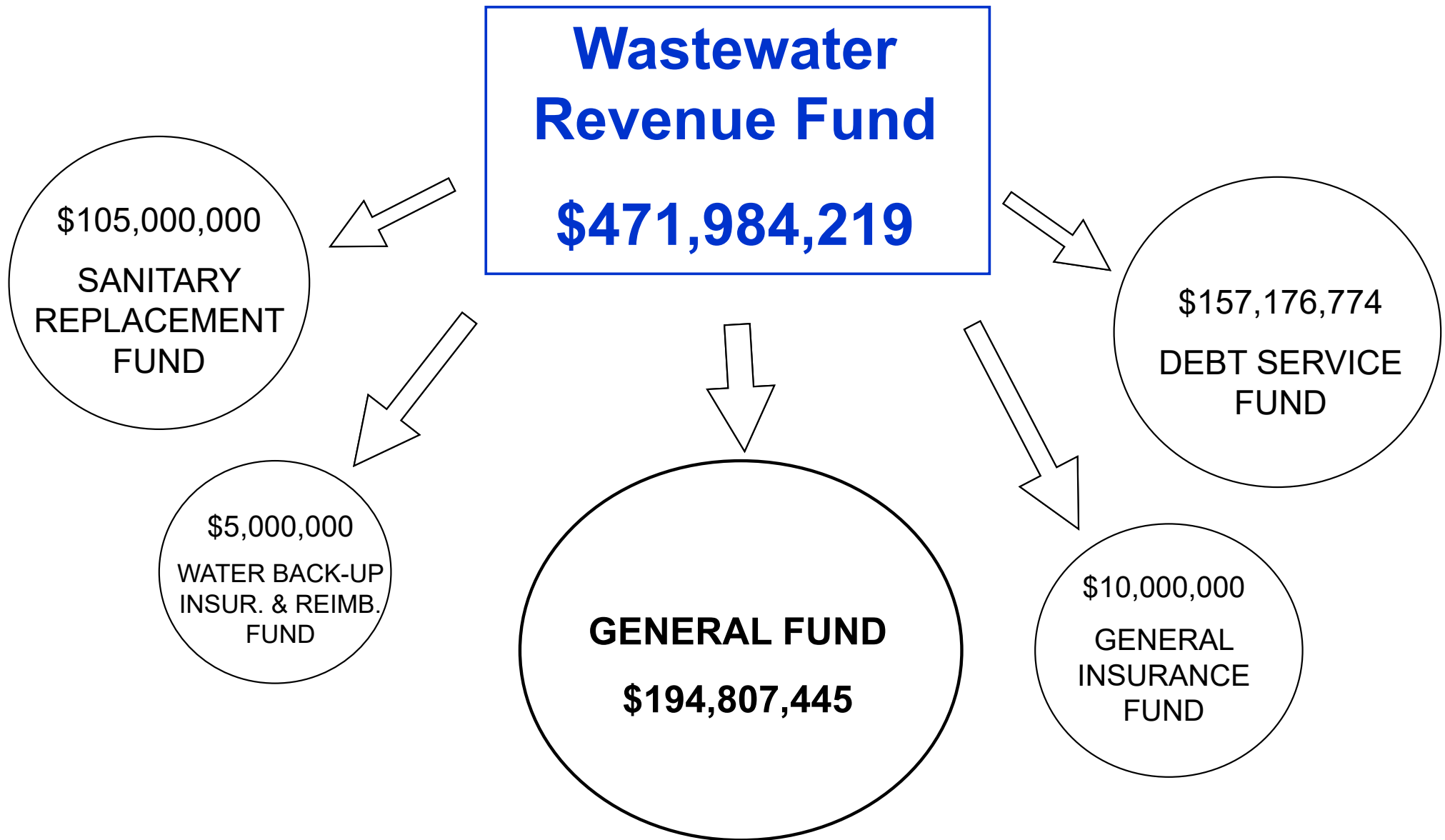
MSD Flow of User Charges FY23



MSD Flow of User Charges FY24



MSD Flow of User Charges FY25



FY23 MONTHLY USER CHARGE STRUCTURE

A cost of service model is used to project revenues and revenue requirements for four fiscal years, recognizing anticipated growth in number of customers and increased wastewater flows throughout the service area. The study of revenue requirements recognizes projected operation and maintenance expense, capital improvement requirements met from revenues, principal and interest payments on current and proposed revenue bond issues, and recommended reserve fund requirements.

Allocated costs of service are developed for each class of customer and type of service based on considerations of utility revenue needs and projected customer service requirements. User charge rate adjustments are designed for customers in accordance with allocated costs of service and local policy and practical considerations.

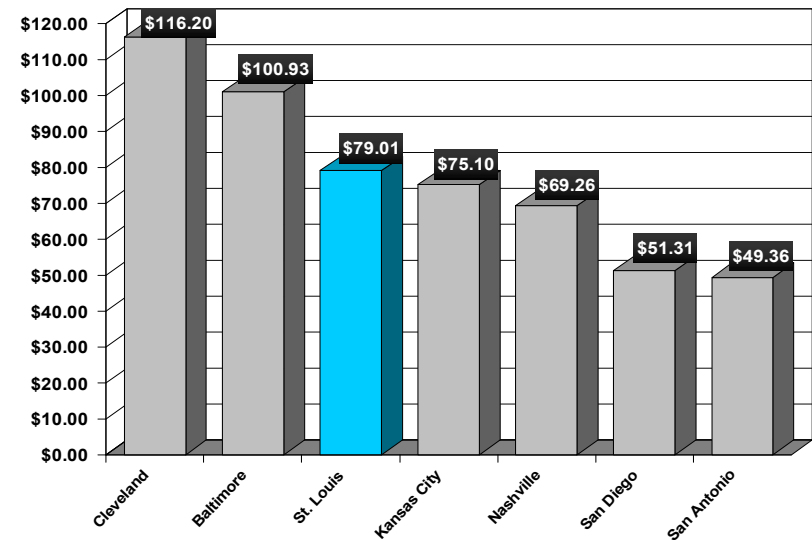
WASTEWATER USER CHARGE RATES (Monthly)

	<u>FY24</u>	<u>FY23</u>	<u>FY22</u>	<u>FY21***</u>	<u>FY20</u>
Unmetered:					
Billing, Collection & System Availability Charge	\$29.29	\$28.26	\$27.31	\$26.40	\$26.35
Per Room	3.29	3.17	3.06	2.95	2.89
Per Water Closet	12.23	11.80	11.40	11.02	10.72
Per Bath	10.20	9.84	9.51	9.19	8.93
Per Separate Shower	10.20	9.84	9.51	9.19	8.93
Metered--Residential and Non-Residential:					
Billing, Collection & System Availability Charge	\$29.29	\$ 28.26	\$27.31	\$26.40	\$26.35
Volume Charge - \$/100 Cubic Ft.	5.55	5.35	5.17	5.00	4.87
Metered--Non-Residential:					
Compliance Charge Tier 1	\$5.85	\$4.71	\$4.55	\$4.44	\$3.14
Compliance Charge Tier 2	67.67	65.80	62.64	62.16	62.61
Compliance Charge Tier 3	144.98	140.99	136.37	133.20	137.75
Compliance Charge Tier 4	193.30	187.98	181.83	177.60	203.49
Compliance Charge Tier 5	241.63	234.98	227.29	222.00	266.10
Extra Strength Surcharge - \$/Ton:					
Suspended Solids over 300 mg/l*	\$329.43	\$320.36	\$309.88	\$302.67	\$283.87
BOD over 300 mg/l	884.78	860.43	832.28	812.94	708.56
COD over 600 mg/l	442.40	430.22	416.14	406.47	354.30

*mg/l: milligrams per liter

*** Rates are effective October 1, 2020.

**Residential Wastewater User Charge
St. Louis and Other Municipalities
Monthly Average for a Typical Single Family Residence
Based on 10 CCF's**



Source: <https://customerservice.neorsd.org/s/sewer-rates-and-stormwater-fees>
<https://publicworks.baltimorecity.gov/Water-Bill-Rates-and-Fees> <https://www.sandiego.gov/public-utilities/customer-service/water-and-sewer-rates/sewer> <https://www.nashville.gov/Water-Services/Customers/Rates.aspx> <https://www.saws.org/service/water-sewer-rates/residential-water-service/>
<https://www.kcwater.us/> Rates based on 10 CCF.

Note: In FY23, St. Louis MSD Single Family bill for 10 Ccf's will be \$81.76.

MSD ANNUAL USER CHARGE STRUCTURE

	<u>FY24</u>	<u>FY23</u>	<u>FY22</u>	<u>FY21***</u>	<u>FY20</u>
<u>WASTEWATER USER CHARGE RATES (Annual)</u>					
Unmetered:					
Billing, Collection					
& System Availability Charge	\$351.48	\$339.12	\$327.72	\$316.80	\$316.20
Per Room	39.48	38.04	36.72	35.40	34.68
Per Water Closet	146.76	141.60	136.80	132.24	128.64
Per Bath	122.40	118.08	114.12	110.28	107.16
Per Separate Shower	122.40	118.08	114.12	110.28	107.16
Metered--Residential and Non-Residential:					
Billing, Collection					
& System Availability Charge	\$351.48	\$339.12	\$327.72	\$316.80	\$316.20
Volume Charge - \$ per 100 Cubic Feet	5.55	5.35	5.17	5.00	4.87
Metered--Non-Residential:					
Compliance Charge Tier 1	\$70.20	\$56.52	\$54.60	\$53.28	\$37.68
Compliance Charge Tier 2	812.04	789.60	751.68	745.92	751.32
Compliance Charge Tier 3	1,739.76	1,691.88	1,636.44	1,598.40	1,653.00
Compliance Charge Tier 4	2,319.60	2,255.76	2,181.96	2,131.20	2,441.88
Compliance Charge Tier 5	2,899.56	2,819.76	2,727.48	2,664.00	3,193.20
Extra Strength Surcharge-\$/Ton:					
Suspended Solids over 300 mg/l*	\$3,953.16	\$3,844.32	\$3,718.56	\$3,632.04	\$3,406.44
BOD over 300 mg/l	10,617.36	10,325.16	9,987.36	9,755.28	8,502.72
COD over 600 mg/l	5,308.80	5,162.64	4,993.68	4,877.64	4,251.60
* ml/g: milligrams per liter					
<u>STORMWATER SERVICE CHARGE (Annual)</u>					
Per Single Family/Commercial Account	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Per Unit of Multi-Unit Residential Account	0.00/unit	0.00/unit	0.00/unit	0.00/unit	0.00/unit

Ten Largest Customers' User Charges For the Year Ended June 30, 2021		
<u>Customer</u>	<u>User Charge</u>	<u>Percent of Total User Charges</u>
InBev Anheuser-Busch	\$5,329,515	1.27%
CITY OF ST LOUIS	\$2,088,772	0.50%
Sigma-Aldrich	\$1,839,263	0.53%
Missouri-American Water Co.	\$1,728,302	0.41%
Washington University	\$1,688,185	0.40%
GKN Aerospace N America Inc.	\$1,064,644	0.25%
Just Real Estate LLC	\$1,064,622	0.25%
The Boeing Company	\$1,051,546	0.25%
BJC Health System	\$1,034,101	0.25%
St. Louis University	\$948,931	0.23%
Total Top Ten by User Charges	<u>\$17,837,881</u>	4.24%
Total User Charges FY21	\$420,781,206	

*** Rates are effective October 1, 2020.

**Date of Voters Bond Authorizations
Fully Utilized Bond Authorizations
(\$s in millions)**

Bond Date	Series	Type	Refunding - Not Applied Against Authorization	2/1/2004	8/1/2008	6/1/2012	4/1/2016 (1)	Grand Total
May-04	2004A	Wastewater System Refunding Bond		\$ 175.0				\$ 175
May-04	2004B	State Revolving Loan - Subordinte Revenue Bonds and Direct Loan		161.3				161.3
May-05	2005A	State Revolving Loan - Subordinte Revenue Bonds and Direct Loan		6.8				6.8
Apr-06	2006A	State Revolving Loan - Subordinte Revenue Bonds and Direct Loan		42.7				42.7
Oct-06	2006B	State Revolving Loan - Subordinte Revenue Bonds and Direct Loan		14.2				14.2
Nov-06	2006C	Wastewater Senior Revenue Bond		60.0				60.0
Nov-08	2008A	Wastewater Senior Revenue Bond			30.0			30.0
Oct-08	2008A/E	State Revolving Loans Program including both Subordinate Revenue Bonds and Direct Loans.		40.0				40.0
Oct-09	2009A	State Revolving Loans Program including both Subordinate Revenue Bonds and Direct Loans.			23.0			23.0
Jan-10	2010A	State Revolving Loans Program including both Subordinate Revenue Bonds and Direct Loans.			8.0			8.0
Jan-10	2010B	Wastewater Senior Revenue Bond			85.0			85.0
Dec-10	2010C	State Revolving Loans Program including both Subordinate Revenue Bonds and Direct Loans.			37.0			37.0
Nov-11	2011A	State Revolving Loans Program including both Subordinate Revenue Bonds and Direct Loans.			39.8			39.8
Dec-11	2011B	Wastewater Senior Revenue Bond			52.3			52.3
Aug-12	2012A	Wastewater Senior Revenue Bond				225.0		225.0
Nov-12	2012B	Wastewater System Refunding Bond	141.7					141.7

Bond Date	Series	Type	Refunding - Not Applied Against Authorization	2/1/2004	8/1/2008	6/1/2012	4/1/2016 (1)	Grand Total
Oct-13	2013A	State Revolving Loans Program including both Subordinate Revenue Bonds and Direct Loans.				52.0		52.0
Dec-13	2013B	Wastewater Senior Revenue Bond				150.0		150.0
Aug-15	2015A	State Revolving Loans Program including both Subordinate Revenue Bonds and Direct Loans.				75.0		75.0
Dec-15	2015B	Wastewater System Senior Revenue Bonds 2006C and 2008A were refunded by 2015B. 2015B Also included new money of \$150 million. Only the \$150 million counts against the District's authorization.	73.9			150.0		223.9
Dec-16	2016A	State Revolving Loans Program including both Subordinate Revenue Bonds and Direct Loans.				20.0		20.0
Dec-16	2016B	State Revolving Loans Program including both Subordinate Revenue Bonds and Direct Loans.				75.5		75.5
Dec-16	2016C	Wastewater Senior Revenue Bond				150.0		150.0
Nov-17	2017A	Wastewater Sytem Senior Revenue Bonds 2011B, 2012A, 2013B and 2015B were partially refunded by 2017A. 2017A also included new money of \$200 million. Only the \$200 million counts against the District's authorization	116.2			47.5	152.5	316.2
Grand Total			\$ 331.8	\$ 500.0	\$ 275.0	\$ 945.0	\$ 152.5	\$ 2,204.3
Authorized Amount			N/A	\$ 500.0	\$ 275.0	\$ 945.0	\$ 900.0	\$ 2,620.0
Outanding Amount			N/A	-	-	-	\$ 747.5	\$ 747.5

Note1: Not fully utilized but required to include the entire Nov-FY17 which particaly utilizes an outstanding authorization.

Date of Voters Bond Authorizations								
Partial Utilized and Projected Authorizations								
(\$s in millions)								
Bond Date	Series	Type	Refunding - Not Applied Against Authorization	Full Authorization Carried Forward (3)	6/1/2012 (2)	4/1/2016	4/1/2021	Grand Total
Carry Forward from Fully Utilized (2)			\$ 215.6	\$ 775.0	\$ 897.5			\$ 1,888.1
Nov-17	2017A	Wastewater Sytem Senior Revenue Bonds 2011B, 2012A, 2013B and 2015B were partially refunded by 2017A. 2017A also included new money of \$200 million. Only the \$200 million counts against the District's authorization	116.2		47.5	152.5		316.2
Dec-18	2018A	Water Infrastructure Finance and Innovation Act (WIFIA) bonds.				47.7		47.7
Dec-18	2018B	State Revolving Loans Program including both Subordinate Revenue Bonds and Direct Loans.				25.3		25.3
Dec-19	2019A	State Revolving Loans Program including both Subordinate Revenue Bonds and Direct Loans.				24.0		24.0
Dec-19	2019B	Wastewater Senior Revenue Bond				52.1		52.1
Dec-19	2019C	Wastewater System Refunding Bond	276.3					276.3
Sep-20	2020A	State Revolving Loans Program including both Subordinate Revenue Bonds and Direct Loans.				22.0		22.0
Dec-20	2020B	Wastewater System Refunding Bond				120.0		120.0
Jan-21	2021A	State Revolving Loans Program including both Subordinate Revenue Bonds and Direct Loans.				63.1		63.1
Jan-21	2021B	State Revolving Loans Program including both Subordinate Revenue Bonds and Direct Loans.				40.2		40.2
May-21	2021C	Wastewater System Refunding Bond	5.6					5.6
May-22	2022A	Proposed Wastewater System Refunding Revenue Bond	39.8					39.8

Bond Date	Series	Type	Refunding - Not Applied Against Authorization	Full Authorization Carried Forward (3)	6/1/2012 (2)	4/1/2016	4/1/2021	Grand Total
Projected								
Jun-22	2022B	Proposed Wastewater System Senior Revenue Bonds.				100.0		100.0
Sep-22	2022D	Proposed State Revolving Loans Program debt.				119.0		119.0
Dec-22	2022E	Proposed State Revolving Loans Program debt.				26.0		26.0
Sep-22	2022C	Proposed State Revolving Loans Program debt.				10.5		10.5
May-23	2023A	Proposed State Revolving Loans Program debt- Direct Purchase.	23.0					23.0
Jun-23	2023B	Proposed Water Infrastructure Finance and Innovation Act (WIFIA) bonds.				97.6	180.0	277.6
Jul-23	2023C	Proposed State Revolving Loans Program debt.					290.0	290.0
Dec-24	2024B	Proposed Wastewater System Senior Revenue Bonds.					30.0	30.0
May-25	2025A	Proposed State Revolving Loans Program debt- Direct Purchase.	133.6					133.6
								-
Grand Total			\$ 810.1	\$ 775.0	\$ 945.0	\$ 900.0	\$ 500.0	\$ 3,930.1
Authorized Amount			N/A	\$ 775.0	\$ 945.0	\$ 900.0	\$ 500.0	\$ 3,120.0
Outanding Amount			N/A	-	-	0	-	0

Note2: Include full utilized authorization to show the entire Nov-FY17 Bond. Balances adjusted to ensure dollars were not duplicated.

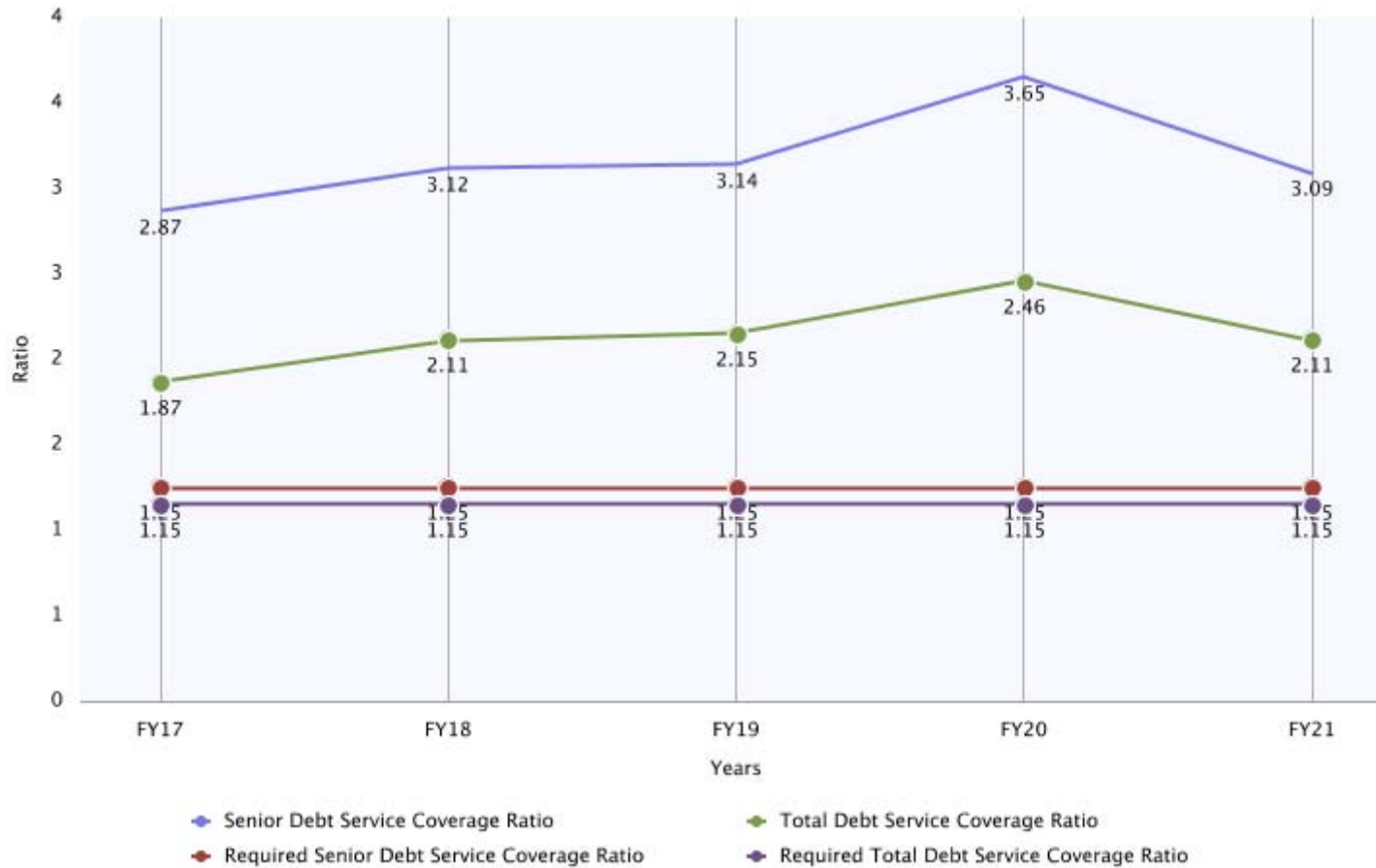
Note3: Includes only 2/1/2004 & 8/1/2008 to account for bond authorizations not included on this page but in the full utilized.

Debt Coverage Ratio

	FY17	FY18	FY19	FY20	FY21
Operating Revenues	\$333,469,676	\$368,292,761	\$401,109,124	\$437,982,038	\$427,145,371
Non-Operating Revenues	2,456,677	6,356,029	14,438,669	14,210,947	5,740,324
Gross Revenues	335,926,354	374,648,790	415,547,792	452,192,984	432,885,695
Less: Operating Expenses (excluding Depreciation)	168,835,675	163,026,312	170,585,143	175,848,763	180,843,676
Net Available Revenues	\$167,090,679	\$211,622,478	\$244,962,649	\$276,344,221	\$252,042,019
Subordinate Debt Service	\$31,178,492	\$32,476,212	\$36,191,351	\$36,859,803	\$37,616,306
Senior Debt Service	58,182,077	67,923,285	77,941,363	75,660,403	81,685,268
Senior Debt Service Coverage Ratio	2.87	3.12	3.14	3.65	3.09
Required Senior Debt Service Coverage Ratio	1.25	1.25	1.25	1.25	1.25
Subordinate and Senior Debt Service	\$89,360,569	\$100,399,497	\$114,132,715	\$112,520,206	\$119,301,574
Total Debt Service Coverage Ratio	1.87	2.11	2.15	2.46	2.11
Required Total Debt Service Coverage Ratio	1.15	1.15	1.15	1.15	1.15

Debt Coverage Ratio

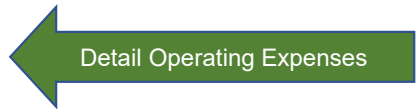
The District's Master Bond Ordinance provides Debt Service Coverage Ratio minimums for both Senior and Total Debt Service Expense. These amounts are 1.25x and 1.15x, respectively. The District targets Senior Debt Coverage ratios of 2.5x or higher. This coverage ratio target is one component of the District's plan to maintain at least a AA credit rating.



Total Expenditures FY23

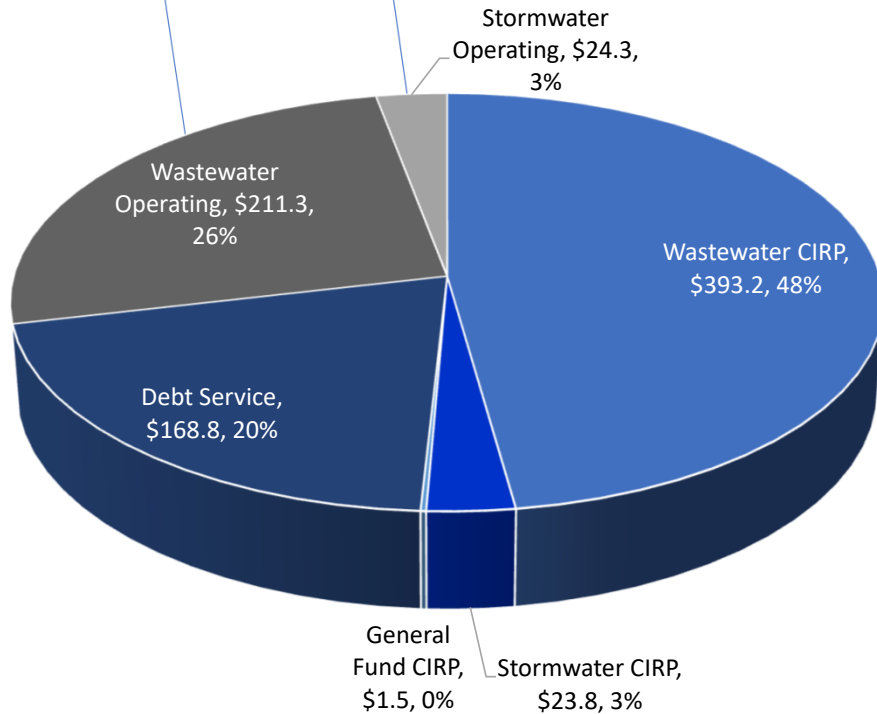
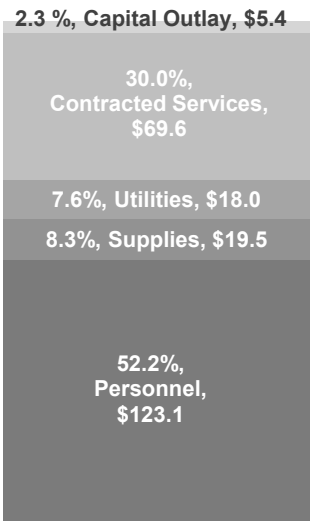
(\$s in millions)

Total Operating Budget
\$235.6, 29%
Detail below



Total Operating Budget = \$235.6,
29% of Total including:
Wastewater Operating, \$211.3
& Stormwater Operating \$24.3
Presented in Grey on charts

Total Expenditures \$822.9
Presented in Pie Chart



Note:

Operations includes: General Fund, Water Backup Insurance & Reimbursement Fund, General Insurance Fund and Stormwater Operation & Maintenance in OMCI funds.

Appropriations by Department and Fund

	1000 - General Funds	2000 - Principal and Interest Funds	4000 - Special Funds	5000 - Stormwater & OMCI Funds	6000 - Construction Funds	Grand Total
00102 - Property Insurance	\$ -	\$ -	\$ 3,858,453	\$ -	\$ -	\$ 3,858,453
00103 - General Liability Insurance	-	-	3,656,480	-	-	3,656,480
00104 - Worker's Compensation	-	-	2,811,213	-	-	2,811,213
00105 - Water Backup	-	-	4,827,688	-	-	4,827,688
00202 - Interest Expense	-	164,970,920	-	-	3,790,750	168,761,670
00205 - Tax Fees	-	-	-	678,337	-	678,337
SW100 - Stormwater O&M Total	(36,121,608)	-	50,638	28,521,608	7,549,362	0.00
T1010 - Board of Trustees Total	10,350	-	-	-	-	10,350
T1100 - Secretary Treasurer Department Total	2,392,924	-	-	-	-	2,392,924
T1410 - Rate Commission Total	702,000	-	-	-	-	702,000
T2020 - Civil Service Commission Total	11,500	-	-	-	-	11,500
T2500 - Human Resources Department Total	9,153,602	-	-	-	-	9,153,602
T3000 - Executive Director Department Total	6,869,175	-	-	-	-	6,869,175
T4000 - Finance Department Total	25,516,681	-	-	-	-	25,516,681
T4500 - Information Technology Department Total	17,185,663	-	-	-	-	17,185,663
T5500 - General Counsel Department Total	3,495,479	-	-	-	-	3,495,479
T6000 - Operations Department Total	125,156,776	-	-	-	-	125,156,776
T8000 - Engineering Department Total	29,243,024	-	-	-	-	29,243,024
Grand Total	\$ 183,615,567	\$ 164,970,920	\$ 15,204,472	\$ 29,199,945	\$ 11,340,112	\$ 404,331,016

Metropolitan Saint Louis Sewer District
FY23 Interfund Transfer Activity

Department	Expense Type	General Fund	Improvement Fund	Sanitary Replacement Fund	Stormwater Regulatory Fund	Districtwide Stormwater Fund	Proposed SW Capital Fund	OMCI Funds Total	TOTAL
Operations Department	Stormwater Labor	\$ (4,330,800)	\$ -	\$ -	\$ -	\$ 4,330,800	\$ -	\$ -	\$ -
Operations Department	Stormwater Equipment	(3,004,197)	-	-	-	3,004,197	-	-	-
Operations Department	Stormwater Supplies	(1,697,191)	-	-	-	1,697,191	-	-	-
Operations Department	Stormwater Overhead	(5,886,299)	-	-	-	5,886,299	-	-	-
Operations Department Stormwater Subtotal		(14,918,487)	-	-	-	14,918,487	-	-	-
Engineering Department	Stormwater Labor	(3,757,958)	-	-	2,642,618	1,115,340	-	-	-
Engineering Department	Stormwater Overhead	(5,107,709)	-	-	3,591,770	1,515,939	-	-	-
Engineering Department	SW CIRP Interfund Labor	(4,737,370)	-	-	-	3,571,482	-	1,165,887	-
Engineering Department Stormwater Subtotal		(13,603,037)	-	-	6,234,388	6,202,761	-	1,165,887	-
Stormwater Subtotal		\$ (28,521,524)	\$ -	\$ -	\$ 6,234,388	\$ 21,121,248	\$ -	\$ 1,165,887	\$ -
Engineering Department Wastewater Subtotal		(7,600,000)	50,638	7,549,362	-	-	-	-	-
Total Interfund Labor		\$ (36,121,524)	\$ 50,638	\$ 7,549,362	\$ 6,234,388	\$ 21,121,248	\$ -	\$ 1,165,887	\$ -

Metropolitan Saint Louis Sewer District
FY24 Interfund Transfer Activity

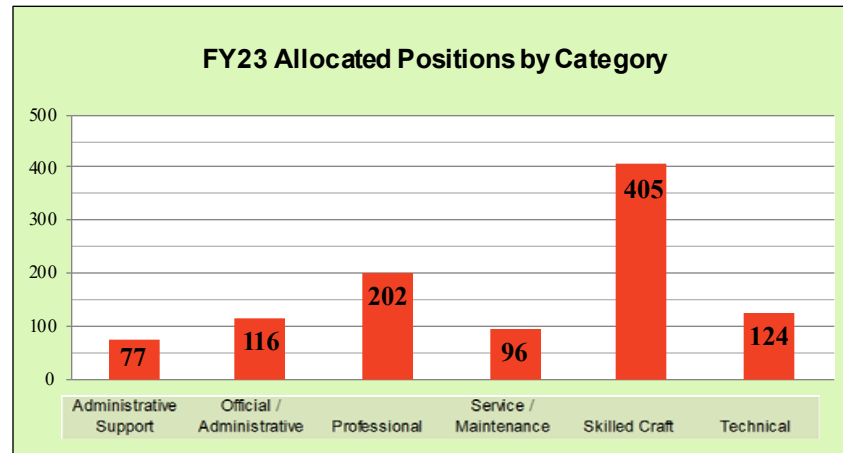
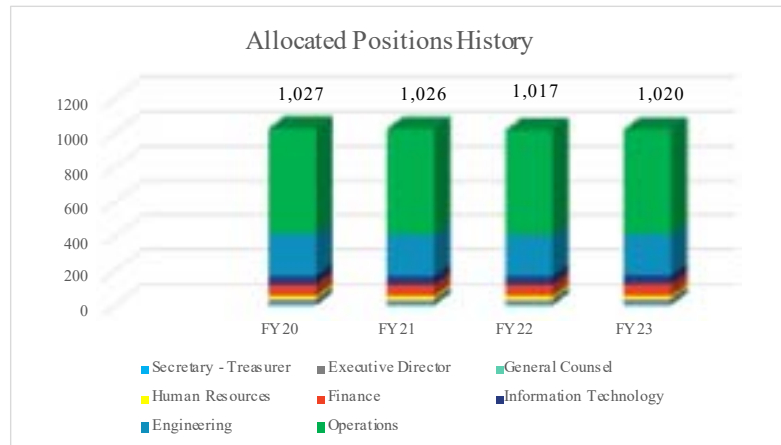
Department	Expense Type	General Fund	Improvement Fund	Sanitary Replacement Fund	Stormwater Regulatory Fund	Districtwide Stormwater Fund	Proposed SW Capital Fund	OMCI Funds Total	TOTAL
Operations Department	Stormwater Labor	\$ (4,460,724)	\$ -	\$ -	\$ -	\$ 4,460,724	\$ -	\$ -	\$ -
Operations Department	Stormwater Equipment	(3,094,323)	-	-	-	3,094,323	-	-	-
Operations Department	Stormwater Supplies	(1,748,107)	-	-	-	1,748,107	-	-	-
Operations Department	Stormwater Overhead	(6,062,888)	-	-	-	6,062,888	-	-	-
Operations Department Stormwater Subtotal		(15,366,041)	-	-	-	15,366,041	-	-	-
Engineering Department	Stormwater Labor	(3,870,697)	-	-	2,721,896	1,148,801	-	-	-
Engineering Department	Stormwater Overhead	(5,260,940)	-	-	3,699,524	1,561,417	-	-	-
Engineering Department	SW CIRP Interfund Labor	(4,870,375)	-	-	-	3,646,929	-	1,223,446	-
Engineering Department Stormwater Subtotal		(14,002,013)	-	-	6,421,420	6,357,146	-	1,223,446	-
Stormwater Subtotal		\$ (29,368,054)	\$ -	\$ -	\$ 6,421,420	\$ 21,723,188	\$ -	\$ 1,223,446	\$ -
Engineering Department Wastewater Subtotal		(7,904,000)	24,671	7,879,329	-	-	-	-	-
Total Interfund Labor		\$ (37,272,054)	\$ 24,671	\$ 7,879,329	\$ 6,421,420	\$ 21,723,188	\$ -	\$ 1,223,446	\$ -

Metropolitan Saint Louis Sewer District
FY25 Interfund Transfer Activity

Department	Expense Type	General Fund	Improvement Fund	Sanitary Replacement Fund	Stormwater Regulatory Fund	Districtwide Stormwater Fund	Proposed SW Capital Fund	OMCI Funds Total	TOTAL
Operations Department	Stormwater Labor	\$ (4,594,545)	\$ -	\$ -	\$ -	\$ 4,594,545	\$ -	\$ -	\$ -
Operations Department	Stormwater Equipment	(3,187,153)	-	-	-	3,187,153	-	-	-
Operations Department	Stormwater Supplies	(1,800,550)	-	-	-	1,800,550	-	-	-
Operations Department	Stormwater Overhead	(6,244,774)	-	-	-	6,244,774	-	-	-
Operations Department Stormwater Subtotal		(15,827,023)	-	-	-	15,827,023	-	-	-
Engineering Department	Stormwater Labor	(3,986,818)	-	-	2,803,553	1,183,265	-	-	-
Engineering Department	Stormwater Overhead	(5,418,769)	-	-	3,810,509	1,608,259	-	-	-
Engineering Department	SW CIRP Interfund Labor	(4,999,832)	-	-	-	3,983,162	-	1,016,671	-
Engineering Department Stormwater Subtotal		(14,405,419)	-	-	6,614,063	6,774,685	-	1,016,671	-
Stormwater Subtotal		\$ (30,232,442)	\$ -	\$ -	\$ 6,614,063	\$ 22,601,708	\$ -	\$ 1,016,671	\$ -
Engineering Department Wastewater Subtotal		(8,220,160)	14,459	8,205,701	-	-	-	-	-
Total Interfund Labor		\$ (38,452,602)	\$ 14,459	\$ 8,205,701	\$ 6,614,063	\$ 22,601,708	\$ -	\$ 1,016,671	\$ -

Metropolitan St. Louis Sewer District ALLOCATED POSITIONS FY23

DEPARTMENT	FY20	FY21	FY22	Budgeted FY23	INCREASE/ (DECREASE)	Budgeted \$ Salary, Overtime, and FICA (In Thousands) FY23	EXPLANATION
Secretary - Treasurer	8	7	7	7	0	756	Position count remains the same as previous year
Executive Director	20	20	20	21	1	1,849	Added Security Supervisor
General Counsel	8	8	8	8	0	1,016	Position count remains the same as previous year
Human Resources	23	23	23	22	-1	1,976	Removed Security Supervisor
Finance	62	62	62	65	3	4,082	Added Account I, Central Services Coordinator, Office Associate
Information Technology	51	51	52	52	0	5,321	Position count remains the same as previous year
Engineering	244	244	237	237	0	20,036	Position count remains the same as previous year
Operations	611	611	608	608	0	51,740	Position count remains the same as previous year
Total Available Positions	1,027	1,026	1,017	1,020	3	\$ 86,777	Net positions added



Long-Term Liabilities for Pension Plans and Other Postemployment Benefits Other Than Pensions (OPEB) Plans

As many other Governmental Organizations across the country, the District faces large-scale, long-term liabilities associated with retiree Pension and OPEB plans. Actuaries determine the amount of the assets that should be set aside now to ensure adequate resources are available in the future. The District's contributions were made and will continue to be made in accordance with the actuarially determined contribution requirements based on actuarial valuations.

The charts below includes liabilities and related ratios for the Pension:

Schedule of Changes in Net Pension Liability and Related Ratios
In (000's)

	Calendar Year Ending December 31,						
	2020	2019	2018	2017	2016	2015	2014
Total Pension Liability - Ending (a)	\$ 356,407	\$ 353,994	\$ 334,957	\$ 326,365	\$ 318,049	\$ 296,812	\$ 290,412
Plan Fiduciary Net Position - Ending (b)	326,912	296,201	260,560	277,976	251,010	244,212	250,516
Net Pension Liability - Ending = (a) - (b)	\$ 29,495	\$ 57,793	\$ 74,397	\$ 48,389	\$ 67,039	\$ 52,600	\$ 39,896
Fiduciary Net Position as a % of Total Pension Liability	91.72%	83.67%	77.79%	85.17%	78.92%	82.28%	86.26%
Covered Payroll	\$ 34,391	\$ 36,793	\$ 39,437	\$ 41,869	\$ 42,055	\$ 43,345	\$ 44,664
Net Pension Liability as a % of Covered Payroll	85.76%	157.08%	188.65%	115.57%	159.41%	121.35%	89.32%

Notes to Schedule:

1. This schedule will ultimately present ten years of information when available.
2. The District FY21 and FY20 Comprehensive Annual Financial Report in Footnote 7 Pension (starting on page 69) and RSI (page 110) will provide more details.

Schedule of Changes in Net OPEB Liability
In (000's)

	2020	2019	2018	2017	2016
Total OPEB Liability - Ending	\$ 24,921	\$ 23,165	\$ 24,164	\$ 24,194	\$ 22,839

1. The District FY21 and FY20 Comprehensive Annual Financial Report in Footnote 9 Pension (starting on page 79) will provide more details.

METROPOLITAN ST. LOUIS SEWER DISTRICT

FISCAL YEAR 2023 LIST OF FUNDS¹

Fund No.	Fund Name	Fund No.	Fund Name
1101	*\$ General Fund Board of Trustees Rate Commission Civil Service Commission Executive Director Secretary - Treasurer Human Resources Finance Information Technology General Counsel Operations Engineering		
	Debt Funds		Debt Funds (continued)
2804	\$ 2004B SRF-Principal and Interest-WW	2837	2021D SRF-Principal and Interest - WW
2812	\$ 2010B SR Rev Bond-Principal and Interest-WW	2838	\$ 2022A SR DP Ref Rev Bond-P&I-WW
2816	2011B SR Rev Bond-Principal and Interest-WW	2846	2026A SR DP Ref Rev Bond-P&I-WW
2817	\$ 2012A SR Rev Bond-Principal and Interest-WW		\$ Proposed Principal and Interest Bond 1
2818	\$ 2012B SR Rev Bond-Principal and Interest-WW		\$ Proposed Principal and Interest Bond 2
2819	\$ 2013B SR Rev Bond-Principal and Interest-WW		
2820	\$ 2013A SRF-Principal and Interest-WW		Revenue Funds
2821	\$ 2015A SRF-Principal and Interest-WW	3306	* Wastewater Revenue
2822	\$ 2015B SR Rev Bond-Principal and Interest-WW	3307	Stormwater Revenue
2823	\$ 2016A SRF-Principal and Interest-WW		
2824	\$ 2016B SRF-Principal and Interest-WW		Special Funds
2825	\$ 2016C SR Rev Bond-Principal and Interest-WW	4102	\$ Improvement
2826	\$ 2017A SR Rev Bond-Principal and Interest-WW	4104	\$ Water Back-up Insurance & Reimbursement
2827	\$ 2018A WIFIA-Principal and Interest-WW	4105	\$ General Insurance Fund
2828	\$ 2018B SRF-Principal and Interest-WW	4122	Wastewater Emergency Fund
2829	\$ 2019A SRF-Principal and Interest-WW	4123	Stormwater Emergency Fund
2830	\$ 2019B Rev Bond-Principal & Interest-WW		
2831	\$ 2019C SR Ref Taxable Rev Bond-P&I-WW		Stormwater Funds
2832	\$ 2020A SRF-Principal and Interest-WW	5110	\$ Stormwater Regulatory Fund
2833	\$ 2020B SR Rev Bond-Principal and Interest-WW	5120	\$ Districtwide Stormwater Fund
2834	\$ 2021A SRF-Principal and Interest-WW	5130	Stormwater Operations and Maintenance Fund
2835	\$ 2021B SRF-Principal and Interest-WW		
2836	\$ 2021C SR DP Ref Rev Bond-P&I-WW		Operation, Maintenance and Construction Improvement Fund
		5401	Bond Place Special Taxing Subdistrict
		5563	Clayton-Central
		5564	\$ Coldwater Creek
		5565	Creve Coeur-Frontenac
		5566	\$ Deer Creek
		5571	\$ Gravois Creek
		5574	Loretta-Joplin
		5576	\$ Maline Creek
		5583	\$ Sugar Creek
		5584	\$ University City
		5587	\$ Watkins Creek
		5589	Wellston

Notes: 1) The District uses modified accrual basis of budgeting for each fund. 2) * - Denotes major funds. 3) \$ - Denotes funds with appropriations.

METROPOLITAN ST. LOUIS SEWER DISTRICT
FISCAL YEAR 2023 LIST OF FUNDS¹ (continued)

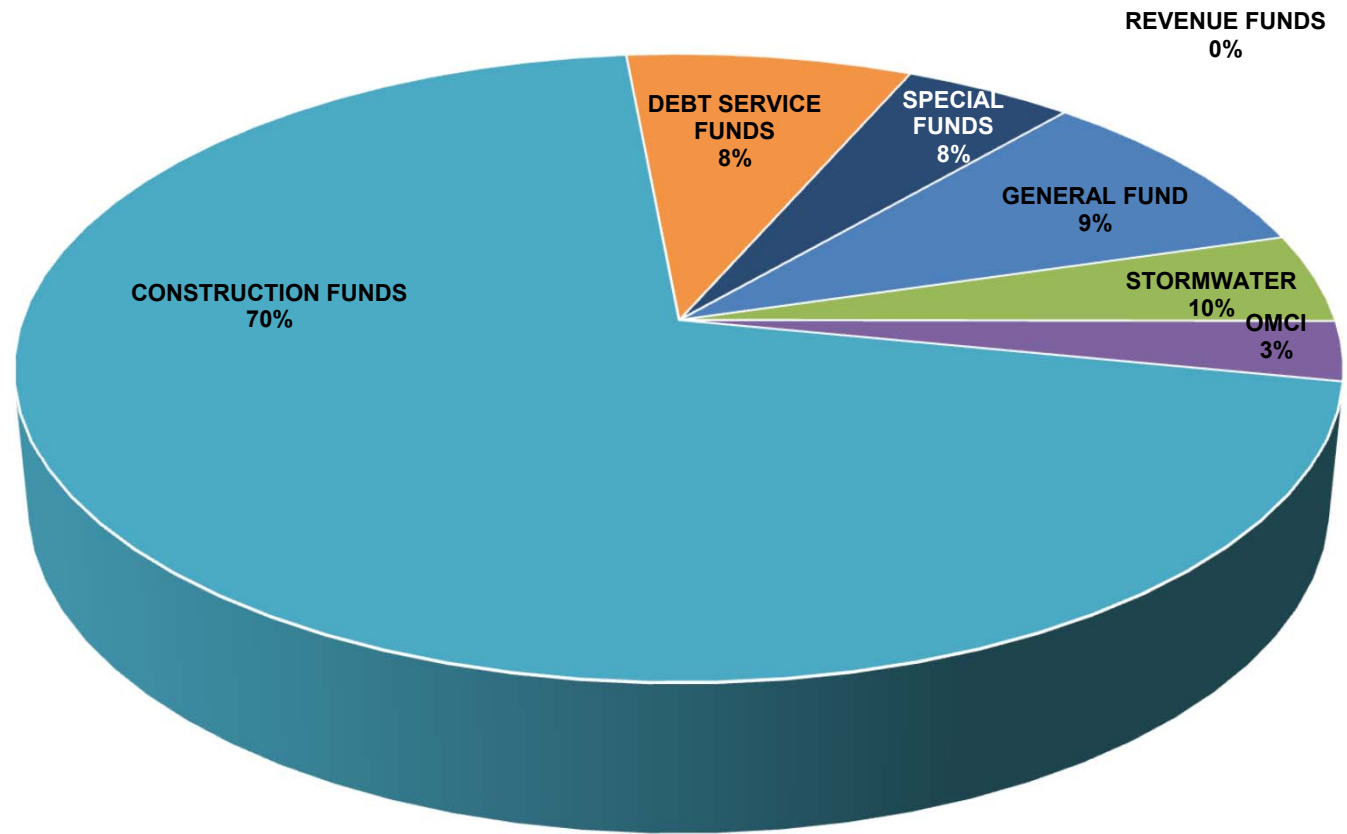
Fund No.	Fund Name
	<u>Operations, Maintenance and Construction Improvement Funds (continued)</u>
5590	MO River Bonfils Subd. #448
5591	Meramec River Basin Subd. #449
5593 \$	Seminary Br. Of RDP Subd. #454
5594	Black Creek Subd. #455
	<u>Construction Funds</u>
6660 *\$	Sanitary Replacement

Notes: 1) The District uses modified accrual basis of budgeting for each fund. 2) * - Denotes major funds. 3) \$ - Denotes funds with appropriations.

Projected Ending Fund Balances FY23

(\$s in millions)

General Fund	\$ 49.7
Revenue Funds	0.0
Stormwater Funds	25.1
OMCI Funds	16.7
Construction Funds	385.6
Debt Service Funds	44.2
Special Funds	26.3



Note:

Revenue funds are not included in graph since fund balance is \$0.00

Explanation of Changes in Fund Balance Greater Than Ten Percent

Fund	Explanation
1101 – General Fund	This fund balance is expected to decrease by 25% or \$16.7 million during FY23. The main reason for this decrease is due to reallocation of sewer service charges. The General Fund receives much of its funding from the sewer service charges originally received into the revenue funds and later transferred to various funds. This source of funding fluctuates based on balancing the needs of the General Fund against the needs of Construction Funds and Special Funds. In FY23 the Construction Fund received more of the sewer service allocation in order to better follow the District’s rate model pay-go projections.
6660 – Sanitary Replacement Fund	This fund balance is expected to increase by 88% or \$180.9 million during FY23. The main reason for this increase is the timing of revenue bond proceeds and project expenditures. During FY23, the District is projecting to receive \$433 million in revenue bonds. Some of the bond proceeds are WIFIA or SRF loans which means these funds are related to specific projects. The WIFA loan will fund the Lemay Fluidized Bed Incinerators Project estimated at about \$100 million in construction cost. Therefore, the District still needs senior bond proceeds to fund all other capital projects not covered by WIFA, SRF or pay-go funding.

METROPOLITAN ST. LOUIS SEWER DISTRICT
CHANGES IN TOTAL FUND BALANCE
CONSOLIDATED STATEMENT OF CHANGES IN FUND BALANCE

	FY20	FY21	FY22	FY22	FY23	FY24	FY25
	Actual	Actual	Budget	Forecast	Budget	Projected	Projected
FUND BALANCE B.O.P.	\$389,207,835	\$382,426,480	\$426,395,850	\$457,232,896	\$391,805,879	\$547,609,777	\$435,836,341
Revenues:							
Revenue Bonds	364,401,977	289,867,954	119,000,000	119,000,000	461,986,911	290,000,000	163,560,000
Wastewater User Charge	424,788,345	419,902,755	436,897,342	446,959,770	460,227,773	476,232,101	473,442,457
Stormwater User Charge	(1,801)	(2,391)	-	(321)	-	-	-
Taxes	35,439,441	43,624,302	43,173,943	42,616,631	45,222,479	45,222,479	45,222,479
Interest on Investments	17,895,386	1,392,278	3,609,400	1,456,743	5,251,995	5,747,911	3,242,823
Connection and Other Fees	3,012,368	3,753,797	3,048,000	4,040,940	3,429,000	3,429,000	3,429,000
Proceeds from Sale of Property	105,228	158,653	202,000	179,413	198,000	198,000	198,000
Rental Income	301,631	323,662	311,000	344,125	346,000	346,000	346,000
Miscellaneous	12,875,168	4,785,846	3,208,000	4,040,659	2,000,000	15,900,000	2,000,000
Total Revenues	858,817,742	763,806,856	609,449,685	618,637,961	978,662,159	837,075,491	691,440,759
Expenditures:							
Personnel Services	110,127,362	113,442,494	117,881,104	110,896,039	123,041,344	126,369,914	130,383,792
Supplies	15,442,618	16,716,261	19,025,236	19,182,523	19,526,467	19,935,094	20,353,730
Utilities	15,762,631	14,964,455	16,937,966	16,854,308	18,024,322	18,522,222	19,036,290
Contractual Services	55,306,684	57,470,006	64,733,652	63,789,431	69,581,013	72,059,046	72,779,028
Capital Outlay	8,619,175	7,600,174	5,764,600	4,980,357	5,396,200	5,509,520	5,625,220
Construction and Engineering	245,032,587	346,759,470	359,340,522	342,031,423	418,527,244	559,432,244	417,646,459
Principal Payments	52,587,600	62,599,880	61,157,300	61,157,300	70,419,500	76,658,300	89,906,000
Interest Payments	84,045,981	58,831,730	63,285,283	62,031,334	64,201,009	66,302,087	63,539,374
Agency and Other Debt Expenses	278,674,459	10,615,969	2,802,904	3,142,262	34,141,161	4,060,500	137,591,400
Total Expenditures	865,599,097	689,000,439	710,928,567	684,064,977	822,858,260	948,848,927	956,861,294
Net Operating Income (Loss)	(6,781,355)	74,806,417	(101,478,882)	(65,427,017)	155,803,898	(111,773,436)	(265,420,535)
Interfund Transfers	-	-	-	-	-	-	-
Increase (Decrease) in Fund Bal.	(6,781,355)	74,806,416	(101,478,882)	(65,427,017)	155,803,898	(111,773,436)	(265,420,535)
<i>Percentage of Change</i>	-2%	20%	-24%	-14%	40%	-20%	-61%
FUND BALANCE E.O.B.	\$382,426,480	\$457,232,896	\$324,916,968	\$391,805,879	\$547,609,777	\$435,836,341	\$170,415,806

METROPOLITAN ST. LOUIS SEWER DISTRICT
CONSOLIDATED STATEMENT OF CHANGE IN FUND BALANCE
FOR FY23 BUDGET

	GENERAL FUND	REVENUE FUNDS	OPER. MAINT. & CONST. IMPR FUNDS	CONSTRUCTION FUNDS	DEBT SERVICE FUNDS	SPECIAL FUNDS	TOTAL
FUND BALANCE B.O.P.	\$66,397,458	\$-	\$49,837,948	\$204,701,832	\$43,732,474	\$27,136,169	\$391,805,880
Revenue Bonds	-	-	-	433,500,000	28,486,911	-	461,986,911
Stormwater U&M Intertund Revenue	-	-	-	-	-	-	-
Wastewater User Charge	948,182	459,279,591	-	-	-	-	460,227,773
Stormwater User Charge	-	-	-	-	-	-	-
Taxes	-	-	45,222,479	-	-	-	45,222,479
Interest on Investments	672,056	-	456,662	3,425,613	437,325	260,339	5,251,995
Connection and Other Fees	2,305,000	-	-	-	-	1,124,000	3,429,000
Proceeds from Sale of Property	198,000	-	-	-	-	-	198,000
Rental Income	346,000	-	-	-	-	-	346,000
Miscellaneous	2,000,000	-	-	-	-	-	2,000,000
Total Revenues	6,469,238	459,279,591	45,679,142	436,925,613	28,924,236	1,384,339	978,662,159
Personnel Services	121,734,231	-	-	-	-	1,307,113	123,041,344
Supplies	19,526,467	-	-	-	-	-	19,526,467
Utilities	18,024,322	-	-	-	-	-	18,024,322
Contractual Services	55,055,955	-	678,337	-	-	13,846,721	69,581,013
Capital Outlay	5,396,200	-	-	-	-	-	5,396,200
Construction and Engineering	20,330,000	-	24,486,244	369,711,000	-	4,000,000	418,527,244
Principal Payments	-	-	-	-	70,419,500	-	70,419,500
Interest Payments	-	-	-	-	64,201,009	-	64,201,009
Agency and Other Debt Expense	-	-	-	3,790,750	30,350,411	-	34,141,161
SSC Allocation	-	-	-	-	-	-	-
Interfund Labor Transfers	(36,121,608)	-	28,521,608	7,549,362	-	50,638	-
Total Expenditures	203,945,567	-	53,686,189	381,051,112	164,970,920	19,204,472	822,858,260
Net Operating Income (Loss)	(197,476,329)	459,279,591	(8,007,048)	55,874,501	(136,046,684)	(17,820,133)	155,803,898
Interfund Transfers	180,795,582	(459,279,591)	-	125,000,000	136,484,009	17,000,000	-
Increase (Decrease) in Fund Bal.	(16,680,747)	-	(8,007,048)	180,874,501	437,325	(820,133)	155,803,898
Percentage of Change	-25%	-	-16%	88%	1%	-3%	40%
FUND BALANCE E.O.P.	\$49,716,711	\$-	\$41,830,900	\$385,576,333	\$44,169,799	\$26,316,036	\$547,609,778

FY23 Fund Basis vs. GAAP Basis Statement of Operations

	FY23 Budget Fund Basis Statement of Operations	Adjustments	GAAP Basis Statement of Operations	<i>Adjustment Explanation</i>
Operating Revenues:				
Sewer service charges	\$ 465,962,813	\$ -	\$ 465,962,813	
Recovery of (provision for) doubtful sewer service charge	(5,735,040)	-	(5,735,040)	
Licenses, permits, and other fees	3,429,000	-	3,429,000	
Other	2,000,000	-	2,000,000	
Total operating revenues	<u>465,656,773</u>	<u>-</u>	<u>465,656,773</u>	
Operating Expenses:				
Pumping and treatment	74,502,038	(1,546,500)	72,955,538	<i>Capital outlay</i>
Collection system maintenance	56,691,560	(3,196,700)	53,494,860	<i>Capital outlay</i>
Engineering	23,206,203	(8,291,114)	14,915,089	<i>Capital labor</i>
General and administrative	76,341,858	(3,455,955)	72,885,903	<i>Capital labor overhead</i>
Water backup claims	4,827,688	-	4,827,688	<i>Prepaid Insurance</i>
Depreciation	-	91,352,269	91,352,269	<i>Depreciation Expense</i>
Asset Management	9,030,000	680,801	9,710,801	<i>Labor allocated from Engineering</i>
Total operating expenses	<u>244,599,346</u>	<u>75,542,801</u>	<u>320,142,148</u>	
Operating Income	221,057,427	(75,542,801)	145,514,626	
Non-operating Revenues:				
Property taxes levied by the District	45,222,479	-	45,222,479	
Investment income	5,251,995	-	5,251,995	
Rent and other income	346,000	-	346,000	
Total non-operating revenues	<u>50,820,474</u>	<u>-</u>	<u>50,820,474</u>	
Non-operating Expenses:				
Net gain on disposal and sale of capital assets	(198,000)	1,148,760	950,760	<i>Asset disposals with remaining book value</i>
Non-recurring projects and studies	9,800,000	696,207	10,496,207	<i>Labor allocated from Engineering</i>
Interest expense	98,342,170	547,940	98,890,110	<i>Capital interest expense and loan amortizations</i>
Total non-operating expenses	<u>107,944,170</u>	<u>2,392,907</u>	<u>110,337,077</u>	
Income before Capital Contributions	163,933,731	(77,935,708)	85,998,023	
Capital Contributions:				
Utility plant contributed	-	12,943,095	12,943,095	<i>Contributed assets</i>
Grant revenue	-	469,624	469,624	<i>Grant revenue</i>
Total capital contributions	<u>-</u>	<u>13,412,719</u>	<u>13,412,719</u>	
Change in Net Position	<u>\$ 163,933,731</u>	<u>\$ (64,522,990)</u>	<u>\$ 99,410,742</u>	
Balance Sheet Adjustments:				
Revenue Bonds	\$ 461,986,911	\$ (461,986,911)	\$ -	<i>Recorded as an asset on the Balance Sheet</i>
Principle Payments	(70,419,500)	70,419,500	-	<i>Reduces the liability on the Balance Sheet</i>
Construction in Progress	(399,697,244)	399,697,244	-	<i>Recorded as an asset on the Balance Sheet</i>
Net Operating Income (Loss)	<u>\$ 155,803,898</u>	<u>\$ (56,393,157)</u>	<u>\$ 99,410,742</u>	

Note: All capital and asset related items are recorded on the Balance Sheet for GAAP Statements



FY23 BUDGET



The Capital Improvement and Replacement Program identifies, prioritizes, establishes scope of work, and oversees completion of wastewater and stormwater related projects.

Capital projects are funded via sewer service charges, revenue bonds and tax receipts. Non-capital related projects are funded through the General Fund.

CAPITAL IMPROVEMENT AND REPLACEMENT PROGRAM SUMMARY

The identification and prioritization of projects to be included in the Capital Improvement and Replacement Program (CIRP) is a multi-step process, requiring continuous monitoring and updating to ensure that the highest priority problems within the District are addressed in a timely manner, given funding limitations. These stages include project identification with conceptual solution, preliminary study, final design and construction.

New projects are identified on an ongoing basis to ensure that the District complies with the regulatory requirements of the United States Environmental Protection Agency and Missouri Department of Natural Resources, to address customer problems, remedy deficiencies and implement required collection system and wastewater treatment plant upgrades. At each step in the process the project scope is reevaluated to verify that it continues to meet regulatory requirements and customers' needs. The project cost is updated based on available information, and the project's priority is assessed to ensure that the highest priority projects are funded first.

Upon the initial identification of the regulatory issues, localized problems, or system deficiencies, a conceptual solution is developed, which includes a project scope, cost estimate and priority ranking relative to similar projects. The District creates a project based on this conceptual solution, and the project may then be incorporated into the CIRP based on priority. Before the year in which funding of the project is anticipated, a preliminary study is performed. In this study, scope is reevaluated in greater detail. A project may be rescheduled to a later fiscal year within the CIRP, should priority ranking be reduced due to increased project cost or modification of its scope. Project cost estimates used in the budget preparation process are usually based on the preliminary study stage of the process. Preliminary study cost estimates are based on incomplete information but are intended to be within thirty percent of the design engineer's final estimates.

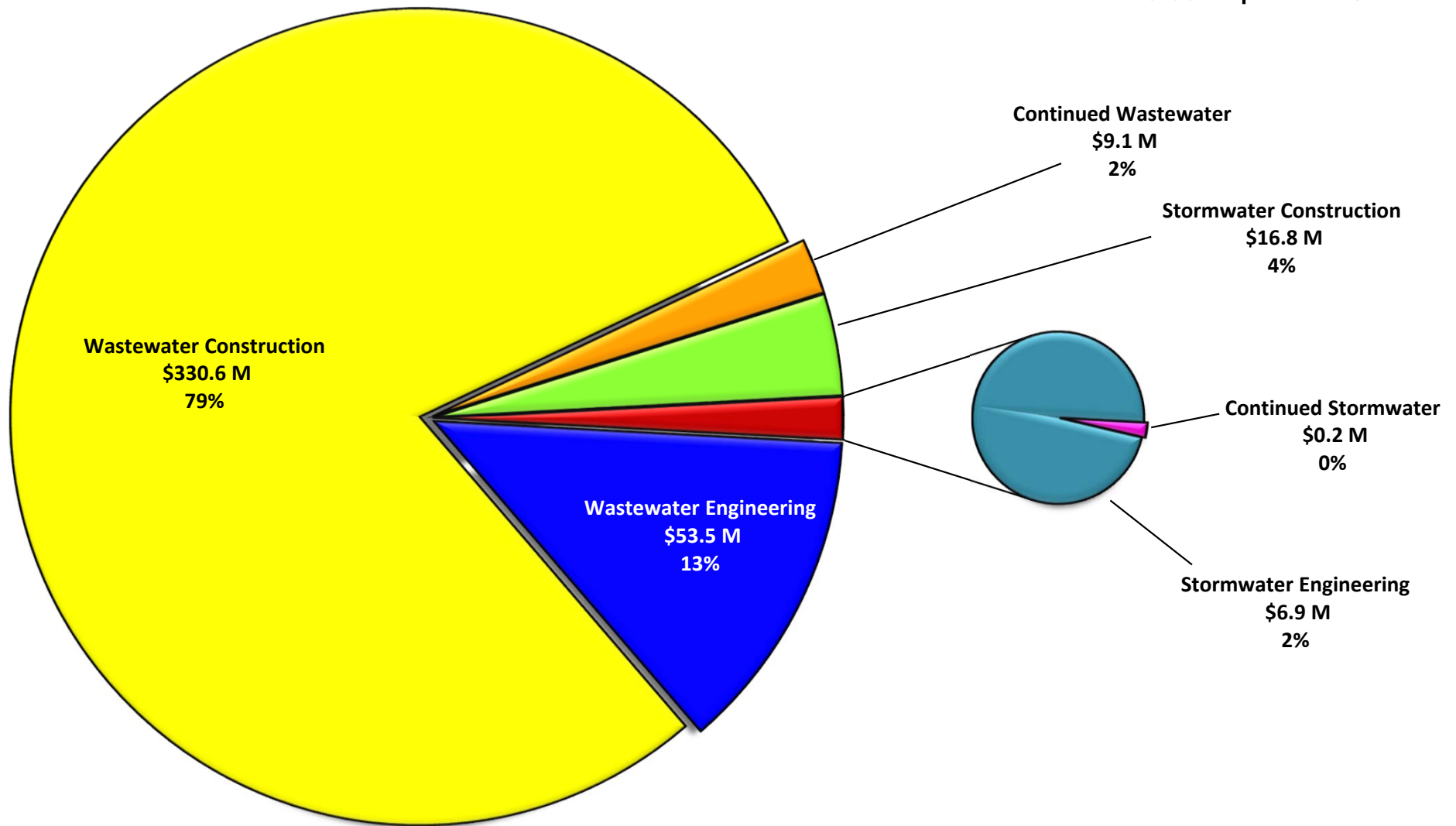
The final design of a project is performed by either the District's Engineering Department staff or by an engineering consultant hired via a qualifications-based selection process. For projects of significant scope and impact, coordination with property owners who will benefit or who will be affected by the construction of the project is achieved at "open-line" meetings hosted by the District. A project is advertised for public bidding a minimum of 30 days, followed by a formal public bid opening. Bids are evaluated to determine the lowest responsive, responsible bidder. A construction contract is then awarded to the lowest responsible, responsive bidder.

Wastewater projects are funded via revenue from the wastewater user charge paid by ratepayers. The user charge also supports the sale of revenue bonds to fund the wastewater program. The Sanitary Replacement Fund is used to pay for capital wastewater work, while the General Fund is used to pay for non-capital wastewater related work. The allocation of a given project's costs between these two funds is an accounting function necessary to facilitate capitalization of District assets. Wastewater projects may also be funded by various Operation, Maintenance, Construction and Improvement (OMCI) Funds, Construction Funds, Special Funds, or the Improvement Fund. Stormwater projects may be funded via the General Fund, Construction Funds, Special Funds, the Improvement Fund, the Districtwide Stormwater Fund, or from various OMCI Funds.

The CIRP for the FY23 budget year is summarized by project type on the following pages. For additional information on the stages of identification and prioritization of projects, please refer to the Program Summary section of the FY23 Budget Supplement.

Capital Improvement and Replacement Program FY23

Total \$417.0 M



The above does not include the General Fund Project of \$1.5 Million dollars for the Oracle Cloud Project for a grand total of \$418.5 million.

METROPOLITAN ST. LOUIS SEWER DISTRICT
CAPITAL IMPROVEMENT AND REPLACEMENT PROGRAM
SUMMARY - FY23

<i>TYPE OF PROJECT</i>	<i>NUMBER OF PROJECTS</i>	<i>PROJECT COST</i>
<i>CONSTRUCTION</i>		
Wastewater Engineering	51	\$53,515,000
Wastewater Construction	50	330,576,000
Stormwater Engineering	9	6,850,000
Stormwater Construction	<u>19</u>	16,786,244
<i>TOTAL:</i>	<u>129</u>	<u>\$407,727,244</u>
<i>CONTINUED</i>		
Wastewater Continued	3	\$9,100,000
Stormwater Continued	<u>1</u>	200,000
<i>TOTAL:</i>	<u>4</u>	<u>\$9,300,000</u>
<i>TOTAL CIRP:</i>	<u>133</u>	<u>\$417,027,244</u>

The above does not include the General Fund Project of \$1.5 Million dollars for Oracle Cloud Project for grand total of \$418.5 million.

Operating Expense Impact of CIRP

Many of the CIRP projects have minor impacts on the O&M costs of the District. Some of these impacts related to additional feet of pipe and I/I removal are quantified in the following pages. Some projects have more significant impacts and are discussed below.



Deer Creek Sanitary Tunnel

This sanitary tunnel extends more than four miles from Clayton Road to Interstate 44, the tunnel will collect and temporarily store peak wastewater overflows along the Deer Creek sewer system. The 22,800-foot-long tunnel will provide relief to several communities including Clayton, Richmond Heights, Brentwood, Maplewood, Webster Groves, and Shrewsbury, where basement backups and sewer overflows historically occur when heavy rains overcharge the existing system. This sanitary tunnel is expected to contribute an additional \$27 thousand per year to the District's utilities costs beginning with the FY23 budget year.



CIRP PROJECTS WITH IMPACT ON OPERATING COSTS FISCAL YEAR 2023

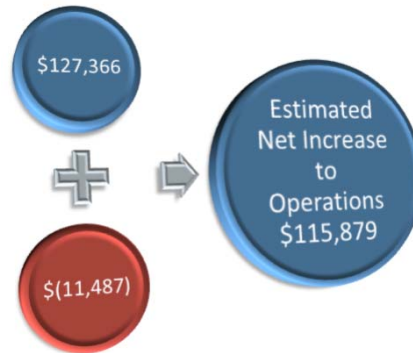
PROJECT DESCRIPTION	CIRP Impact on Operating Costs				Budget Supplement Page Number
	Feet Pipe Added	Cost Impact	Project Budget for I/I Removal	Cost Impact	
WASTEWATER CONSTRUCTION PROJECTS					
MC-02 WATSON TO EDGAR RD SANITARY RELIEF (SKME-580A)	9,050	\$ 7,007	\$ -	\$ -	97
WEBSTER GROVES TRUNK E SANITARY REHABILITATION AND I/I REDUCTION PHASE IV	-	-	1,300,000	(520)	Carryover, no page
HARLEM - BADEN RELIEF PHASE IV (HEBERT) (GOODFELLOW TO HAMILTON)	7,200	5,574	-	-	78
CAULKS CREEK FORCEMAIN (RIVER VALLEY RD TO L-52)	17,000	13,161	-	-	67
HARLEM BADEN RELIEF PHASE IV (HEBERT) - HAMILTON TO DARVER TRUNK SEWER	3,660	2,834	-	-	Carryover, no page
HARLEM BADEN RELIEF PHASE IV (HEBERT) - TRUNK SEWER REHABILITATION	-	-	50,000	(20)	37
BLACK CREEK - HADDINGTON COURT RELIEF SEWERS	7,995	6,190	-	-	65
JEFFERSON BARRACKS TUNNEL CONSOLIDATION SEWERS	5,700	4,413	-	-	88
AMBLEWOOD SANITARY RELIEF (WATERFORD DR TO BIRCHBARK DR)	2,400	1,858	-	-	55
BANFF SANITARY RELIEF (CAITHNESS RD TO LANARK RD)	342	265	-	-	57
BC-01 PHASE III AND BC-02 PHASE II SANITARY RELIEF (I-170 TO HEATHERWOOD DR)	12,915	9,999	-	-	1
CSO - MARY AVENUE SOUTH OF MANCHESTER CSO INTERCEPTOR (I-132)/OUTFALL (L-106) ELIMINATION PHASE II	10,500	8,129	-	-	12
FF-15 AND FF-16 SANITARY RELIEF PHASE II REHABILITATION	4,500	3,484	-	-	74
GEYER SANITARY RELIEF (W. MONROE AVE TO W. ESSEX AVE)	3,400	2,632	-	-	31
GLEN ECHO SANITARY RELIEF (ENGELHOLM AVE TO HENDERSON AVE)	6,220	4,816	-	-	32
FLORISSANT/DUNN SANITARY RELIEF (ST. ANTHONY LN TO I-270)	6,170	4,777	-	-	75
S BRENTWOOD BLVD SANITARY RELIEF (DAYTONA DR TO WALINCA TERRACE)	2,800	2,168	-	-	50
SAYLESVILLE SANITARY RELIEF (SAYLESVILLE DR TO S GREENTRAILS DR)	3,920	3,035	-	-	106
GLENFIELD SANITARY RELIEF (WATSON WOODS CT TO S LINDBERGH BLVD)	2,400	1,858	-	-	76
WHITE PLAINS SANITARY RELIEF (SALTBOX DR TO CEDAR CREEK RD)	2,785	2,156	-	-	107
GREENBRIAR #2 PUMP STATION (P-448) ELIMINATION	1,080	836	-	-	77
LINDSAY - ST. ALBERT PRIVATE I/I REDUCTION	-	-	500,000	(200)	94
HAMPTON CREEK SANITARY RELIEF (DEER CREEK TRUNK TO OXFORD DR) PHASE I	7,500	5,807	-	-	35
NEWPORT LANDING PUMP STATION (P-480) ELIMINATION	1,555	1,204	-	-	98
PRICE TO PIONEER SANITARY RELIEF	5,665	4,386	-	-	100
GENERAL SERVICES AGREEMENT - SEWER AND CHANNEL DESIGN (2021) CONTRACT A	305	236	-	-	26
NORTH FEE FEE CREEK PUBLIC I/I REDUCTION	-	-	6,000,000	(2,400)	99
BISSELL - COLDWATER - MISSOURI - MERAMEC PUBLIC I/I REDUCTION (2023) CONTRACT D	-	-	3,594,000	(1,438)	61
BISSELL - COLDWATER - MISSOURI - MERAMEC PUBLIC I/I REDUCTION (2023) CONTRACT E	-	-	4,251,000	(1,700)	62
BADEN CITYSHED MITIGATION BASINS (CALVARY, FREDERICK, PARTRIDGE AND TILLIE) - SEPARATION SEWERS	11,000	8,516	-	-	56
INFRASTRUCTURE REPAIRS (REHABILITATION) (2023) CONTRACT A	-	-	2,500,000	(1,000)	83
INFRASTRUCTURE REPAIRS (REHABILITATION) (2023) CONTRACT B	-	-	2,500,000	(1,000)	84
BISSELL - COLDWATER - MISSOURI - MERAMEC PUBLIC I/I REDUCTION (2023) CONTRACT C	-	-	2,663,000	(1,065)	60
BISSELL - COLDWATER - MISSOURI - MERAMEC PUBLIC I/I REDUCTION (2023) CONTRACT F	-	-	2,360,000	(944)	63
CROSS TIMBERS #705 SANITARY REPLACEMENT	410	317	-	-	69
HATHAWAY DRIVE SANITARY RELIEF	10,402	8,053	-	-	81
LINDSAY LANE SANITARY RELIEF (LINDSAY LANE TO LINDBERGH BLVD)	3,200	2,477	-	-	41
INFRASTRUCTURE REPAIRS (REHABILITATION) (2023) CONTRACT C	-	-	3,310,000	(1,324)	85
Total Wastewater Construction Projects	150,074	\$ 116,187	\$ 29,028,000	\$ (10,287)	

CIRP PROJECTS WITH IMPACT ON OPERATING COSTS FISCAL YEAR 2023

PROJECT DESCRIPTION	CIRP Impact on Operating Costs				Budget Supplement Page Number
	Feet Pipe Added	Cost Impact	Project Budget for I/I Removal	Cost Impact	
STORMWATER CONSTRUCTION PROJECTS					
HALLSTEAD STORM CHANNEL PHASE IV (MCBJ-230)	1,220	\$ 945	\$ -	\$ -	143
HALL STREET STORM SEWERS	5,500	4,258	-	-	142
DEARBORN DR STORM SEWER	355	275	-	-	149
LONGFORD DRIVE 1851 STORM SEWER	134	104	-	-	156
BALLMAN DRIVE 300 BLOCK STORM SEWER	670	519	-	-	146
NORTH NEW FLORISSANT - FOX RUN STORM SEWER	1,230	952	-	-	158
LARIMORE STORM SEWER	4,880	3,778	-	-	154
MEADOW CREEK LN 508 STORM SEWER	200	155	-	-	157
LITZINGER #10412 STORM SEWER IMPROVEMENTS	250	194	-	-	155
STORMWATER INFRASTRUCTURE REPAIRS (REHABILITATION) (2023)	-	-	3,000,000	(1,200)	161
Total Stormwater Construction Projects	14,439	\$ 11,179	\$ 3,000,000	\$ (1,200)	
TOTAL	164,513	\$ 127,366	\$32,028,000	\$ (11,487)	

NOTES:

1. Only projects with an impact on operating costs are included here. For a full list of projects, please see the FY23 Budget Supplement located in the appendix.
2. Projects that include rehabilitation or replacement will result in a savings in operating costs due to reduced need for preventive maintenance and possible basement back-ups. Inflow and Infiltration (I/I) projects results in less wastewater being processed at treatment facilities. Sewer separation and relief projects result in added sewer pipe so an added cost is expected in maintenance of those structures.



WASTEWATER CONSTRUCTION PROJECTS

The projects described in this section are related to construction, rehabilitation or maintenance repair of sanitary or combined sewers, pump stations and force mains improvements to existing treatment plants, and the reduction of inflow and infiltration into the sewer system. These types of projects help alleviate building backups, address regulatory issues, enable the removal of sanitary and combined sewer overflows, and rebuild part of our aging infrastructure system. Fifty (50) projects are to be funded at a total estimated cost of \$330,576,000.

The District's revenue sources for construction of most of these projects are the Sanitary Replacement Fund and the General Fund, which receive money from wastewater user charges and from the sale of revenue bonds. The remaining projects will be funded with revenues from various Operation, Maintenance, Construction, and Improvement (OMCI) Funds, Districtwide Stormwater Fund*, and Special Funds. The property taxes collected within the boundaries of the OMCI Taxing Districts must be spent for improvements within their specific areas of collection. The Improvement Fund also receives revenues from various connection fees.

**The Districtwide Stormwater Fund is generally reserved for stormwater expenses, but the wastewater project planned for this fund is related to the wastewater consent decree and includes stormwater regulatory benefits.*

**PROJECT LISTING FY23
WASTEWATER CONSTRUCTION PROJECTS**

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE</u> ⁽¹⁾
1101 - General Fund			
CSO VOLUME REDUCTION GREEN INFRASTRUCTURE	Various	\$5,000,000	70
CSO VOLUME REDUCTION GREEN INFRASTRUCTURE - RIVER DES PERES	Various	\$3,000,000	71
Subtotal: Number of Projects 2		\$8,000,000	
4102 - Improvement Fund			
LEMAY WWTF REPAIRS AND IMPROVEMENTS (2023) (GRIT TANKS AND SECONDARY CLARIFIER DUCT BANK)		\$4,000,000	93
Subtotal: Number of Projects 1		\$4,000,000	
5120 - Districtwide Stormwater Fund			
LAMBERT AIRPORT RESTRICTED ACCESS ASSETS INSPECTION AND REPAIR		\$500,000	90
SAYLESVILLE SANITARY RELIEF (SAYLESVILLE DR TO S GREENTRAILS DR)		\$150,000	105
Subtotal: Number of Projects 2		\$650,000	
6660 - Sanitary Replacement Fund			
BISSELL & LEMAY WWTF FLUIDIZED BED INCINERATORS	Various	\$101,000,000	58
LOWER MERAMEC RIVER SYSTEM IMPROVEMENTS - BAUMGARTNER TO FENTON WWTF TUNNEL	Various	\$48,000,000	95
LOWER MERAMEC WWTF EXPANSION PHASE II	Unincorporated	\$30,000,000	96
BISSELL POINT WWTF FINE SCREEN, CONCRETE AND GATE IMPROVEMENTS	St. Louis City	\$18,000,000	64
BLACK CREEK - HADDINGTON COURT RELIEF SEWERS	Ladue	\$13,000,000	65
INFRASTRUCTURE REPAIRS (WASTEWATER) (2023)	Various	\$9,000,000	87
NORTH FEE FEE CREEK PUBLIC I/I REDUCTION	Various	\$6,000,000	99
MC-02 WATSON TO EDGAR RD SANITARY RELIEF (SKME-580A)	Various	\$5,954,000	97
COLDWATER CREEK WWTF REPAIRS AND IMPROVEMENTS (2023)	Unincorporated	\$5,000,000	68
FLORISSANT/DUNN SANITARY RELIEF (ST. ANTHONY LN TO I-270)	Florissant	\$4,910,000	75
BISSELL - COLDWATER - MISSOURI - MERAMEC PUBLIC I/I REDUCTION (2023) CONTRACT E	Various	\$4,251,000	62
HARLEM CITYSHED MITIGATION BASINS (ASHLAND AND ESSEX)	Various	\$4,000,000	80
PUMP STATION MANLIFT REPLACEMENT	Various	\$4,000,000	102
BISSELL - COLDWATER - MISSOURI - MERAMEC PUBLIC I/I REDUCTION (2023) CONTRACT D	Various	\$3,594,000	61

**PROJECT LISTING FY23
WASTEWATER CONSTRUCTION PROJECTS**

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE</u> ⁽¹⁾
6660 - Sanitary Replacement Fund - Continued			
EASEMENT ACQUISITION FOR WASTEWATER PROJECTS (2023)	Various	\$3,500,000	72
JEFFERSON BARRACKS TUNNEL CONSOLIDATION SEWERS	Unincorporated	\$3,400,000	88
INFRASTRUCTURE REPAIRS (REHABILITATION) (2023) CONTRACT C	St. Louis City	\$3,310,000	85
CAULKS CREEK A PUMP STATION (P-750) IMPROVEMENTS	Chesterfield	\$3,200,000	66
INFRASTRUCTURE REPAIRS (FACILITIES) (2023)	Various	\$3,000,000	82
SAYLESVILLE SANITARY RELIEF (SAYLESVILLE DR TO S GREENTRAILS DR)	Chesterfield	\$2,850,000	106
BISSELL - COLDWATER - MISSOURI - MERAMEC PUBLIC I/I REDUCTION (2023) CONTRACT C	Various	\$2,663,000	60
FF-15 AND FF-16 SANITARY RELIEF PHASE II REHABILITATION	Maryland Heights	\$2,650,000	74
PRICE TO PIONEER SANITARY RELIEF	Olivette	\$2,507,000	100
CAULKS CREEK FORCEMAIN (RIVER VALLEY RD TO L-52)	Maryland Heights	\$2,500,000	67
INFRASTRUCTURE REPAIRS (REHABILITATION) (2023) CONTRACT A	Various	\$2,500,000	83
INFRASTRUCTURE REPAIRS (REHABILITATION) (2023) CONTRACT B	Various	\$2,500,000	84
AMBLEWOOD SANITARY RELIEF (WATERFORD DR TO BIRCHBARK DR)	Florissant	\$2,453,000	55
BADEN CITYSHED MITIGATION BASINS (CALVARY, FREDERICK, PARTRIDGE AND TILLIE) - SEPARATION SEWERS	St. Louis City	\$2,400,000	56
BISSELL - COLDWATER - MISSOURI - MERAMEC PUBLIC I/I REDUCTION (2023) CONTRACT F	Various	\$2,360,000	63
BISSELL & LEMAY WWTF FLUIDIZED BED INCINERATORS	Various	\$2,000,000	59
HARLEM BADEN RELIEF PHASE IV (HEBERT) - SEWER REHABILITATION	Various	\$2,000,000	79
INFRASTRUCTURE REPAIRS (REHABILITATION) (2023) CORPS CSO PROGRAM	Various	\$2,000,000	86
LAMBERT AIRPORT RESTRICTED ACCESS ASSETS INSPECTION AND REPAIR	Unincorporated	\$2,000,000	89
WHITE PLAINS SANITARY RELIEF (SALTBOX DR TO CEDAR CREEK RD)	Chesterfield	\$1,800,000	107
HARLEM - BADEN RELIEF PHASE IV (HEBERT) (GOODFELLOW TO HAMILTON)	St. Louis City	\$1,279,000	78
GLENFIELD SANITARY RELIEF (WATSON WOODS CT TO S LINDBERGH BLVD)	Sunset Hills	\$1,130,000	76
LEMAY 1 PUMP STATION (P-301) COOLING TOWER REPLACEMENT	St. Louis City	\$1,130,000	91
HATHAWAY DRIVE SANITARY RELIEF	Jennings	\$902,000	81
LEMAY WWTF AERATION BLOWER AND POWER DISTRIBUTION IMPROVEMENTS	Unincorporated	\$900,000	92
ROBYN HILLS NUMBER 1 PUMP STATION (P-417) REPLACEMENT	Sunset Hills	\$780,000	103
NEWPORT LANDING PUMP STATION (P-480) ELIMINATION	Unincorporated	\$626,000	98
LINDSAY - ST. ALBERT PRIVATE I/I REDUCTION	Florissant	\$500,000	94
PUMP STATION FALL PROTECTION UPGRADES - PHASE I	Various	\$500,000	101
FABICK PUMP STATION (P-444) IMPROVEMENTS (SKME-404E)	Fenton	\$460,000	73

**PROJECT LISTING FY23
WASTEWATER CONSTRUCTION PROJECTS**

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE</u> ⁽¹⁾
6660 - Sanitary Replacement Fund - Continued			
CROSS TIMBERS #705 SANITARY REPLACEMENT	Town and Country	\$425,000	69
GREENBRIAR #2 PUMP STATION (P-448) ELIMINATION	Des Peres	\$425,000	77
ROXBURGH DR SANITARY RELIEF	Clayton	\$400,000	104
BANFF SANITARY RELIEF (CAITHNESS RD TO LANARK RD)	Unincorporated	\$167,000	57
		\$317,926,000	
<i>Subtotal: Number of Projects 47</i>			
TOTAL: NUMBER OF PROJECTS 53		\$330,576,000	

(1) The Page refers to the page number in the Budget Supplement Appendix

Note: Highted projects have split funding, these projects include both wastewater and stormwater work. Those projects will have one budget lines for each budgeted fund but are counted as one project.

WASTEWATER ENGINEERING PROJECTS

The projects described in this section relate to the preliminary or final design of new or rehabilitated sanitary and combined sewer systems, pump stations, force mains, and treatment plants. Also included in this section are projects relating to combined and separate sewer overflow elimination and separation projects, additional appropriations for combined and separate sewer area inflow/infiltration assessments, combined and separate sewer area CCTV inspections and physical inspection of sewers, construction management services, and continued funding of the District's Watershed Design efforts. The construction phase of design projects is planned in later fiscal years due to the complexity of the designs, the size of the projects, and the time required to obtain needed easements.

Fifty-one (51) wastewater engineering projects are planned at a total estimated cost of \$53,515,000. The cost estimates indicated are for only the required engineering work and do not include construction. The project scopes are fully described in the Budget Supplement document located in the appendix. The District's revenue sources for the majority of these projects are from the Sanitary Replacement Fund and the General Fund.

**PROJECT LISTING FY23
WASTEWATER ENGINEERING PROJECTS**

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE ⁽¹⁾</u>
1101 - General Fund			
CCTV INSPECTION AND PHYSICAL INSPECTION OF SEWERS (2023)	Various	\$3,000,000	5
FLOW METERING AND MONITORING (2022)	Various	\$2,500,000	13
CRITICAL INFRASTRUCTURE ASSESSMENT AND ASSET INVESTIGATION (2023)	Various	\$1,700,000	11
WET WEATHER OPTIMIZATION STUDY	Various	\$1,500,000	54
STREAM FLOW GAUGE OPERATION AND MAINTENANCE (USGS)	Various	\$605,000	51
RDP TRIBUTARIES & UPPER RDP CSO CONTROLS & LOWER MERAMEC SYSTEM IMPROVEMENTS (WATERSHED	Various	\$600,000	49
STREAM FLOW WATER QUALITY SAMPLING (2023)	Various	\$350,000	52
RADAR RAINFALL DATA (2020)	Various	\$150,000	48
LOWER & MIDDLE RDP CSO CONTROLS SYSTEM IMPROVEMENTS (WATERSHED CONSULTANT)	Various	\$125,000	42
GENERAL SERVICES AGREEMENT - PROPERTY APPRAISAL (2021) CONTRACT A	Various	\$75,000	22
GENERAL SERVICES AGREEMENT - PROPERTY APPRAISAL (2021) CONTRACT B	Various	\$75,000	23
GENERAL SERVICES AGREEMENT - PROPERTY APPRAISAL (2021) CONTRACT C	Various	\$75,000	24
GENERAL SERVICES AGREEMENT - PROPERTY APPRAISAL (2021) CONTRACT D	Various	\$75,000	25
Subtotal: Number of Projects 13		\$10,830,000	
6660 - Sanitary Replacement Fund			
BISSELL & LEMAY WWTF FLUIDIZED BED INCINERATORS	Various	\$8,600,000	3
CONSTRUCTION MANAGEMENT SERVICES - TANK/TREATMENT/PUMP STATION FACILITIES	Various	\$7,500,000	10
CONSTRUCTION MANAGEMENT SERVICES - LOWER MERAMEC AND DEER CREEK TUNNELS	Various	\$5,000,000	9
CONSTRUCTION MANAGEMENT SERVICES - LOWER AND MIDDLE RDP TUNNEL FACILITIES	Various	\$2,500,000	8
GENERAL SERVICES AGREEMENT - CONSTRUCTION MANAGEMENT (2022)	Various	\$2,000,000	15
LOWER MERAMEC WWTF EXPANSION PHASE II	Unincorporated	\$2,000,000	46
LOWER MERAMEC WWTF EXPANSION PHASE II	Unincorporated	\$1,716,000	45
BC-01 PHASE III AND BC-02 PHASE II SANITARY RELIEF (I-170 TO HEATHERWOOD DR)	Various	\$1,705,000	1
WEBSTER GROVES TRUNK E SANITARY RELIEF (SKME-628)	Webster Groves	\$1,512,000	53
GASLIGHT SQUARE SEWER IMPROVEMENTS PHASE II	St. Louis City	\$1,500,000	14
BISSELL & LEMAY WWTF FLUIDIZED BED INCINERATORS	Various	\$1,000,000	2
GLEN ECHO SANITARY RELIEF (ENGELHOLM AVE TO HENDERSON AVE)	Various	\$730,000	32
LEMAY NO. 3 PUMP STATION AND FORCE MAIN	Unincorporated	\$575,000	39
LOWER MERAMEC RIVER SYSTEM IMPROVEMENTS - BAUMGARTNER TO FENTON WWTF TUNNEL	Various	\$575,000	44

**PROJECT LISTING FY23
WASTEWATER ENGINEERING PROJECTS**

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE ⁽¹⁾</u>
6660 - Sanitary Replacement Fund - Continued			
S BRENTWOOD BLVD SANITARY RELIEF (DAYTONA DR TO WALINCA TERRACE)	Clayton	\$500,000	50
GEYER SANITARY RELIEF (W. MONROE AVE TO W. ESSEX AVE)	Kirkwood	\$496,000	31
LINDSAY LANE SANITARY RELIEF (LINDSAY LANE TO LINDBERGH BLVD)	Florissant	\$491,000	41
GENERAL SERVICES AGREEMENT - FACILITY & SEWER DESIGN (2022) CONTRACT A	Various	\$475,000	17
GENERAL SERVICES AGREEMENT - FACILITY & SEWER DESIGN (2022) CONTRACT B	Various	\$450,000	18
GRAND GLAIZE WWTF REPAIRS AND IMPROVEMENTS (2023)	Valley Park	\$400,000	34
LEMAY WWTF REPAIRS AND IMPROVEMENTS (2023) (GRIT TANKS AND SECONDARY CLARIFIER DUCT BANK)	Unincorporated	\$400,000	40
LOWER & MIDDLE RDP CSO CONTROLS SYSTEM IMPROVEMENTS (WATERSHED CONSULTANT)	Various	\$270,000	43
GRAND GLAIZE WWTF GRAND GLAIZE CREEK BANK STABILIZATION	Valley Park	\$260,000	33
CAULKS CREEK A PUMP STATION (P-750) IMPROVEMENTS	Chesterfield	\$200,000	4
CSO - MARY AVENUE SOUTH OF MANCHESTER CSO INTERCEPTOR (I-132)/OUTFALL (L-106) ELIMINATION PHASE II	Brentwood	\$200,000	12
GENERAL SERVICES AGREEMENT - FACILITY & SEWER DESIGN (2020) CONTRACT A	Various	\$200,000	16
GENERAL SERVICES AGREEMENT - SEWER AND CHANNEL DESIGN (2021) CONTRACT A	Various	\$200,000	26
HAMPTON CREEK SANITARY RELIEF (DEER CREEK TRUNK TO OXFORD DR) PHASE I	Various	\$200,000	35
COLDWATER CREEK WWTF REPAIRS AND IMPROVEMENTS (2023)	Unincorporated	\$175,000	7
HARLEM - BADEN RELIEF PHASE IV (HEBERT) BUILDING DEMOLITION AND DESIGN	St. Louis City	\$100,000	36
JEFFERSON BARRACKS TUNNEL CONSOLIDATION SEWERS	Unincorporated	\$100,000	38
GENERAL SERVICES AGREEMENT - GEOTECHNICAL (2022) CONTRACT A	Various	\$85,000	19
GENERAL SERVICES AGREEMENT - GEOTECHNICAL (2022) CONTRACT B	Various	\$85,000	20
GENERAL SERVICES AGREEMENT - GEOTECHNICAL (2022) CONTRACT C	Various	\$85,000	21
GENERAL SERVICES AGREEMENT - SURVEY SERVICES (2022) CONTRACT A	Various	\$62,500	27
GENERAL SERVICES AGREEMENT - SURVEY SERVICES (2022) CONTRACT B	Various	\$62,500	28
GENERAL SERVICES AGREEMENT - SURVEY SERVICES (2022) CONTRACT C	Various	\$62,500	29
GENERAL SERVICES AGREEMENT - SURVEY SERVICES (2022) CONTRACT D	Various	\$62,500	30
CITYSHED MITIGATION PROGRAM DESIGN (CONTRACT B)	St. Louis City	\$50,000	6
HARLEM BADEN RELIEF PHASE IV (HEBERT) - TRUNK SEWER REHABILITATION	Various	\$50,000	37
PUMP STATION REPLACEMENT PROJECTS (PHASE I)	Various	\$50,000	47
Subtotal: Number of Projects 41		\$42,685,000	
TOTAL: NUMBER OF PROJECTS 54		\$53,515,000	

(1) The Page refers to the page number in the Budget Supplement Appendix

Note: Highted projects have split funding, these projects include both wastewater and stormwater work. Those projects will have one budget lines for each budgeted fund but are counted as one project.

STORMWATER CONSTRUCTION PROJECTS

The projects described in this section are related to constructing storm sewers, channels, and creek bank stabilization, which will help alleviate flooding and erosion problems. There are nineteen (19) projects planned at a total estimated cost of \$16,786,244.

The District's revenue sources for these projects are from the Stormwater Regulatory Fund, Districtwide Stormwater Fund and from the property tax revenue in various Operation, Maintenance, Construction and Improvement (OMCI) Funds currently established throughout the District.

**PROJECT LISTING FY23
STORMWATER CONSTRUCTION PROJECTS**

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE</u> ⁽¹⁾
5110 - Stormwater Regulatory Fund			
GRAND GLAIZE CREEK WATERSHED INITIATIVE	Various	\$200,000	152
STORMWATER QUALITY GREEN INFRASTRUCTURE - SMALL GRANT RAINSCAPING PROGRAM	Various	\$200,000	162
Subtotal: Number of Projects 2		\$400,000	
5120 - Districtwide Stormwater Fund			
STORMWATER INFRASTRUCTURE REPAIRS (2023)	Various	\$4,000,000	160
STORMWATER INFRASTRUCTURE REPAIRS (REHABILITATION) (2023)	Various	\$3,000,000	161
LARIMORE STORM SEWER	Unincorporated	\$2,600,000	154
Subtotal: Number of Projects 3		\$9,600,000	
5564 - Coldwater Creek OMCI Fund			
COLDWATER CREEK OMCI REIMBURSEMENTS PROGRAM	Various	\$1,076,519	148
NORTH NEW FLORISSANT - FOX RUN STORM SEWER	Florissant	\$600,000	158
Subtotal: Number of Projects 2		\$1,676,519	
5566 - Deer Creek OMCI Fund			
DEER CREEK OMCI REIMBURSEMENTS PROGRAM	Various	\$1,958,164	150
BEUCAIRE DRIVE - MARK DRIVE - MONACO DRIVE STORM SEWER	Warson Woods	\$325,000	147
DEARBORN DR STORM SEWER	Warson Woods	\$320,000	149
LITZINGER #10412 STORM SEWER IMPROVEMENTS	Frontenac	\$115,000	155
DEER CREEK WATERSHED INITIATIVE	Various	\$100,000	151
MEADOW CREEK LN 508 STORM SEWER	Warson Woods	\$85,000	157
Subtotal: Number of Projects 6		\$2,903,164	
5571 - Gravois Creek			
GRAVOIS CREEK OMCI REIMBURSEMENTS PROGRAM	Various	\$742,722	153
Subtotal: Number of Projects 1		\$742,722	

**PROJECT LISTING FY23
STORMWATER CONSTRUCTION PROJECTS**

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE</u> ⁽¹⁾
5576 - Maline Creek OMCI Fund			
BALLMAN DRIVE 300 BLOCK STORM SEWER	Ferguson	\$600,000	146
LONGFORD DRIVE 1851 STORM SEWER	Unincorporated	\$95,000	156
	Subtotal: Number of Projects 2	\$695,000	
5583 - Sugar Creek OMCI Fund			
SUGAR CREEK OMCI REIMBURSEMENTS PROGRAM	Various	\$149,498	163
	Subtotal: Number of Projects 2	\$149,498	
5584 - University City OMCI Fund			
UNIVERSITY CITY OMCI REIMBURSEMENTS PROGRAM	Various	\$495,049	164
	Subtotal: Number of Projects 1	\$495,049	
5593 - Sem Br Of River Des Peres OMCI Fund			
SEMINARY OMCI REIMBURSEMENTS PROGRAM		\$124,292	159
	Subtotal: Number of Projects 1	\$124,292	
	TOTAL: NUMBER OF PROJECTS 19	\$16,786,244	

(1) The Page refers to the page number in the Budget Supplement Appendix

Note: Indicated projects have split funding, these projects include both wastewater and stormwater work. Those projects will have one budget lines for each budgeted fund but are counted as one project .

STORMWATER ENGINEERING PROJECTS

There are nine (9) stormwater engineering projects planned at a total estimated cost of \$6,850,000. The cost estimates indicated are for only the required engineering work and do not include construction. The scope of the projects is fully described in the budget supplement located in the appendix.

The District's revenue sources for these projects are from the Districtwide Stormwater Fund and from the property tax revenue in various Operation, Maintenance, Construction and Improvement (OMCI) Funds currently established throughout the District.

**PROJECT LISTING FY23
STORMWATER ENGINEERING PROJECTS**

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE ⁽¹⁾</u>
5110 - Stormwater Regulatory Fund			
GENERAL SERVICES AGREEMENT - WATER QUALITY SUPPORT SERVICES (2021)	Various	\$150,000	140
Subtotal: Number of Projects 1		\$150,000	
5120 - Districtwide Stormwater Fund			
GENERAL SERVICES AGREEMENT - STORMWATER DESIGN FOR ARPA GRANT PROJECTS (2023) CONTRACT A	Various	\$1,300,000	137
GENERAL SERVICES AGREEMENT - STORMWATER DESIGN FOR ARPA GRANT PROJECTS (2023) CONTRACT B	Various	\$1,300,000	138
GENERAL SERVICES AGREEMENT - STORMWATER DESIGN FOR ARPA GRANT PROJECTS (2023) CONTRACT C	Various	\$1,300,000	139
RIVER DES PERES CHANNEL REHABILITATION	St. Louis City	\$1,000,000	144
STORMWATER ASSET INVESTIGATIONS (2022)	Various	\$800,000	145
HALL STREET STORM SEWERS	St. Louis City	\$600,000	142
HALLSTEAD STORM CHANNEL PHASE IV (MCBJ-230)	Unincorporated	\$100,000	143
Subtotal: Number of Projects 7		\$6,400,000	
5571 - Gravois Creek OMCI Fund			
GRAVOIS CREEK OMCI STORMWATER DESIGN (2023)	Various	\$300,000	141
Subtotal: Number of Projects 1		\$300,000	
TOTAL: NUMBER OF PROJECTS 9		\$6,850,000	

(1) The Page refers to the page number in the Budget Supplement Appendix

Note: Highted projects have split funding, these projects include both wastewater and stormwater work. Those projects will have one budget lines for each budgeted fund but are counted as one project .

CONTINUED WASTEWATER PROJECTS

Some of the District's Wastewater Projects are continued from previous fiscal years due to difficulties in easement acquisition, the permit process from other agencies, design revisions or status, or other special requirements or issues.

There are three (3) wastewater projects that were identified in previous budget supplements that are on the continued list.

These projects have a total estimated cost of \$9,100,000.

The District's revenues to construct these projects are from the Sanitary Replacement Fund.

**PROJECT LISTING FY23
WASTEWATER CONTINUED PROJECTS**

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE ⁽¹⁾</u>
6660 - Sanitary Replacement Fund			
HARLEM BADEN RELIEF PHASE IV (HEBERT) - HAMILTON TO DARVER TRUNK SEWER	Various	\$6,000,000	Carryover, no page
EARTH CITY UPS PUMP STATION (P-702) REPLACEMENT PHASE II	Unincorporated	\$1,800,000	Carryover, no page
WEBSTER GROVES TRUNK E SANITARY REHABILITATION AND I/I REDUCTION PHASE IV	Webster Groves	\$1,300,000	Carryover, no page
TOTAL: NUMBER OF PROJECTS 3		<u><u>\$9,100,000</u></u>	

CONTINUED STORMWATER PROJECTS

Some of the District's Stormwater Projects are continued from previous fiscal years due to difficulties in easement acquisition, the permit process from other agencies, design revisions or status, or other special requirements or issues.

There are one (1) stormwater projects that were identified in previous budget supplements that are on the continued list.

These projects have a total estimated cost of \$200,000.

The District's revenues to construct these projects are from the appropriate Operation, Maintenance, Construction, and Improvement (OMCI) Funds, or the Districtwide Stormwater Fund.

**PROJECT LISTING FY23
STORMWATER CONTINUED PROJECTS**

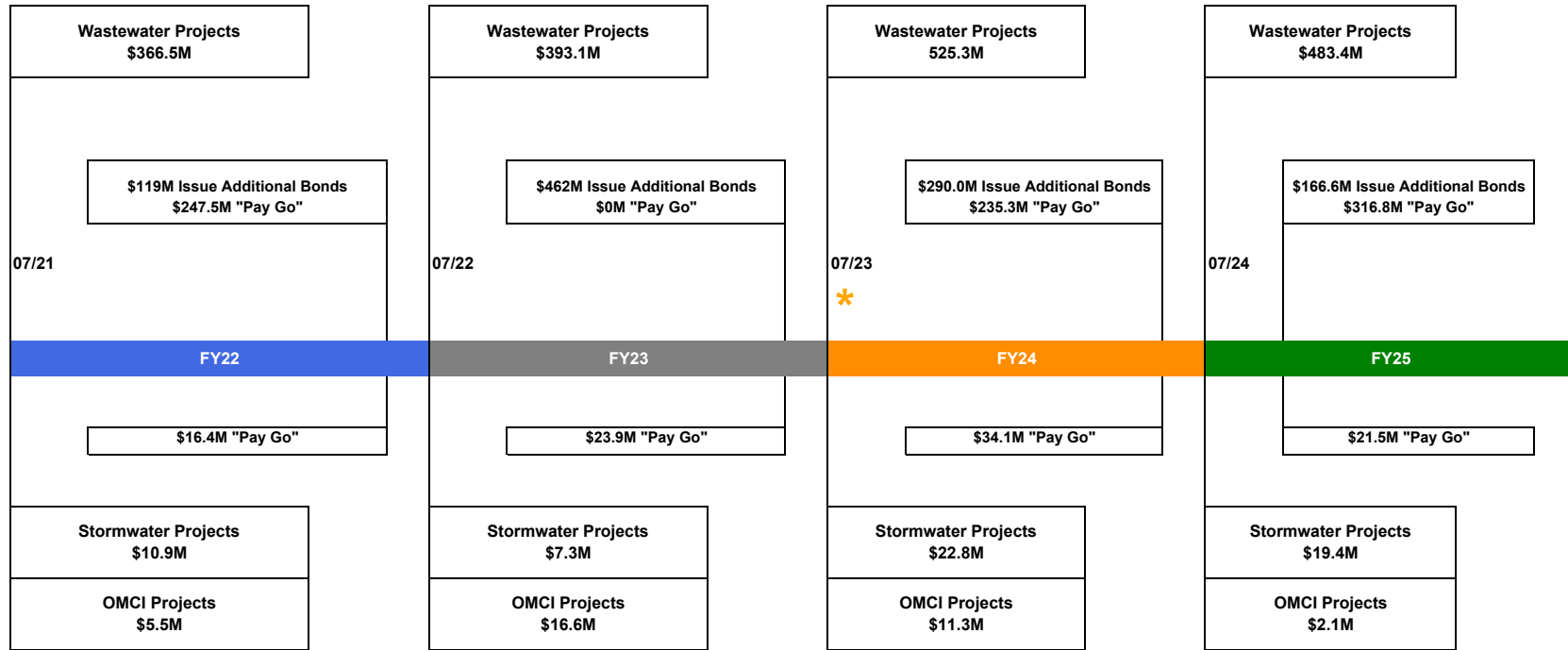
<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE</u> ⁽¹⁾
5584 - University City OMCI Fund SIMS AVE STORM BUYOUT	Overland	\$200,000	Carryover, no page
TOTAL: NUMBER OF PROJECTS 1		<u><u>\$200,000</u></u>	

(1) The Page refers to the page number in the Budget Supplement Appendix

MSD CIRP Proposed Funding Timeline

Through June 30, 2025

WASTEWATER



STORMWATER

* Represents a rate increase

Note: The FY23 numbers do not include the General Fund Project of \$1.5 Million dollars for the Oracle Cloud Project for a grand total of \$418.5 million. The FY25 Construction and Engineering expense has been adjusted by -12.0% for delays and -8.4% of the FY22 forecast for liquidations which is a process consistent with that used by MSD in its Rate Change Proposals. As a result of these adjustments, the Construction and Engineering FY25 expense on this page is higher than what is shown on the Consolidated Statement of Change in Fund Balance page.

Multi-Decade Capital Improvement and Replacement Program

Fiscal Year 2003 to Fiscal Year 2028

(\$s in millions)

Program/Year	2003 - 2012 Actuals	2013 Actual	2014 Actual	2015 Actual	2016 Actual	2017 Actual	2018 Actual	2019 Actual	2020 Actual	2021 Actual	2022 Forecast	2023 Budget	Total 2003 -2023	Total 2024 -2028	Total 2003 -2028
Collection System Improvement	\$818.0	\$160.3	\$203.4	\$230.7	\$262.9	\$258.5	\$269.3	\$283.7	\$230.8	\$313.1	\$250.6	\$196.9	\$3,478.2	\$1,245.4	\$4,723.6
Treatment Plant Improvements	726.7	29.7	9.1	17.5	7.1	4.8	16.6	6.4	24.5	29.5	76.7	189.6	1,138.2	689.6	1,827.8
Stormwater	99.0	5.1	5.2	5.5	6.1	22.9	7.5	21.6	16.1	22.7	17.6	24.0	253.3	84.2	337.5
Other	12.4	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.9	0.0	13.9
TOTAL	\$1,656.2	\$195.1	\$217.7	\$253.7	\$277.6	\$286.2	\$293.4	\$311.7	\$271.4	\$365.3	\$344.9	\$410.5	\$4,883.7	\$2,019.2	\$6,902.9

Capital Improvement and Replacement Program represented in amounts appropriated or currently estimated amounts to be appropriated



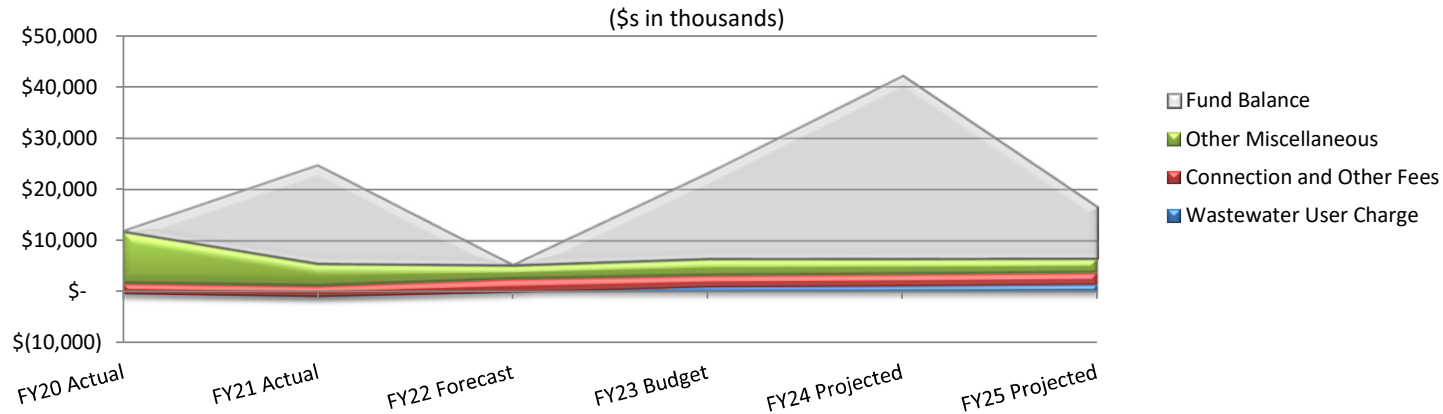
FY23 BUDGET



A fund established by administrative action to finance the ordinary operations of the District. It is used to account for all revenues and activities not provided for in any other fund.

GENERAL FUND - FUND 1101

Revenue Trends



This analysis of MSD's revenue compares actual revenues received in FY20 and FY21, forecasted for FY22, budgeted for FY23 and projected for FY24 and FY25. As the budget and projected years are calculated, there are several factors that are analyzed when projecting general fund revenues such as historical trends, the economy, and local impacts.

Wastewater User Charges recorded in the General Fund include adjustments, late charges, and other fees associated with collection of the wastewater user charge netted against the bad debt provision. These net revenues are projected to be \$948 thousand in FY23 which is up from \$-375 thousand in FY20.

Connection and Other Fees are consistently around \$2.0 million over the reporting period. Historically, connection and other fees remain very consistent, the District assumes the pattern will continue.

The Other Miscellaneous revenue category in FY20 includes one time lawsuit settlement, but that revenue source is expected to normalize around \$3 million going forward with projected FY25 revenue of \$2.8 million. Reimbursement of District Costs and court awarded Attorney's Fees make up the majority of that revenue. Historical trends are utilized in the projection due to the consistent pattern in the past with the exception of an one-time anomaly such as FY20.

When fund balances decline, the use of fund balance is represented in the graph as a source of revenue. In FY20 there was a decline. In FY23-25, fund balance in the General Fund is expected to decrease.

Finally, it should be noted that the General Fund receives much of its funding from the sewer service charges originally received into the revenue funds and later transferred to the General Fund. These revenues are left off of this graph because they are reported as revenues in the revenue funds. This major source of funding fluctuates based on balancing the needs of the General Fund against the needs of construction funds and special funds.

METROPOLITAN ST. LOUIS SEWER DISTRICT
CHANGES IN FUND BALANCE
1101 - General Fund

	FY20 Actual	FY21 Actual	FY22 Budget	FY22 Forecast	FY23 Budget	FY24 Budget	FY25 Budget
FUND BALANCE B.O.P.	\$56,099,523	\$79,587,863	\$41,408,513	\$60,440,185	\$66,397,458	\$49,716,711	\$14,102,382
Wastewater User Charge	(375,315)	(884,771)	299,342	(96,332)	948,182	1,183,600	1,458,237
Stormwater User Charge	15,961	6,321	-	-	-	-	-
Taxes	(42,518)	(106,382)	-	897	-	-	-
Interest on Investments	1,079,585	64,654	356,600	315,323	672,056	457,034	254,352
Connection and Other Fees	2,087,882	2,090,923	2,054,000	2,647,808	2,305,000	2,305,000	2,305,000
Proceeds from Sale of Property	105,227	158,653	202,000	179,413	198,000	198,000	198,000
Rental Income	301,631	323,662	311,000	344,125	346,000	346,000	346,000
Miscellaneous	8,639,183	3,870,736	1,808,000	1,841,207	2,000,000	2,000,000	2,000,000
Total Revenues	11,811,636	5,523,795	5,030,942	5,232,442	6,469,238	6,489,634	6,561,589
Personnel Services	109,216,535	112,176,573	116,721,991	109,974,540	121,734,231	125,023,588	128,997,076
Supplies	15,442,618	16,716,261	19,025,236	19,182,523	19,526,467	19,935,094	20,353,730
Utilities	15,762,631	14,964,455	16,937,966	16,854,308	18,024,322	18,522,222	19,036,290
Contractual Services	44,662,388	46,873,332	52,071,643	53,421,190	55,055,955	57,243,206	57,666,301
Capital Outlay	8,619,175	7,600,174	5,764,600	4,980,357	5,396,200	5,509,520	5,625,220
Construction and Engineering	21,447,772	23,583,412	24,620,000	25,972,301	20,330,000	18,055,000	18,065,000
Interfund Labor Transfers	(31,782,424)	(31,334,944)	(34,378,037)	(31,130,800)	(36,121,608)	(37,272,054)	(38,452,602)
Total Expenditures	183,368,696	190,579,262	200,763,398	199,254,419	203,945,567	207,016,576	211,291,016
Net Operating Income (Loss)	(171,557,059)	(185,055,467)	(195,732,456)	(194,021,978)	(197,476,329)	(200,526,943)	(204,729,426)
Interfund Transfers	195,045,399	165,907,789	189,526,012	199,979,250	180,795,582	164,912,614	194,807,445
Increase (Decrease) in Fund Bal.	23,488,340	(19,147,678)	(6,206,444)	5,957,272	(16,680,747)	(35,614,329)	(9,921,981)
Percentage of Change	42%	-24%	-15%	10%	-25%	-72%	-70%
FUND BALANCE E.O.P.	\$79,587,863	\$60,440,185	\$35,202,069	\$66,397,458	\$49,716,711	\$14,102,382	\$4,180,401

PROJECT LISTING

1101 - General Fund FY23

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE (1)</u>
12804 - CCTV INSPECTION AND PHYSICAL INSPECTION OF SEWERS (2023)	Various	\$3,000,000	5
12908 - CRITICAL INFRASTRUCTURE ASSESSMENT AND ASSET INVESTIGATION (2023)	Various	\$1,700,000	11
12801 - FLOW METERING AND MONITORING (2022)	Various	\$2,500,000	13
13087 - GENERAL SERVICES AGREEMENT - PROPERTY APPRAISAL (2021) CONTRACT A	Various	\$75,000	22
13088 - GENERAL SERVICES AGREEMENT - PROPERTY APPRAISAL (2021) CONTRACT B	Various	\$75,000	23
13089 - GENERAL SERVICES AGREEMENT - PROPERTY APPRAISAL (2021) CONTRACT C	Various	\$75,000	24
13090 - GENERAL SERVICES AGREEMENT - PROPERTY APPRAISAL (2021) CONTRACT D	Various	\$75,000	25
11109 - LOWER & MIDDLE RDP CSO CONTROLS SYSTEM IMPROVEMENTS (WATERSHED CONSULTAN	Various	\$125,000	42
12006 - RADAR RAINFALL DATA (2020)	Various	\$150,000	48
11153 - RDP TRIBUTARIES & UPPER RDP CSO CONTROLS & LOWER MERAMEC SYSTEM IMPROVEM	Various	\$600,000	49
10766 - STREAM FLOW GAUGE OPERATION AND MAINTENANCE (USGS)	Various	\$605,000	51
12806 - STREAM FLOW WATER QUALITY SAMPLING (2023)	Various	\$350,000	52
13436 - WET WEATHER OPTIMIZATION STUDY	Various	\$1,500,000	54
11146 - CSO VOLUME REDUCTION GREEN INFRASTRUCTURE	Various	\$5,000,000	70
13078 - CSO VOLUME REDUCTION GREEN INFRASTRUCTURE - RIVER DES PERES	Various	\$3,000,000	71
NUMBER OF PROJECTS: 15		FUND TOTAL:	\$18,830,000

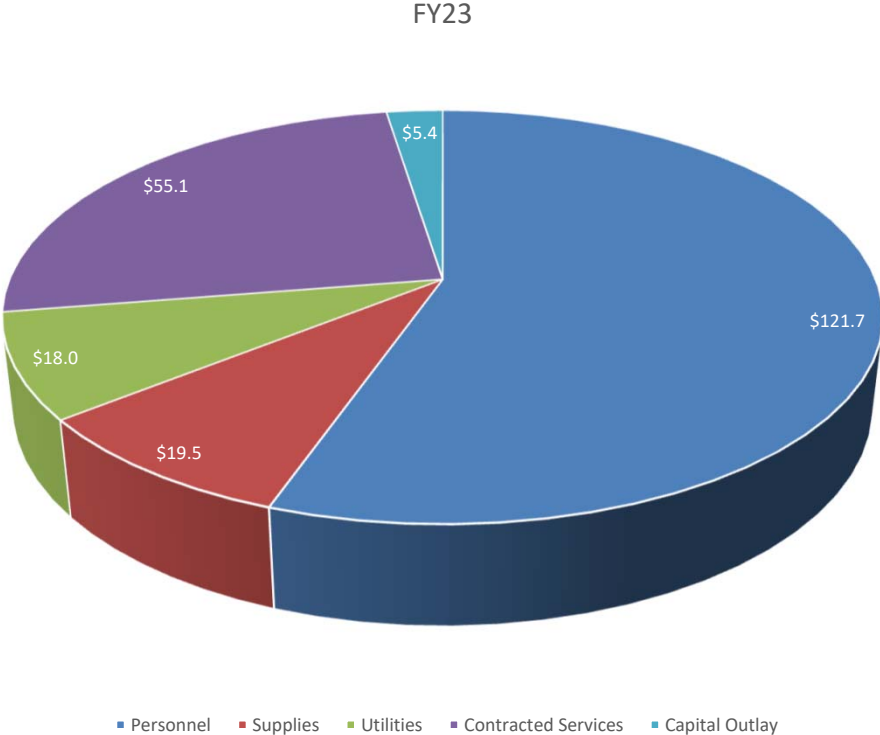
(1) The Page refers to the page number in the Budget Supplement Appendix

The above does not include the General Fund Project of \$1.5 Million dollars for the Oracle Cloud Project.

FY23 General Fund Budget by Expense Category

(\$s in millions)

Personnel Services	\$121.7
Supplies	19.5
Utilities	18.0
Contractual Services	55.1
Capital Outlay	<u>5.4</u>
TOTAL	\$219.7



FY23 SIGNIFICANT BUDGET CHANGES GENERAL FUND

Personnel Services – 51000 Natural Account Group

Personnel Services increased approximately \$5 million or 4% from the FY22 Budget. This increase reflects a \$2.7 million increase in Salaries & Wages including FICA, \$1.6 million increase for the Defined Benefit and the Defined Contribution Plans, and \$764 thousand for Group Insurance. All other changes are less significant.

Supplies – 52000 Natural Account Group

Supplies increased \$501 thousand, or 3% compared to the FY22 Budget. Computer Supplies increased \$345 thousand and Chemicals increased \$257 thousand. All other changes are less significant.

Utilities – 53000 Natural Account Group

Utilities are anticipated to increase \$1.1 million or 6% from the FY22 Budget. The largest contributor of this increase relates to Electricity. It is expected to increase by \$865 thousand, and Natural Gas by \$182 thousand at our treatment plants to continue to meet regulatory requirements.

Contractual Services – 54000 Natural Account Group

Contracted Services are anticipated to increase by \$3.0 million or 6% from the FY22 Budget. Incremental budget increases of \$1.0 million for business cases where \$550 thousand related to systems to assist with Linear Asset Management Decisions and Integrated Wastewater Operations and Compliance Software, \$223 thousand in the Finance area for three additional employees of which two relate to conversion of contracted staff to employees and another one in the Billing and Collections area to increase collection of delinquent revenue and \$250 thousand related to outsourcing of payroll functions. In addition, an increase of \$3.0 million largely related to the increase in Security added in the Executive Director department; \$1.1 million for Collection Services and Bill Payment Services related to increase efforts for collection, and \$702 thousand for Rate Commission relating to the upcoming rate commission process. The increases are offset by decreases of \$671 thousand for Ash Hauling which generally happens every three years; \$1.3 million for Building and Repair Services not expected to repeat in FY23; and \$454 thousand for reduction in Janitorial primarily to reduction in ramped up COVID in FY22. All other changes are less significant.

Capital Outlay – 55000 Natural Account Group

Capital Outlay decreased \$368 thousand or 6% from prior year. The decrease is the result of reductions related to various Processing and Auxiliary Equipment of \$290 thousand, Motor Vehicles of \$145 thousand, Instruments & Apparatus for \$127 thousand and offset by increases in Structural Improvements of \$115 thousand and Computer Equipment of \$120 thousand. All other changes are less significant.

**METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Operating Expense Budget and Variances**

	<u>Budget FY22</u>	<u>Forecast FY22</u>	<u>\$ Change from FY22 Budget</u>	<u>% Change from FY22 Budget</u>	<u>Total Budget FY23</u>	<u>\$ Change from FY22 Budget</u>	<u>% Change from FY22 Budget</u>
51010 Salaries & Wages	75,505,260	69,743,967	(5,761,293)	-8%	78,030,809	2,525,549	3%
51020 Overtime	2,573,046	2,555,118	(17,928)	-1%	2,579,808	6,762	0%
51030 Compensatory Pay Accrual	-	42,866	42,866	100%	-	-	-
51040 Sick Leave Accrual	804,360	808,356	3,996	0%	828,480	24,120	3%
51050 Vacation Accrual	1,187,520	1,187,520	-	0%	1,223,160	35,640	3%
51060 Worker's Compensation Pay	-	113,990	113,990	100%	-	-	-
51070 Board Member Fees	5,400	5,400	-	0%	3,750	(1,650)	-31%
51080 Floating Holiday Accrual	-	73,579	73,579	100%	-	-	-
51090 Civil Service Commision Fees	2,500	2,500	-	0%	2,500	-	0%
51100 Emp Service & Incentive Awards	79,000	75,000	(4,000)	-5%	75,000	(4,000)	-5%
51120 Membership & Licensing Fees	273,916	275,766	1,850	1%	280,898	6,982	3%
51130 Education Assistance Program	175,000	175,000	-	0%	175,000	-	0%
51210 FICA Taxes	5,972,992	5,250,951	(722,041)	-14%	6,166,712	193,720	3%
51220 Group Insurance	11,188,424	9,791,225	(1,397,199)	-14%	11,951,896	763,472	7%
51230 Pension Contributions-Defined Benefit Plan	11,990,000	11,990,000	-	0%	12,300,000	310,000	3%
51231 Pension Contributions-Defined Contribution Plan	1,906,723	2,583,088	676,365	26%	3,074,487	1,167,764	61%
51233 DC Plan-Matching Contributions	768,926	613,963	(154,963)	-25%	873,092	104,166	14%
51240 Unemployment Insurance	25,000	25,000	-	0%	25,000	-	0%
51300 Other Post Employment Benefits	1,900,000	1,724,120	(175,880)	-10%	1,725,000	(175,000)	-9%
51510 Temporary Help	<u>2,363,925</u>	<u>2,937,131</u>	<u>573,206</u>	<u>20%</u>	<u>2,418,640</u>	<u>54,715</u>	<u>2%</u>
Total Personnel Services	\$116,721,991	\$109,974,540	\$(6,747,451)	-6%	\$121,734,231	\$5,012,240	4%
52010 Fuels,Lubricants,Gases	1,273,643	1,426,991	153,348	11%	1,418,893	145,250	11%
52020 Motor Vehicle Parts & Equip	487,305	487,561	256	0%	474,225	(13,080)	-3%
52030 Machinery & Equipment Parts	4,657,844	4,794,674	136,830	3%	4,618,140	(39,704)	-1%
52040 Machinery & Equipment - Non- Capital	79,830	280,136	200,306	72%	119,576	39,746	50%
52050 Construction & Bldg Supplies	2,868,965	2,715,868	(153,097)	-6%	2,773,250	(95,715)	-3%
52070 Hardware	140,227	145,184	4,957	3%	146,179	5,952	4%
52080 Hose Supplies	195,114	205,124	10,010	5%	198,064	2,950	2%
52090 Electrical Supplies	1,412,005	1,192,398	(219,607)	-18%	1,331,510	(80,495)	-6%
52100 Instrument Supplies	776,489	809,095	32,606	4%	808,449	31,960	4%
52110 Chemical Supplies	3,735,476	3,716,033	(19,443)	-1%	3,992,150	256,674	7%
52120 Laboratory Supplies	133,281	134,281	1,000	1%	139,970	6,689	5%
52130 Engineering & Drafting Supply	3,100	3,100	-	0%	3,100	-	0%

**METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Operating Expense Budget and Variances**

	Budget FY22	Forecast FY22	\$ Change from FY22 Budget	% Change from FY22 Budget	Total Budget FY23	\$ Change from FY22 Budget	% Change from FY22 Budget
52150 Plumbing Supplies	434,204	464,392	30,188	7%	456,054	21,850	5%
52160 Paint Supplies	55,563	63,931	8,368	13%	63,075	7,512	14%
52170 Safety Supplies	610,832	534,787	(76,045)	-14%	503,994	(106,838)	-17%
52220 Janitorial Supplies	165,655	165,525	(130)	0%	155,887	(9,768)	-6%
52240 Hand Tools	386,546	456,992	70,446	15%	390,115	3,569	1%
52280 Uniforms	333,281	336,620	3,339	1%	354,067	20,786	6%
52300 Safety Footwear	187,200	186,847	(353)	0%	186,980	(220)	0%
52310 Telephone/Communic Equip/Suppl	72,577	73,501	924	1%	14,960	(57,617)	-79%
52320 Office Supplies	111,904	111,032	(872)	-1%	108,340	(3,564)	-3%
52330 Computer Supplies	232,800	241,361	8,561	4%	577,787	344,987	148%
52340 Computer Equipment - Non-Capital	362,078	485,623	123,545	25%	373,781	11,703	3%
52360 Grounds Supplies	27,495	27,645	150	1%	27,320	(175)	-1%
52370 Photo & Video Supplies	19,350	19,240	(110)	-1%	20,800	1,450	7%
52380 Publications/Training Supplies	155,117	154,617	(500)	0%	160,756	5,639	4%
52390 Administrative Supplies	77,480	75,130	(2,350)	-3%	80,470	2,990	4%
52400 Furniture & Office Equipment - Non-Capital	29,875	81,511	51,636	63%	28,575	(1,300)	-4%
52990 Inventory (I/D)	-	(201,943)	(201,943)	100%	-	-	-
52991 Inventory Obsolence	-	(4,732)	(4,732)	100%	-	-	-
Total Supplies	\$19,025,236	\$19,182,523	\$157,288	1%	\$19,526,467	\$501,232	3%
53060 Electric Usage	12,955,600	12,813,273	(142,327)	-1%	13,820,400	864,800	7%
53070 Natural Gas Usage	2,275,280	2,275,281	1	0%	2,456,790	181,510	8%
53080 Water Usage	925,785	955,209	29,424	3%	948,557	22,772	2%
53270 Telephone Usage	781,301	810,544	29,243	4%	798,575	17,274	2%
Total Usage	\$16,937,966	\$16,854,308	\$(83,658)	0%	\$18,024,322	\$1,086,356	6%
54010 Postage	2,075,330	2,086,170	10,840	1%	2,223,330	148,000	7%
54050 Office System Services	4,404,730	4,390,587	(14,143)	0%	4,602,979	198,249	5%
54060 Printing Services	719,286	487,552	(231,734)	-48%	531,347	(187,939)	-26%
54080 Advertising Services	378,800	368,800	(10,000)	-3%	591,300	212,500	56%
54100 Travel Expenses	260,267	261,618	1,351	1%	291,209	30,942	12%
54120 Photo Services	7,500	6,000	(1,500)	-25%	7,500	-	0%
54140 Training Programs/Seminar Fees	497,428	431,315	(66,113)	-15%	439,025	(58,403)	-12%
54141 Required Training Programs	240,509	244,465	3,956	2%	228,475	(12,034)	-5%
54160 Data Imaging Services	37,300	32,300	(5,000)	-15%	52,000	14,700	39%

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Operating Expense Budget and Variances

	Budget FY22	Forecast FY22	\$ Change from FY22 Budget	% Change from FY22 Budget	Total Budget FY23	\$ Change from FY22 Budget	% Change from FY22 Budget
54180 Courier And Freight	162,959	170,869	7,910	5%	161,262	(1,697)	-1%
54190 Property & Other Space Rental	61,620	63,620	2,000	3%	104,420	42,800	69%
54350 Bill Payment Services	2,342,190	2,680,000	337,810	13%	2,721,116	378,926	16%
54360 Banking Services Total	50,000	50,000	-	0%	50,000	-	0%
54390 Hospital & Medical Services	203,000	203,000	-	0%	303,000	100,000	49%
54400 Judgments & Claims Settlements	25,000	25,000	-	0%	25,000	-	0%
54420 Court Costs & Lien Fees	260,000	260,000	-	0%	260,000	-	0%
54440 Easement Acquisitions/Fees	25,000	25,000	-	0%	34,000	9,000	36%
54450 Collection Services	6,900,000	6,850,000	(50,000)	-1%	7,602,000	702,000	10%
54455 Commission Fee - St. Louis County	-	37	37	100%	-	-	-
54460 Commission Fee - St. Louis City	-	1	1	72%	-	-	-
54470 Water Agency Data Services	610,000	520,000	(90,000)	-17%	550,000	(60,000)	-10%
54520 Professional Service	13,647,445	14,317,585	670,140	5%	17,108,554	3,461,109	25%
54530 Building Repairs & Services	2,813,190	3,122,426	309,236	10%	1,501,415	(1,311,775)	-47%
54540 Janitorial Services	1,659,794	1,565,719	(94,075)	-6%	1,205,800	(453,994)	-27%
54550 Grounds Services	838,167	881,062	42,895	5%	955,529	117,362	14%
54560 Motor Vehicle Services	356,228	393,566	37,338	9%	369,428	13,200	4%
54570 Machinery & Equipment Services	3,385,030	3,123,726	(261,304)	-8%	3,338,935	(46,095)	-1%
54580 Equipment Rental	482,423	425,579	(56,844)	-13%	483,448	1,025	0%
54590 Sewer Rep & Structure Cleaning	1,611,500	1,644,933	33,433	2%	1,570,650	(40,850)	-3%
54600 Electrical Repair Services	1,176,750	1,319,902	143,152	11%	1,423,250	246,500	21%
54610 Instrument Repair Services	380,529	767,256	386,727	50%	425,086	44,557	12%
54620 Plumbing Services	774,854	790,395	15,541	2%	780,316	5,462	1%
54630 HVAC Services	550,004	778,702	228,698	29%	439,562	(110,442)	-20%
54640 Damage Repairs & Services	13,000	13,138	138	1%	13,000	-	0%
54650 Waste Hauling	1,632,266	1,627,016	(5,250)	0%	1,680,642	48,376	3%
54660 Ash Hauling	1,036,654	1,036,654	-	0%	365,222	(671,432)	-65%
54670 Other Governmental Fees	1,189,834	1,190,054	220	0%	1,160,866	(28,968)	-2%
54680 Laboratory Testing Services	442,820	442,570	(250)	0%	635,490	192,670	44%
54690 Safety Services	112,737	117,322	4,585	4%	114,050	1,313	1%
54700 Asbestos Removal Services	32,500	32,500	-	0%	30,000	(2,500)	-8%
54710 Community Outreach Programs	216,500	216,250	(250)	0%	215,250	(1,250)	-1%
54720 Tree Removal/Weed Spraying	458,500	458,500	-	0%	461,500	3,000	1%
Total Contractual Services	\$52,071,643	\$53,421,190	\$1,349,547	3%	\$55,055,955	\$2,984,312	6%
55030 Structural Improvements	125,000	222,787	97,787	44%	240,000	115,000	92%

**METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Operating Expense Budget and Variances**

	Budget FY22	Forecast FY22	\$ Change from FY22 Budget	% Change from FY22 Budget	Total Budget FY23	\$ Change from FY22 Budget	% Change from FY22 Budget
55040 Processing Equipment	727,000	781,834	54,834	7%	617,000	(110,000)	-15%
55050 Auxiliary Equipment	188,000	195,271	7,271	4%	8,500	(179,500)	-95%
55060 Motor Vehicles	3,100,000	2,950,000	(150,000)	-5%	2,955,000	(145,000)	-5%
55070 Machinery & Implements	512,000	203,000	(309,000)	-152%	472,000	(40,000)	-8%
55080 Instruments & Apparatus	207,200	243,810	36,610	15%	80,700	(126,500)	-61%
55090 Furniture & Office Equipment	33,400	33,400	-	0%	31,500	(1,900)	-6%
55110 Computer Equipment	872,000	350,255	(521,745)	-149%	991,500	119,500	14%
Total Capital Outlay	\$5,764,600	\$4,980,357	\$(784,243)	-16%	\$5,396,200	\$(368,400)	-6%
Total General Fund Operating Expense	\$210,521,435	\$204,412,919	\$(6,108,516)	-3%	\$219,737,175	\$9,215,740	4%

Metropolitan St. Louis Sewer District
General Fund Budget by Natural Account Group
FY23 Budget

	Personnel Services	Supplies	Utilities	Contractual Services	Capital Outlay	Budget FY23	Percent of Total
Board of Trustees	\$4,350	\$-	\$-	\$6,000	\$-	\$10,350	0.0%
Rate Commission	-	1,000	-	701,000	-	702,000	0.3%
Civil Service Commission	2,500	2,500	-	6,500	-	11,500	0.0%
Secretary Treasurer Department	956,880	8,250	-	1,424,794	3,000	2,392,924	1.2%
Executive Director Department	2,548,603	46,620	10,450	4,263,502	-	6,869,175	3.4%
Human Resources Department	7,454,514	57,850	7,000	1,634,238	-	9,153,602	4.5%
Finance Department	5,382,451	71,740	182,000	19,740,490	140,000	25,516,681	12.5%
Information Technology Department	9,258,783	534,681	434,214	6,447,985	510,000	17,185,663	8.4%
General Counsel Department	1,356,919	91,900	750	2,045,910	-	3,495,479	1.7%
Operations Department	67,883,438	17,858,442	17,337,728	17,388,468	4,688,700	125,156,776	61.4%
Engineering Department	26,885,794	853,484	52,180	1,397,067	54,500	29,243,024	14.3%
Total General Fund Operating Expense	\$121,734,231	\$19,526,467	\$18,024,322	\$55,055,955	\$5,396,200	\$219,737,174	107.7%
Construction & Engineering	-	-	-	-	-	20,330,000	10.0%
Interfund Labor Transfers	-	-	-	-	-	(36,121,608)	-17.7%
Total General Fund Budget	\$121,734,231	\$19,526,467	\$18,024,322	\$55,055,955	\$5,396,200	\$203,945,566	100.0%

Metropolitan St. Louis Sewer District
General Fund Budget by Natural Account Group
Variance - Increase (Decrease)
FY23 Budget vs. FY22 Budget

	Personnel Services	Supplies	Utilities	Contractual Services	Capital Outlay	Budget FY22	Budget FY23	Difference FY23 vs. FY22	Percent Change
Board of Trustees	\$5,700	\$-	\$-	\$4,000	\$-	\$9,700	\$10,350	\$650	7%
Rate Commission	-	-	-	-	-	-	702,000	702,000	0%
Civil Service Commission	2,500	2,500	-	6,500	-	11,500	11,500	-	0%
Secretary Treasurer Department	918,695	8,500	-	1,570,884	6,000	2,504,079	2,392,924	(111,155)	-4%
Executive Director Department	2,330,436	39,920	12,000	1,267,571	-	3,649,928	6,869,175	3,219,248	88%
Human Resources Department	7,352,183	56,850	8,600	2,350,412	-	9,768,045	9,153,602	(614,443)	-6%
Finance Department	5,033,539	66,940	201,100	18,792,399	400	24,094,378	25,516,681	1,422,303	6%
Information Technology Department	9,010,694	509,965	417,472	6,462,687	414,000	16,814,818	17,185,663	370,845	2%
General Counsel Department	1,278,225	88,750	600	2,044,717	-	3,412,292	3,495,479	83,186	2%
Operations Department	64,867,397	17,745,907	16,245,166	18,445,343	5,238,200	122,542,013	125,156,776	2,614,764	2%
Engineering Department	25,922,620	505,904	53,028	1,127,129	106,000	27,714,682	29,243,024	1,528,342	6%
Total General Fund Operating Expense	\$116,721,991	\$19,025,236	\$16,937,966	\$52,071,643	\$5,764,600	\$210,521,435	\$219,737,174	\$9,215,740	4%
Construction & Engineering	-	-	-	-	-	24,620,000	20,330,000	(4,290,000)	-17%
Interfund Labor Transfers	-	-	-	-	-	(34,378,037)	(36,121,608)	(1,743,571)	5%
Total General Fund Budget	\$116,721,991	\$19,025,236	\$16,937,966	\$52,071,643	\$5,764,600	\$200,763,398	\$203,945,567	\$3,182,169	2%

Metropolitan St. Louis Sewer District
General Fund Budget by Natural Account Group
Variance - Increase (Decrease)
FY23 Budget vs. FY22 Forecast

	Personnel Services	Supplies	Utilities	Contractual Services	Capital Outlay	Forecast FY22	Budget FY23	Difference FY23 vs. FY22	Percent Change
Board of Trustees	\$5,700	\$-	\$-	\$4,000	\$-	\$9,700	\$10,350	\$650	7%
Rate Commission	-	-	-	-	-	-	702,000	702,000	0%
Civil Service Commission	2,500	2,500	-	6,500	-	11,500	11,500	-	0%
Secretary Treasurer Department	877,488	8,500	-	1,577,745	6,000	2,469,733	2,392,924	(76,808)	-3%
Executive Director Department	2,309,267	39,520	12,100	1,268,014	-	3,628,901	6,869,175	3,240,275	89%
Human Resources Department	6,942,972	56,850	8,600	3,395,652	-	10,404,074	9,153,602	(1,250,472)	-12%
Finance Department	4,701,700	65,915	202,690	18,428,303	400	23,399,008	25,516,681	2,117,673	9%
Information Technology Department	8,424,734	609,465	417,472	6,354,394	314,000	16,120,066	17,185,663	1,065,598	7%
General Counsel Department	1,299,771	88,750	600	2,044,717	-	3,433,838	3,495,479	61,640	2%
Operations Department	61,615,285	17,791,039	16,159,818	19,258,390	4,544,502	119,369,034	125,156,776	5,787,742	5%
Engineering Department	23,795,123	519,984	53,028	1,083,437	115,455	25,567,027	29,243,024	3,675,997	14%
Total General Fund Operating Expense	\$109,974,540	\$19,182,523	\$16,854,308	\$53,421,152	\$4,980,357	\$204,412,881	\$219,737,174	\$15,324,295	7%
Construction & Engineering	-	-	-	-	-	25,972,301	20,330,000	(5,642,301)	-22%
Interfund Labor Transfers	-	-	-	-	-	(31,130,800)	(36,121,608)	(4,990,808)	16%
Tax Commission Fee	-	-	-	-	-	38	-	(38)	-100%
Total General Fund Budget	\$109,974,540	\$19,182,523	\$16,854,308	\$53,421,152	\$4,980,357	\$199,254,419	\$203,945,567	\$4,691,148	2%

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
Total District

	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
51010 Salaries & Wages	68,138,149	69,858,277	75,505,260	69,743,967	78,030,809	80,405,131	82,811,410
51020 Overtime	2,577,573	1,596,189	2,573,046	2,555,118	2,579,808	2,657,202	2,736,923
51030 Compensatory Pay Accrual	(54,702)	(908)	-	42,866	-	-	-
51040 Sick Leave Accrual	788,826	799,410	804,360	808,356	828,480	853,334	878,934
51050 Vacation Accrual	1,259,699	3,289,246	1,187,520	1,187,520	1,223,160	1,259,855	1,297,650
51060 Worker's Compensation Pay	65,067	82,657	-	113,990	-	-	-
51070 Board Member Fees	1,525	1,600	5,400	5,400	3,750	3,750	3,750
51080 Floating Holiday Accrual	94,782	53,879	-	73,579	-	-	-
51090 Civil Service Commission Fees	1,023	1,745	2,500	2,500	2,500	2,552	2,606
51100 Emp Service & Incentive Awards	44,954	15,778	79,000	75,000	75,000	76,575	78,183
51120 Membership & Licensing Fees	182,756	237,081	273,916	275,766	280,898	286,761	292,747
51130 Education Assistance Program	111,037	73,700	175,000	175,000	175,000	178,675	182,427
51210 FICA Taxes	5,159,439	5,254,936	5,972,992	5,250,951	6,166,712	6,354,111	6,544,285
51220 Group Insurance	8,953,150	8,694,662	11,188,424	9,791,225	11,951,896	12,876,380	13,873,114
51230 Pension Contributions-Defined Benefit Plan	13,062,014	12,771,525	11,990,000	11,990,000	12,300,000	11,700,000	11,700,000
51231 Pension Contributions-Defined Contribution Plan	2,565,665	2,349,920	1,906,723	2,583,088	3,074,487	3,075,021	3,075,021
51233 DC Plan-Matching Contributions	-	583,922	768,926	613,963	873,092	873,092	873,092
51240 Unemployment Insurance	10,119	13,031	25,000	25,000	25,000	25,750	26,522
51300 Other Post Employment Benefits	1,419,015	1,724,120	1,900,000	1,724,120	1,725,000	1,863,000	2,012,040
51510 Temporary Help	4,836,444	4,775,801	2,363,925	2,937,131	2,418,640	2,532,399	2,608,371
Total Personnel Services	\$109,216,535	\$112,176,573	\$116,721,991	\$109,974,540	\$121,734,231	\$125,023,588	\$128,997,076
52010 Fuels,Lubricants,Gases	1,108,187	1,007,918	1,273,643	1,426,991	1,418,893	1,448,690	1,479,112
52020 Motor Vehicle Parts & Equip	404,398	382,539	487,305	487,561	474,225	484,184	494,352
52030 Machinery & Equipment Parts	3,108,711	4,524,405	4,657,844	4,794,674	4,618,140	4,715,121	4,814,138
52040 Machinery & Equipment - Non-Capital	59,830	109,341	79,830	280,136	119,576	122,087	124,651
52050 Construction & Bldg Supplies	2,007,224	2,304,179	2,868,965	2,715,868	2,773,250	2,831,488	2,890,950
52070 Hardware	111,871	132,111	140,227	145,184	146,179	149,249	152,383
52080 Hose Supplies	169,488	190,629	195,114	205,124	198,064	202,223	206,470
52090 Electrical Supplies	965,222	1,272,242	1,412,005	1,192,398	1,331,510	1,359,472	1,388,021
52100 Instrument Supplies	635,615	806,159	776,489	809,095	808,449	825,426	842,760
52110 Chemical Supplies	3,182,251	2,932,415	3,735,476	3,716,033	3,992,150	4,280,185	4,370,069
52120 Laboratory Supplies	156,472	102,357	133,281	134,281	139,970	142,909	145,910
52130 Engineering & Drafting Supply	741	579	3,100	3,100	3,100	3,165	3,232

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
Total District

	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
52150 Plumbing Supplies	385,625	446,404	434,204	464,392	456,054	465,631	475,409
52160 Paint Supplies	39,769	41,421	55,563	63,931	63,075	64,400	65,752
52170 Safety Supplies	433,059	501,487	610,832	534,787	503,994	514,578	525,384
52220 Janitorial Supplies	141,610	120,356	165,655	165,525	155,887	159,161	162,503
52240 Hand Tools	419,211	441,308	386,546	456,992	390,115	398,307	406,672
52280 Uniforms	295,864	287,739	333,281	336,620	354,067	361,502	369,094
52300 Safety Footwear	130,595	164,842	187,200	186,847	186,980	190,498	194,499
52310 Telephone/Communic Equip/Suppl	26,467	23,622	72,577	73,501	14,960	15,274	15,595
52320 Office Supplies	87,472	86,926	111,904	111,032	108,340	110,105	112,417
52330 Computer Supplies	476,404	559,973	232,800	241,361	577,787	385,721	393,821
52340 Computer Equipment - Non- Capital	570,075	354,538	362,078	485,623	373,781	381,630	389,645
52360 Grounds Supplies	17,623	19,446	27,495	27,645	27,320	27,894	28,479
52370 Photo & Video Supplies	8,113	3,943	19,350	19,240	20,800	21,237	21,683
52380 Publications/Training Supplies	154,939	122,603	155,117	154,617	160,756	164,132	167,579
52390 Administrative Supplies	47,641	36,185	77,480	75,130	80,470	81,649	83,364
52400 Furniture & Office Equipment - Non-Capital	5,224	85,931	29,875	81,511	28,575	29,175	29,788
52990 Inventory (I/D)	302,366	(341,096)	-	(201,943)	-	-	-
52991 Inventory Obsolence	(9,448)	(4,239)	-	(4,732)	-	-	-
Total Supplies	\$15,442,618	\$16,716,261	\$19,025,236	\$19,182,523	\$19,526,467	\$19,935,094	\$20,353,730
53060 Electric Usage	12,238,301	11,521,974	12,955,600	12,813,273	13,820,400	14,138,269	14,463,449
53070 Natural Gas Usage	1,879,662	1,813,980	2,275,280	2,275,281	2,456,790	2,530,494	2,606,408
53080 Water Usage	728,958	882,766	925,785	955,209	948,557	1,014,956	1,086,003
53270 Telephone Usage	915,710	745,735	781,301	810,544	798,575	838,504	880,429
Total Usage	\$15,762,631	\$14,964,455	\$16,937,966	\$16,854,308	\$18,024,322	\$18,522,222	\$19,036,290
54010 Postage	1,983,222	1,974,668	2,075,330	2,086,170	2,223,330	2,270,020	2,317,690
54050 Office System Services	3,652,270	3,797,771	4,404,730	4,390,587	4,602,979	4,681,774	4,780,091
54060 Printing Services	537,003	442,401	719,286	487,552	531,347	544,241	555,670
54080 Advertising Services	293,641	252,912	378,800	368,800	591,300	348,467	355,785
54100 Travel Expenses	246,844	69,884	260,267	261,618	291,209	296,277	302,376
54120 Photo Services	6,000	-	7,500	6,000	7,500	7,657	7,818
54140 Training Programs/Seminar Fees	338,390	266,523	497,428	431,315	439,025	426,496	435,059
54141 Required Training Programs	173,001	277,123	240,509	244,465	228,475	233,273	238,172
54160 Data Imaging Services	58,894	13,566	37,300	32,300	52,000	53,092	54,207

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
Total District

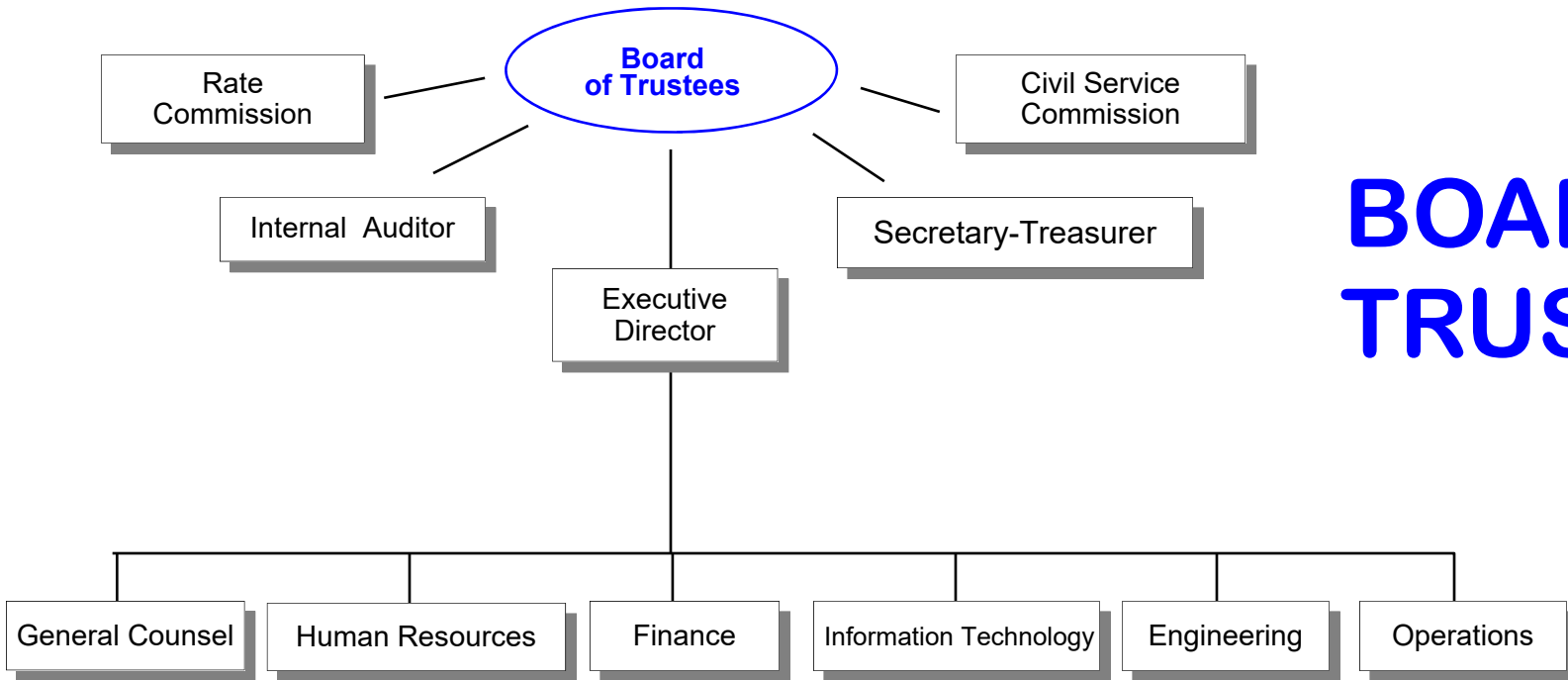
	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
54180 Courier And Freight	117,891	123,667	162,959	170,869	161,262	163,627	167,064
54190 Property & Other Space Rental	107,214	84,104	61,620	63,620	104,420	106,613	108,852
54350 Bill Payment Services	1,951,825	2,399,398	2,342,190	2,680,000	2,721,116	2,778,259	2,836,603
54360 Banking Services Total	33,317	50,335	50,000	50,000	50,000	51,050	52,122
54370 Board Of Election Commission	82,510	647,438	-	-	-	1,500,000	-
54390 Hospital & Medical Services	123,084	119,194	203,000	203,000	303,000	309,363	315,860
54400 Judgments & Claims Settlements	-	1,810	25,000	25,000	25,000	25,525	26,061
54420 Court Costs & Lien Fees	155,378	(39,461)	260,000	260,000	260,000	265,460	271,035
54440 Easement Acquisitions/Fees	35,438	32,749	25,000	25,000	34,000	34,714	35,443
54450 Collection Services	5,681,200	6,648,418	6,900,000	6,850,000	7,602,000	7,761,642	7,924,636
54455 Commission Fee - St. Louis County	201	(365)	-	37	-	-	-
54460 Commission Fee - St. Louis City	6	(11)	-	1	-	-	-
54470 Water Agency Data Services	514,888	517,856	610,000	520,000	550,000	561,550	573,343
54520 Professional Service	14,212,191	11,192,903	13,647,445	14,317,585	17,108,554	16,548,919	16,896,425
54530 Building Repairs & Services	1,517,433	1,750,506	2,813,190	3,122,426	1,501,415	1,532,945	1,565,137
54540 Janitorial Services	1,246,890	1,734,626	1,659,794	1,565,719	1,205,800	1,231,122	1,256,975
54550 Grounds Services	711,333	709,760	838,167	881,062	955,529	975,595	996,083
54560 Motor Vehicle Services	272,721	311,809	356,228	393,566	369,428	380,511	391,926
54570 Machinery & Equipment Services	1,619,474	3,884,258	3,385,030	3,123,726	3,338,935	3,415,731	3,494,292
54580 Equipment Rental	630,140	606,153	482,423	425,579	483,448	497,951	512,890
54590 Sewer Rep & Structure Cleaning	1,899,255	1,605,122	1,611,500	1,644,933	1,570,650	1,680,596	1,798,237
54600 Electrical Repair Services	766,838	1,064,250	1,176,750	1,319,902	1,423,250	1,494,413	1,569,133
54610 Instrument Repair Services	319,089	356,936	380,529	767,256	425,086	434,013	443,127
54620 Plumbing Services	919,311	1,026,392	774,854	790,395	780,316	796,702	813,433
54630 HVAC Services	394,206	494,790	550,004	778,702	439,562	448,793	458,217
54640 Damage Repairs & Services	3,366	3,566	13,000	13,138	13,000	13,273	13,552
54650 Waste Hauling	1,678,333	1,504,330	1,632,266	1,627,016	1,680,642	1,715,935	1,751,970
54660 Ash Hauling	338,375	541,696	1,036,654	1,036,654	365,222	985,492	1,618,787
54670 Other Governmental Fees	899,002	1,126,421	1,189,834	1,190,054	1,160,866	1,185,244	1,210,134
54680 Laboratory Testing Services	408,319	423,699	442,820	442,570	635,490	648,835	662,461
54690 Safety Services	83,239	70,704	112,737	117,322	114,050	116,445	118,890
54700 Asbestos Removal Services	103,761	57,306	32,500	32,500	30,000	30,630	31,273
54710 Community Outreach Programs	178,865	257,820	216,500	216,250	215,250	219,770	224,385
54720 Tree Removal/Weed Spraying	364,501	406,253	458,500	458,500	461,500	471,192	481,087
54810 I(D) Landfill Closure Cost	3,529	64,055	-	-	-	-	-

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
Total District

	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
Total Contractual Services	\$44,662,388	\$46,873,332	\$52,071,643	\$53,421,190	\$55,055,955	\$57,243,206	\$57,666,301
55030 Structural Improvements	257,789	889,849	125,000	222,787	240,000	245,040	250,186
55040 Processing Equipment	3,305,464	2,247,882	727,000	781,834	617,000	629,957	643,186
55050 Auxiliary Equipment	366,018	1,382	188,000	195,271	8,500	8,678	8,861
55060 Motor Vehicles	2,957,527	3,053,681	3,100,000	2,950,000	2,955,000	3,017,055	3,080,413
55070 Machinery & Implements	491,848	667,745	512,000	203,000	472,000	481,912	492,032
55080 Instruments & Apparatus	523,095	82,966	207,200	243,810	80,700	82,395	84,125
55090 Furniture & Office Equipment	(4,000)	99,208	33,400	33,400	31,500	32,162	32,837
55110 Computer Equipment	579,894	557,462	872,000	350,255	991,500	1,012,321	1,033,580
55115 Intangible (Software)	141,540	-	-	-	-	-	-
Total Capital Outlay	\$8,619,175	\$7,600,174	\$5,764,600	\$4,980,357	\$5,396,200	\$5,509,520	\$5,625,220
Total General Fund Operating Expense	\$193,703,347	\$198,330,795	\$210,521,435	\$204,412,919	\$219,737,175	\$226,233,630	\$231,678,617



FY23 BUDGET



BOARD OF TRUSTEES



Board of Trustees

Mission

1. Develop public policies through official action, to meet MSD's responsibilities for sanitation, storm flow and protection of water resources.
2. Develop general strategies to direct and supervise the Executive Director in the implementation of official policies and programs.
3. Generally oversee the implementation of appropriate recommendations contained in various internal and contracted studies; i.e. the Independent Auditor's Management Letter, Pension Fund Investment Consultant, Financial Advisors, and the Internal Auditor.
4. Direct and supervise the activities of the Secretary-Treasurer and the Internal Auditor.

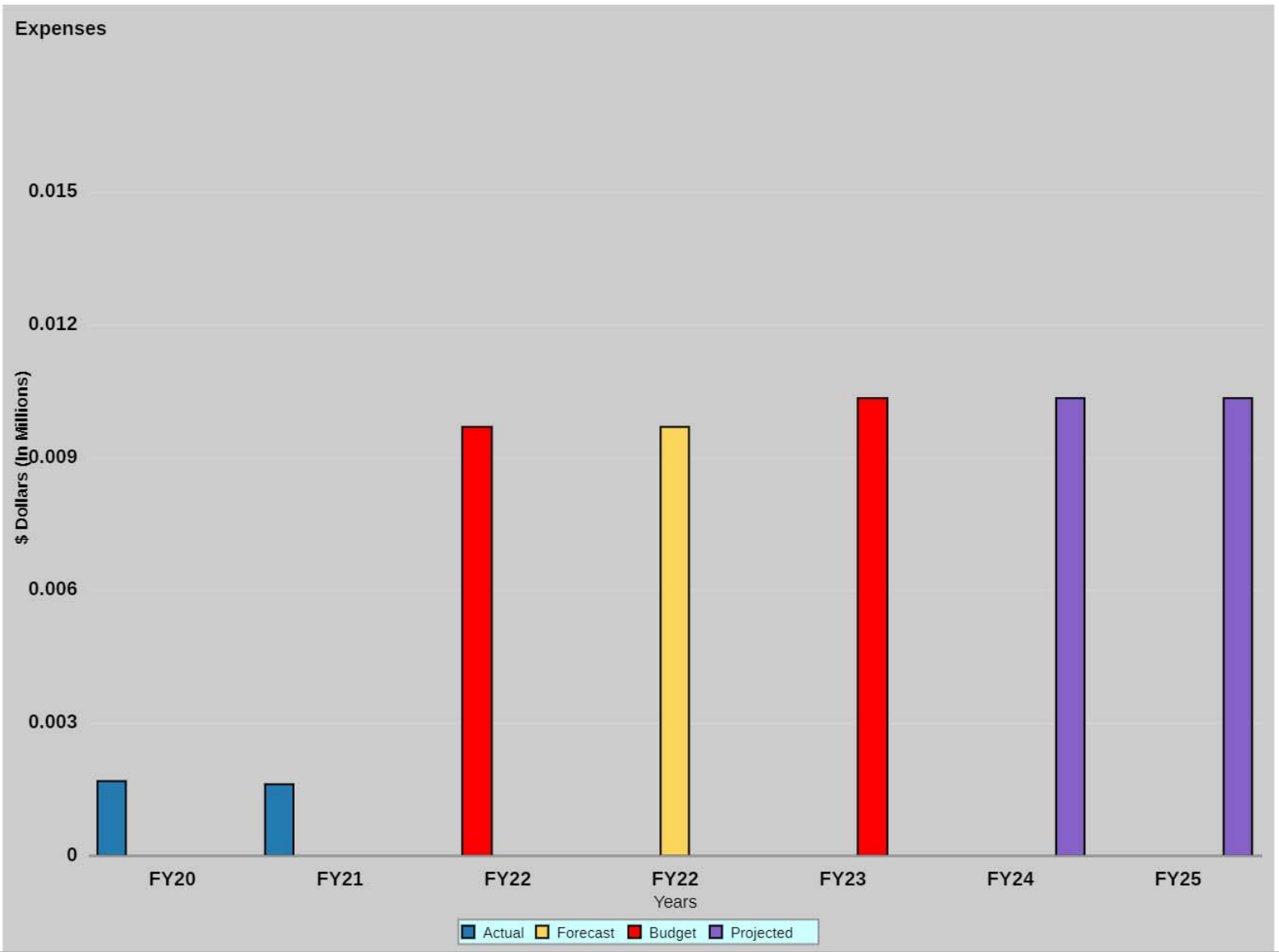
DESCRIPTION OF SERVICES

Pursuant to the provisions of the Plan and subject to the limitations imposed by the Constitution of the State of Missouri, all powers of the District are vested in the Board of Trustees who enact District ordinances, adopt budgets, and determine policies (Section 1.020 of the Plan). The Board of Trustees appoints the Executive Director, who executes the ordinances and administers the government of the District and all subdistricts (Sect. 6.010 of the Plan), and the Secretary-Treasurer (Sect. 7.020 of the Plan), and the Internal Auditor (Sect. 7.030 of the Plan).

Board Of Trustees

		FY20	FY21	FY22	FY22	FY23	FY24	FY25
<u>EXPENDITURE SUMMARY - CATEGORY</u>		<u>Actual</u>	<u>Actual</u>	<u>Budget</u>	<u>Forecast</u>	<u>Budget</u>	<u>Projected</u>	<u>Projected</u>
51000	Personnel Expenses	\$1,525	\$1,618	\$5,700	\$5,700	\$4,350	\$4,350	\$4,350
52000	Supplies	76	-	-	-	-	-	-
53000	Usage	-	-	-	-	-	-	-
54000	Contractual Services	89	-	4,000	4,000	6,000	6,000	6,000
55000	Capital Outlay	-	-	-	-	-	-	-
TOTAL EXPENSES		<u>\$1,690</u>	<u>\$1,618</u>	<u>\$9,700</u>	<u>\$9,700</u>	<u>\$10,350</u>	<u>\$10,350</u>	<u>\$10,350</u>

Board Of Trustees

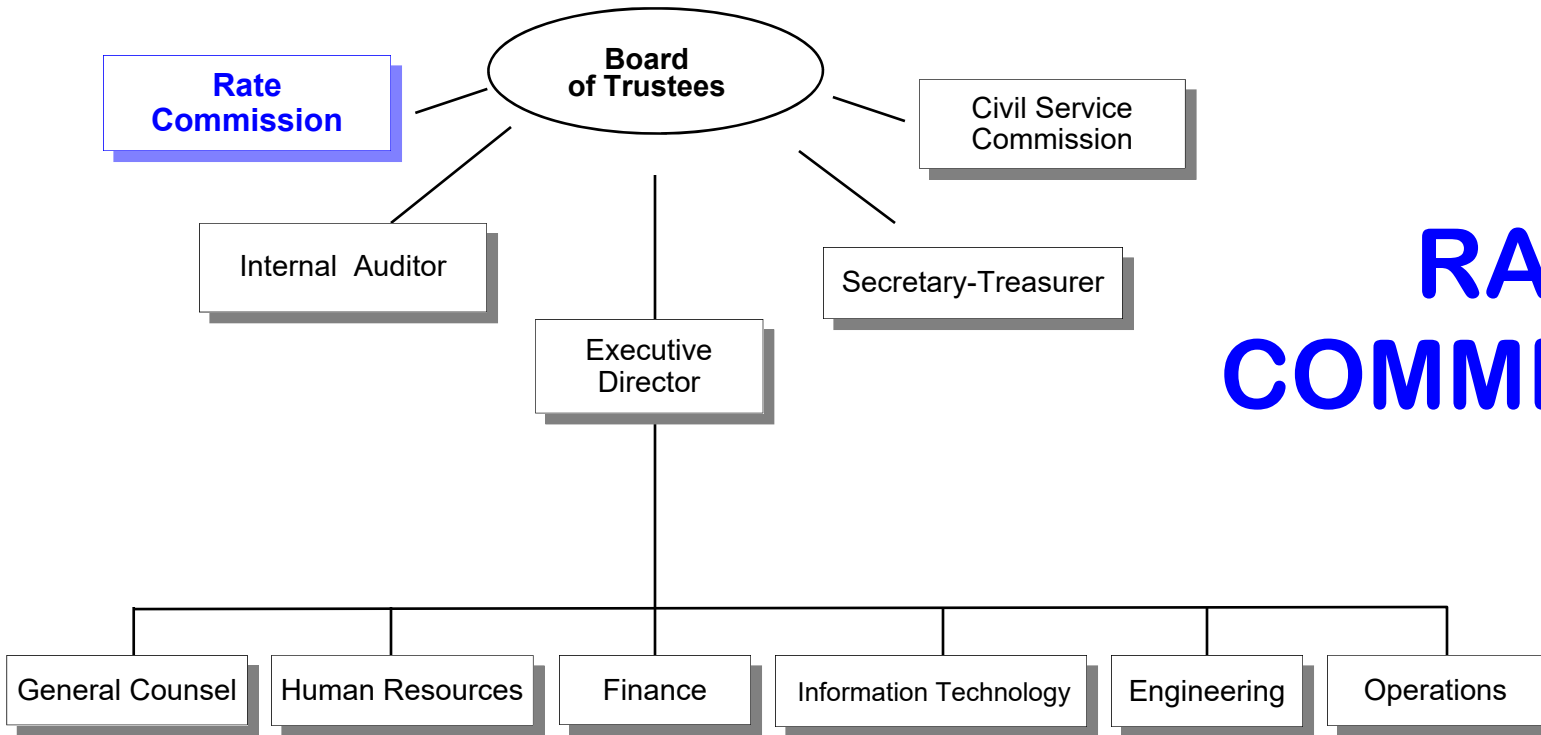


METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T1010 - Board of Trustees Total

	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
51070 Board Member Fees	1,525	1,600	5,400	5,400	3,750	3,750	3,750
51120 Membership & Licensing Fees	-	18	300	300	600	600	600
Total Personnel Services	\$1,525	\$1,618	\$5,700	\$5,700	\$4,350	\$4,350	\$4,350
52390 Administrative Supplies	76	-	-	-	-	-	-
Total Supplies	\$76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
54140 Training Programs/Seminar Fees	-	-	4,000	4,000	6,000	6,000	6,000
54180 Courier And Freight	89	-	-	-	-	-	-
Total Contractual Services	\$89	\$ -	\$4,000	\$4,000	\$6,000	\$6,000	\$6,000
Total General Fund Operating Expense	\$1,690	\$1,618	\$9,700	\$9,700	\$10,350	\$10,350	\$10,350



FY23 BUDGET



RATE COMMISSION



Rate Commission

Mission

Any change in a rate recommended to the Board by the Rate Commission shall be accompanied by a statement of the Rate Commission that the proposed rate change, and all portions thereof:

1. Is consistent with constitutional, statutory or common law as amended from time to time.
2. Enhances the District's ability to provide adequate sewer and drainage systems and facilities, or related services.
3. Is consistent with and not in violation of any covenant or provision relating to any outstanding bonds or indebtedness of the District.
4. Does not impair the ability of the District to comply with applicable Federal or State laws or regulations as amended from time to time.
5. Imposes a fair and reasonable burden on all classes of ratepayers.

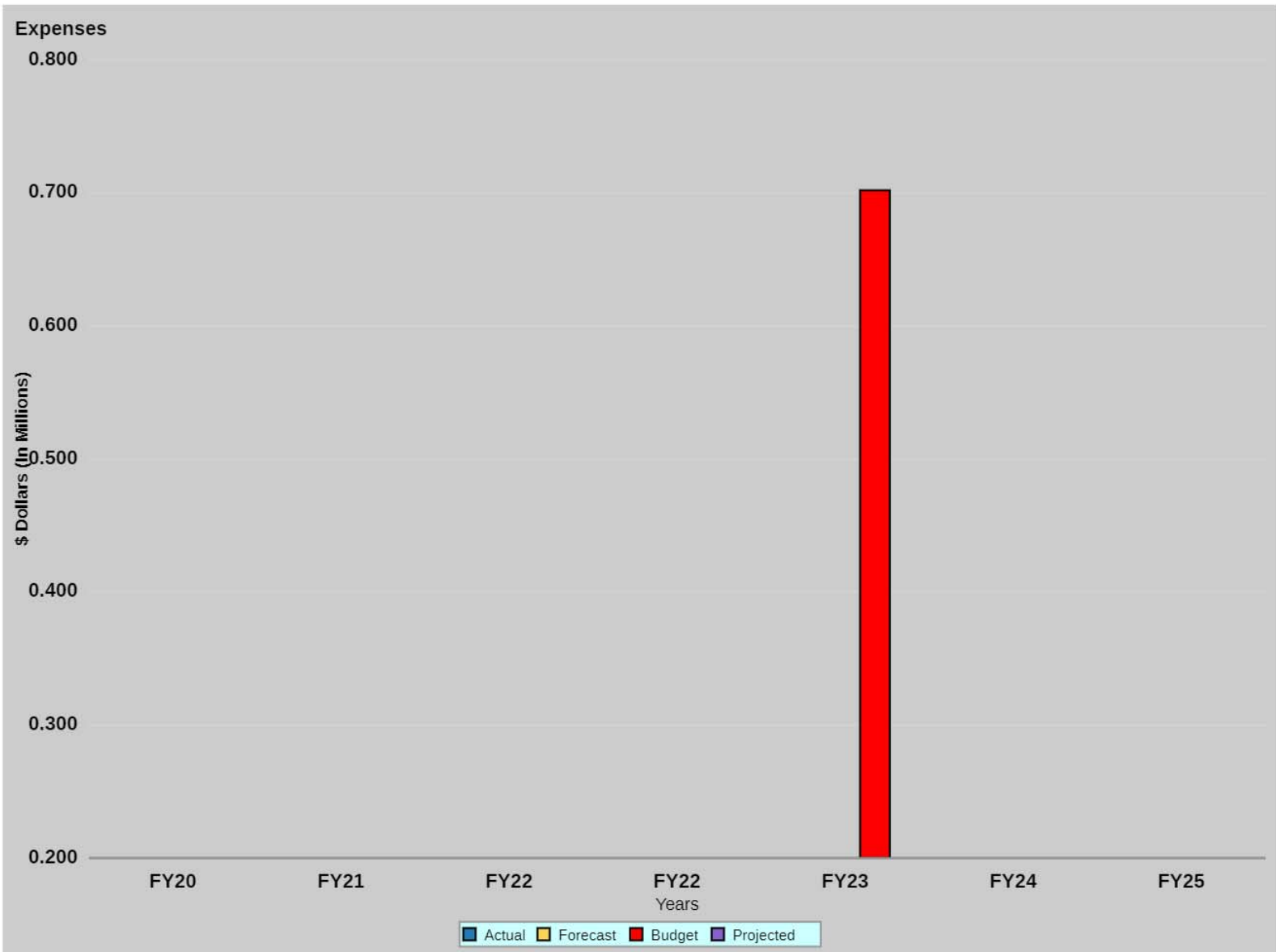
DESCRIPTION OF SERVICES

There shall be a rate commission ("Rate Commission") to review and make recommendations to the Board regarding all proposed changes in wastewater rates, stormwater rates, and tax rates or change in the structure of any of the foregoing ("Rates").

Rate Commission

		FY20	FY21	FY22	FY22	FY23	FY24	FY25
<u>EXPENDITURE SUMMARY - CATEGORY</u>		<u>Actual</u>	<u>Actual</u>	<u>Budget</u>	<u>Forecast</u>	<u>Budget</u>	<u>Projected</u>	<u>Projected</u>
51000	Personnel Expenses	\$-	\$-	\$-	\$-	\$-	\$-	\$-
52000	Supplies	260	-	-	-	1,000	-	-
53000	Usage	-	-	-	-	-	-	-
54000	Contractual Services	4,535	(16)	-	-	701,000	-	-
55000	Capital Outlay	-	-	-	-	-	-	-
TOTAL EXPENSES		<u>\$4,795</u>	<u>\$(16)</u>	\$-	\$-	\$702,000	\$-	\$-

Rate Commission

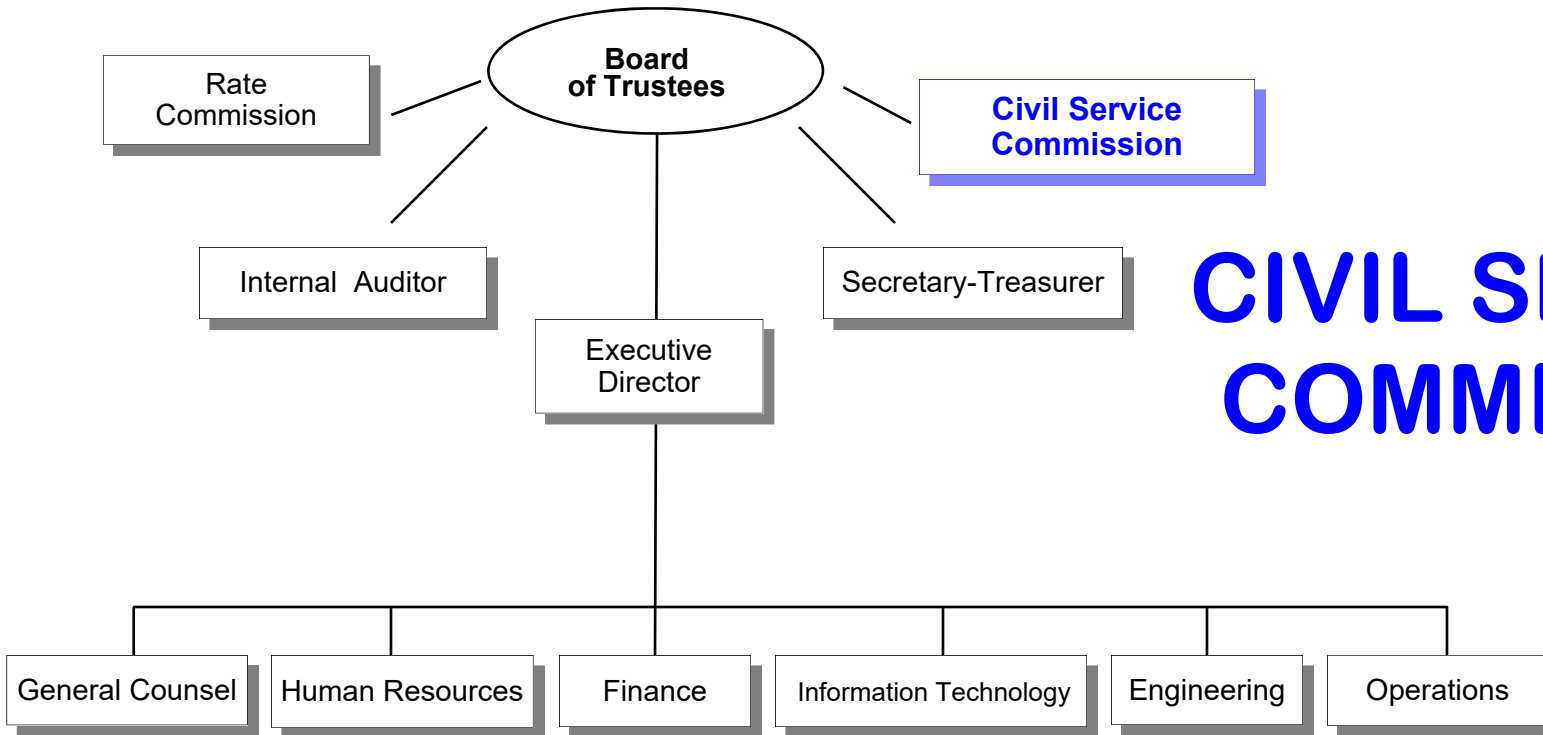


METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T1410 - Rate Commission Total

	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
52320 Office Supplies	17	-	-	-	500	-	-
52390 Administrative Supplies	243	-	-	-	500	-	-
Total Supplies	\$260	\$ -	\$ -	\$ -	\$1,000	\$ -	\$ -
54080 Advertising Services	194	(16)	-	-	250,000	-	-
54180 Courier And Freight	-	-	-	-	1,000	-	-
54520 Professional Service	4,342	-	-	-	450,000	-	-
Total Contractual Services	\$4,535	\$16	\$ -	\$ -	\$701,000	\$ -	\$ -
Total General Fund Operating Expense	\$4,795	\$16	\$ -	\$ -	\$702,000	\$ -	\$ -



FY23 BUDGET



CIVIL SERVICE COMMISSION



Civil Service Commission

Mission

The Civil Service Commission shall:

1. Advise the Board, Executive Director, and Human Resources Director on problems concerning personnel administration.
2. Make any investigation which it may consider desirable concerning personnel administration in the District service.
3. Recommend Civil Service Rules and revisions to the Civil Service Rules, to the Board.
4. Hear appeals from disciplinary action, administrative action, and other matters within the jurisdiction of the Commission.
5. Advise, assist, and cooperate in fostering the interest of institutions of learning and civic, professional, and employee organizations in the improvement of personnel standards and conditions in the District.

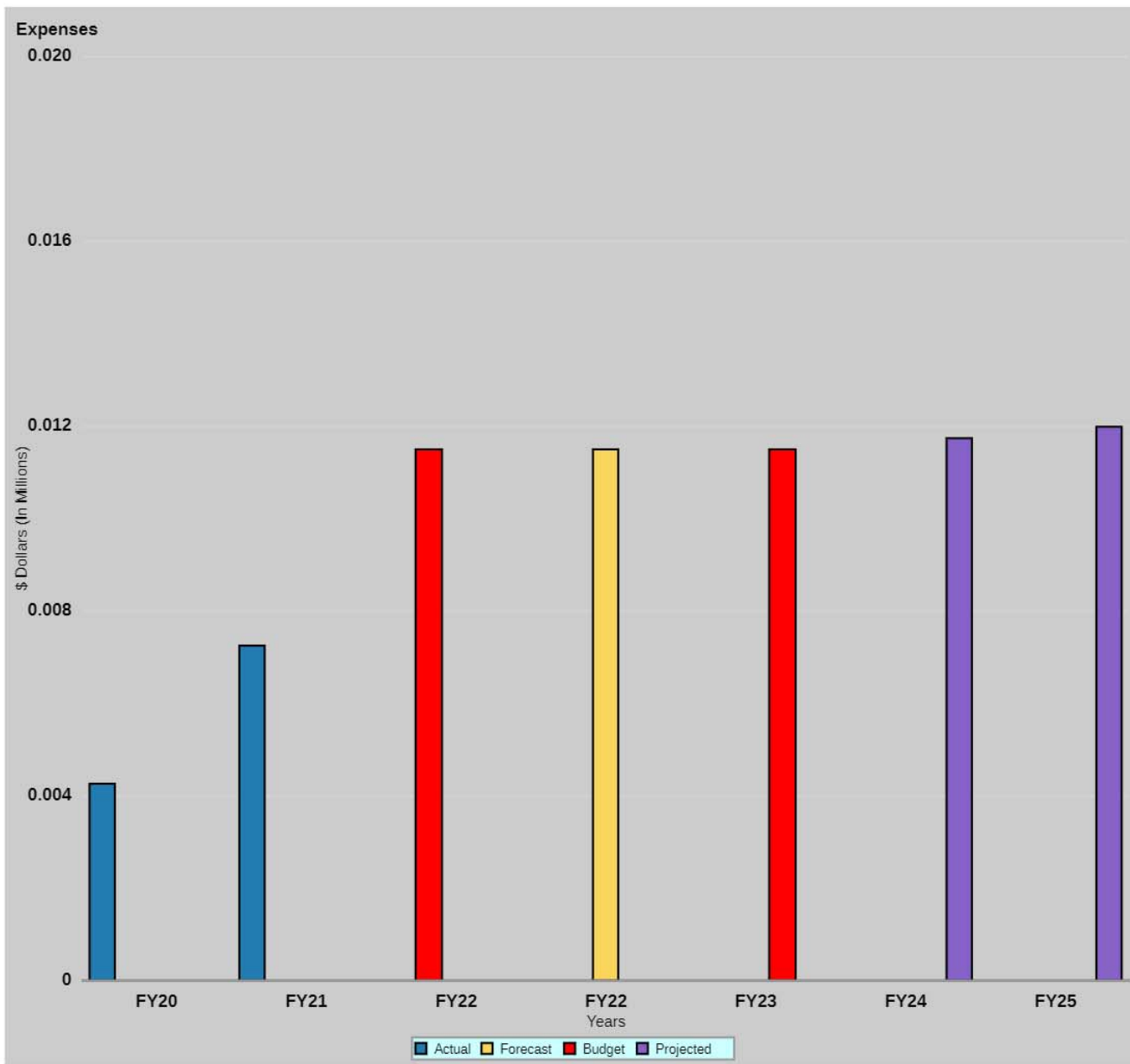
DESCRIPTION OF SERVICES

There shall be a civil service commission to hold public hearings upon proposed Civil Service Rules recommended by the Human Resources Director or by the Civil Service Commission. After such hearing, the Commission shall approve or reject the rules wholly or in part, or may modify them and approve them as so modified. The rules approved by the Commission shall then be submitted to the Board and shall become effective when adopted by ordinance. Such rules and ordinances shall include such provisions as may be necessary to establish a merit system for all positions in the classified service, and shall include a prohibition against the appointment, promotion, reduction, suspension, or removal of any officer or employee in the classified service, or seeking admission thereto, without just cause or because of his race, creed or color, or because of his political, religious, or union opinions or affiliations, except affiliations with any group or organization which seeks or advocates the overthrow of the government of the United States by force or violence or because of any other reason prohibited by law.

Civil Service Commission

		FY20	FY21	FY22	FY22	FY23	FY24	FY25
<u>EXPENDITURE SUMMARY - CATEGORY</u>		<u>Actual</u>	<u>Actual</u>	<u>Budget</u>	<u>Forecast</u>	<u>Budget</u>	<u>Projected</u>	<u>Projected</u>
51000	Personnel Expenses	\$1,023	\$1,745	\$2,500	\$2,500	\$2,500	\$2,553	\$2,606
52000	Supplies	-	1,825	2,500	2,500	2,500	2,553	2,606
53000	Usage	-	-	-	-	-	-	-
54000	Contractual Services	3,242	3,683	6,500	6,500	6,500	6,637	6,776
55000	Capital Outlay	-	-	-	-	-	-	-
TOTAL EXPENSES		<u>\$4,265</u>	<u>\$7,253</u>	<u>\$11,500</u>	<u>\$11,500</u>	<u>\$11,500</u>	<u>\$11,742</u>	<u>\$11,988</u>

Civil Service Commission

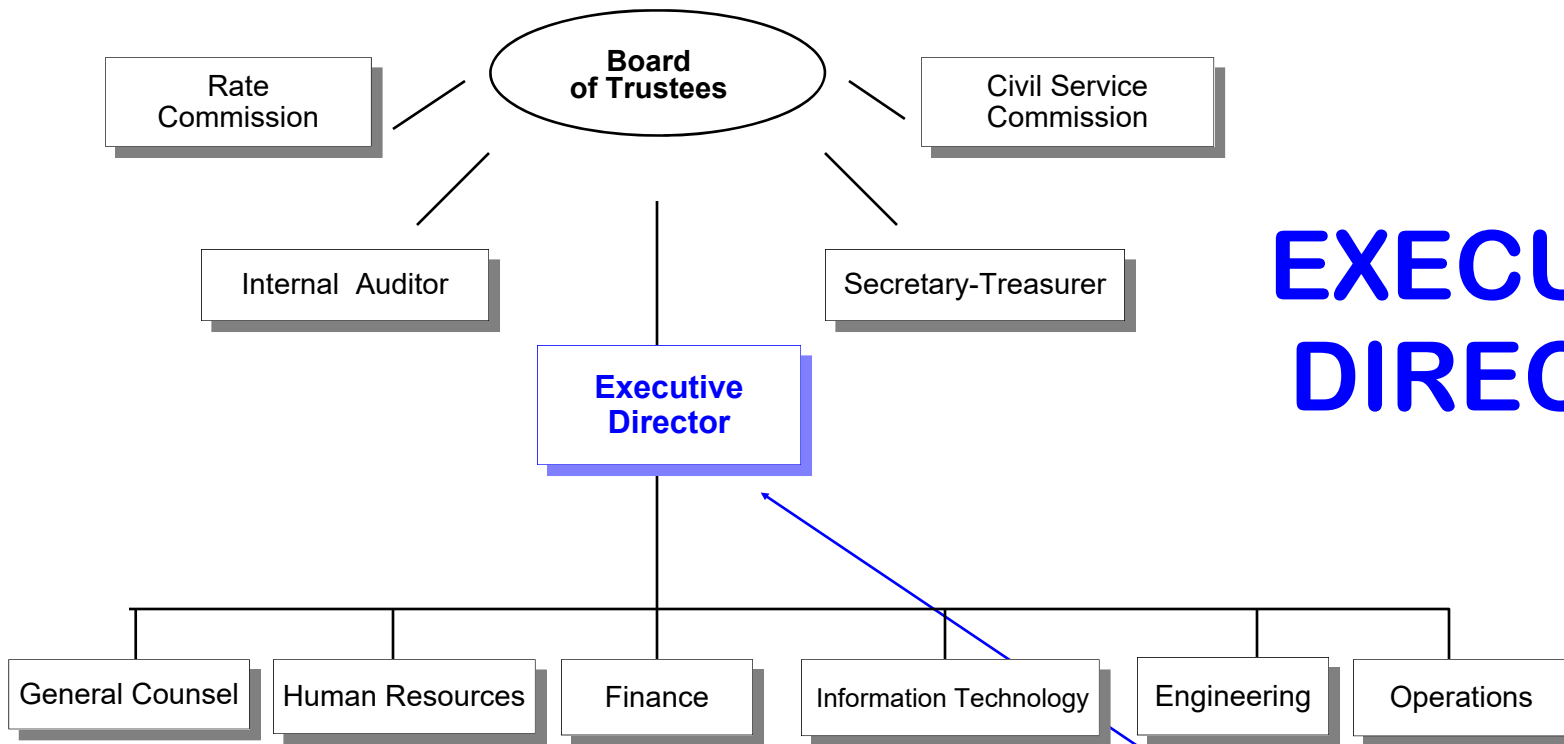


**METROPOLITAN ST. LOUIS SEWER DISTRICT
 FY23 General Fund Budget and Two Year Projection
 T2020 - Civil Service Commission Total**

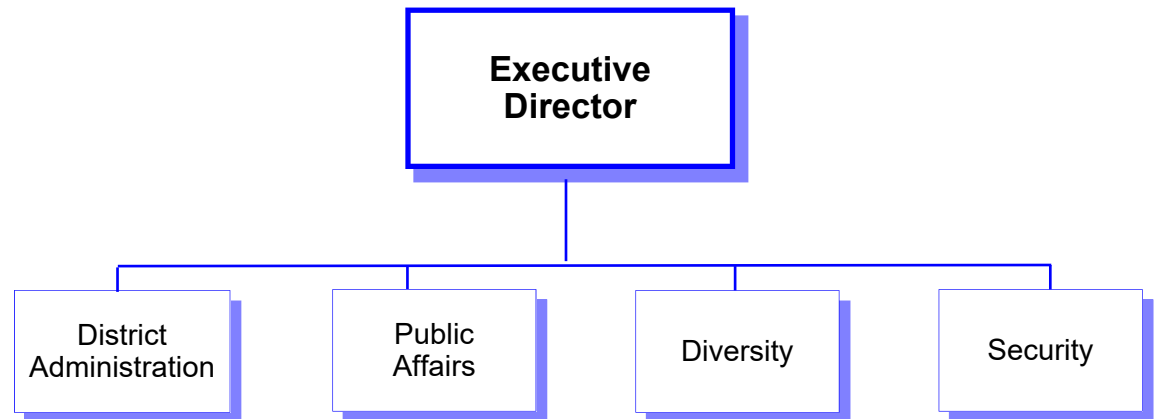
	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
51090 Civil Service Commision Fees	1,023	1,745	2,500	2,500	2,500	2,552	2,606
Total Personnel Services	\$1,023	\$1,745	\$2,500	\$2,500	\$2,500	\$2,552	\$2,606
52090 Electrical Supplies	-	27	-	-	-	-	-
52390 Administrative Supplies	-	1,798	2,500	2,500	2,500	2,552	2,606
Total Supplies	\$ -	\$1,825	\$2,500	\$2,500	\$2,500	\$2,552	\$2,606
54180 Courier And Freight	-	-	1,500	1,500	1,500	1,531	1,564
54520 Professional Service	3,242	3,683	5,000	5,000	5,000	5,105	5,212
Total Contractual Services	\$3,242	\$3,683	\$6,500	\$6,500	\$6,500	\$6,636	\$6,776
Total General Fund Operating Expense	\$4,265	\$7,253	\$11,500	\$11,500	\$11,500	\$11,741	\$11,988



FY23 BUDGET



EXECUTIVE DIRECTOR



Executive Director

Mission

The Mission of the Executive Director's Department is to ensure all affairs of the District are in accordance with the District's Charter, the policies of the Board of Trustees, inform and engage stakeholders regarding the services they receive from MSD, and the District's importance to the community.

Fiscal Year 2021 Accomplishments

1. Develop draft employee talking points protocol for Stormwater Capital Program.
(Strategy 1, Objective 1)
2. Gathered employee input for employee talking points protocol for Stormwater Capital Program.
(Strategy 1, Objective 1)
3. Developed plan to engage stakeholder groups for specific deliverables for Stormwater Capital Program.
(Strategy 1, Objectives 1 & 2)
4. Develop and execute communications plan for Wastewater Bond Election in April 2024.
(Strategy 1, Objectives 1 & 2)
5. Develop and execute communications plan for Stormwater Bond Election in April 2024.
(Strategy 1, Objectives 1 & 2)
6. Evaluate leveraging MSD's 70th anniversary in 2024 in conjunction with the stormwater initiative.
(Strategy 1, Objective 1)

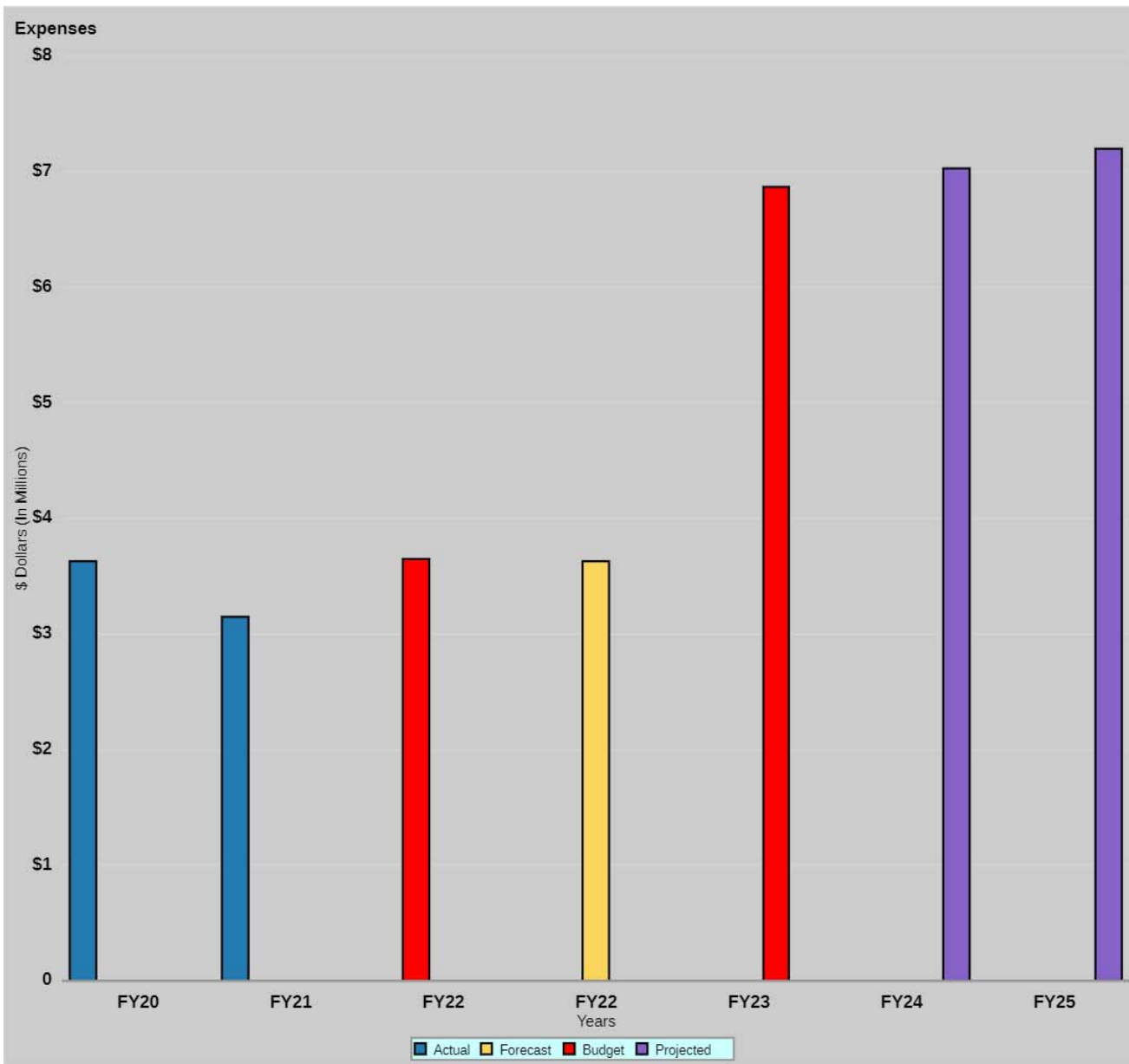


Department FY23 Strategic Business Plan			FY23											
District Strategies	Objectives	Milestones	Q1			Q2			Q3			Q4		
			1	Educate and partner with stakeholders to build support										
	1.	Execute Community Outreach Programs and Engagement Programs												
		d) Lead education and outreach activities among key stakeholders and community partners to advance public understanding and awareness of MSD's roles and initiatives in improving the environmental quality within MSD's service area.												
		f) Implement communications platform (MSDPC Connect) to keep stakeholders informed of District related Capital Project activities.												
	3.	Execute Diversity and associated Outreach Programs												
		b) Continue collaboration and outreach with youth programs focused on early development of construction industry workers.												
		c) Collaborate with area programs focused on increasing opportunities for hiring low income, unemployed and underemployed individuals for District projects.												
		e) Leverage 10-year anniversary of Community Benefits Agreement to increase awareness of MSD programs and positive impacts in the community.												
2	Manage the District's costs and revenues to optimize financial impacts.													
	3.	Maximize Long-Term Financing Plans for District Needs												
		d) Start Rate Commission process and convene the Commission.												
		e) Prepare and submit the FY 25-28 Rate change Proposal to the Rate Commission.												
4	Promote appropriate standards through proactive regulatory and legislative involvement.													
	1.	Participate in Stakeholder Groups to Develop Sound Technical Basis for Regulatory Issues												
		a) Participate in Missouri-led stakeholder meetings on Clean Water Act permit fees and advocate for an equitable fee structure.												
	2.	Promote Appropriate Regulatory and Legislative Initiatives that Impact All Areas of District Operations												
		a) Advocate for reasonable and affordable numeric nutrient wastewater effluent limits.												
		b) Renew the regional General Permit 44 issued by the U.S. Army Corps of Engineers to streamline stormwater and sanitary sewer infrastructure maintenance and repair.												
5	Address customer and regulatory needs through a comprehensive infrastructure management program.													
	1.	Implement Stormwater Operating and Capital Improvement Program												
		a) Implement FY 2023 stormwater CIRP program based on funds generated from reinstated OMCI taxes to address flooding and erosion including the addition of the Gravois Creek OMCI.												
6	Create a learning and business-oriented culture based on competency and accountability.													
	2.	Improve Organizational Effectiveness through Leadership Development and Succession Management												
		a) Identify key positions that may be at risk of vacancy within the next 3-5 years and then assess the knowledge, skills, and abilities needed to support business continuity.												
	4.	Implement safety and security training to support a safe work environment												
		a) Assess security monitoring and access issues in the field and at all facilities.												
		b) Identify gaps in security, safety and incident response and reporting.												

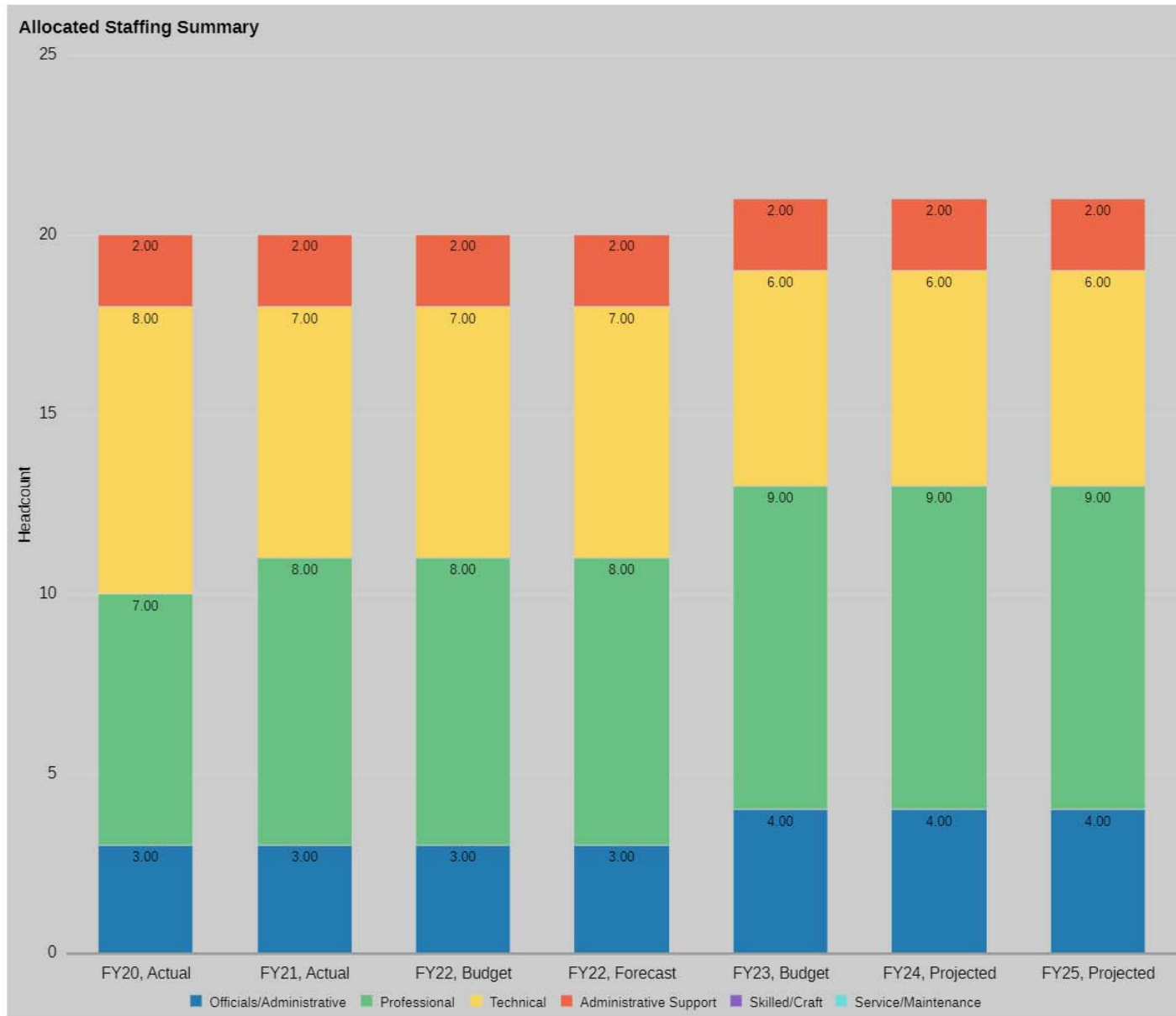
Executive Director Department

		FY20	FY21	FY22	FY22	FY23	FY24	FY25
EXPENDITURE SUMMARY - DIVISION		Actual	Actual	Budget	Forecast	Budget	Projected	Projected
Executive Director		\$543,385	\$547,522	\$577,937	\$631,124	\$598,976	\$609,855	\$625,437
Public Affairs		1,805,542	1,245,853	1,637,794	1,645,959	1,618,894	1,658,789	1,699,864
Diversity		1,284,482	1,359,405	1,434,196	1,351,818	1,492,035	1,531,105	1,578,925
Security		-	-	-	-	3,159,270	3,226,253	3,294,666
TOTAL EXPENSES		\$3,633,409	\$3,152,780	\$3,649,928	\$3,628,901	\$6,869,175	\$7,026,001	\$7,198,892
EXPENDITURE SUMMARY - CATEGORY								
51000	Personnel Expenses	\$2,102,143	\$2,150,414	\$2,330,436	\$2,309,267	\$2,548,603	\$2,614,366	\$2,694,266
52000	Supplies	42,036	23,403	39,920	39,520	46,620	47,599	48,599
53000	Usage	13,425	13,002	12,000	12,100	10,450	10,973	11,521
54000	Contractual Services	1,475,804	965,961	1,267,571	1,268,014	4,263,502	4,353,063	4,444,507
55000	Capital Outlay	-	-	-	-	-	-	-
TOTAL EXPENSES		\$3,633,409	\$3,152,780	\$3,649,928	\$3,628,901	\$6,869,175	\$7,026,001	\$7,198,892
ALLOCATED STAFFING SUMMARY								
Officials/Administrative		3.00	3.00	3.00	3.00	4.00	4.00	4.00
Professional		7.00	8.00	8.00	8.00	9.00	9.00	9.00
Technical		8.00	7.00	7.00	7.00	6.00	6.00	6.00
Administrative Support		2.00	2.00	2.00	2.00	2.00	2.00	2.00
Skilled/Craft		-	-	-	-	-	-	-
Service/Maintenance		-	-	-	-	-	-	-
TOTAL POSITIONS		20.00	20.00	20.00	20.00	21.00	21.00	21.00

Executive Director Department



Executive Director Department

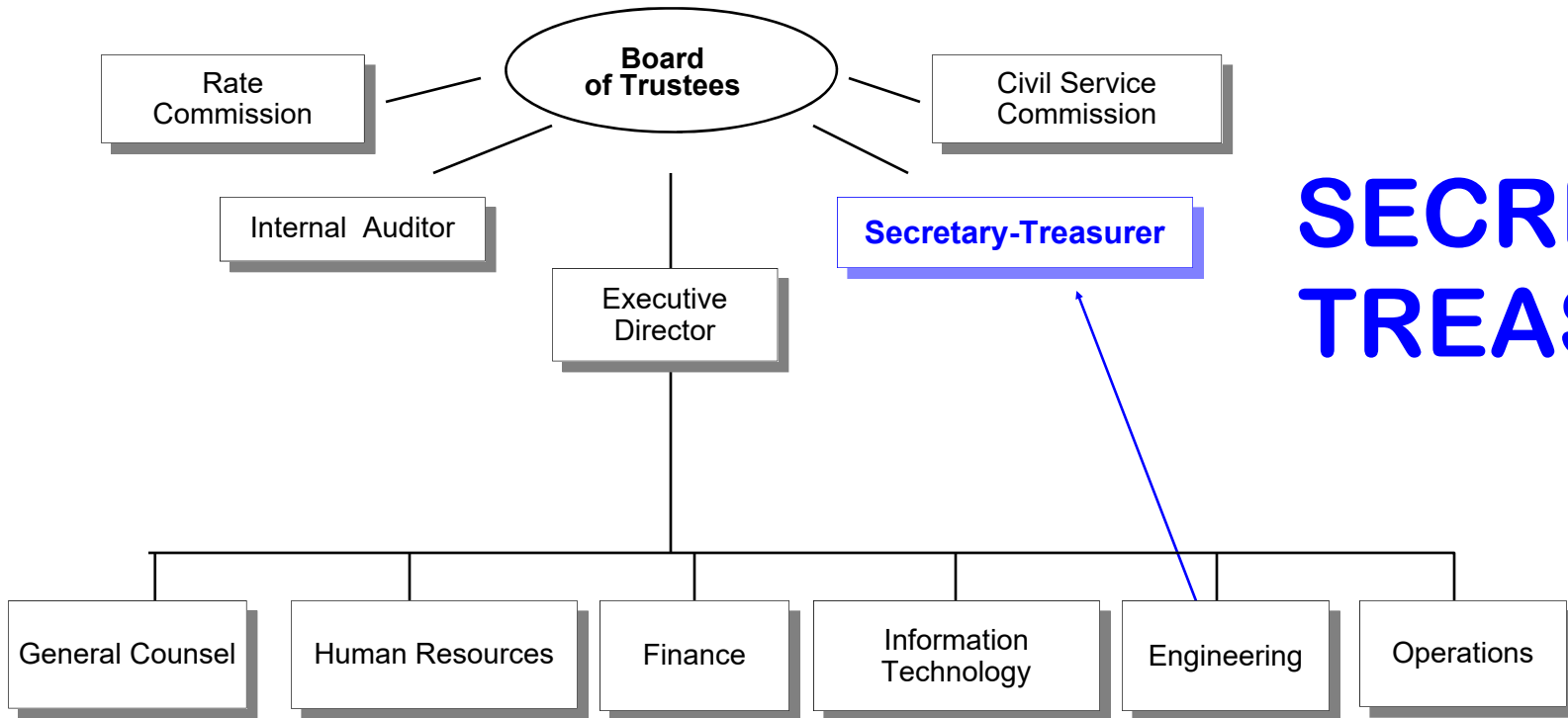


METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T3000 - Executive Director Department Total

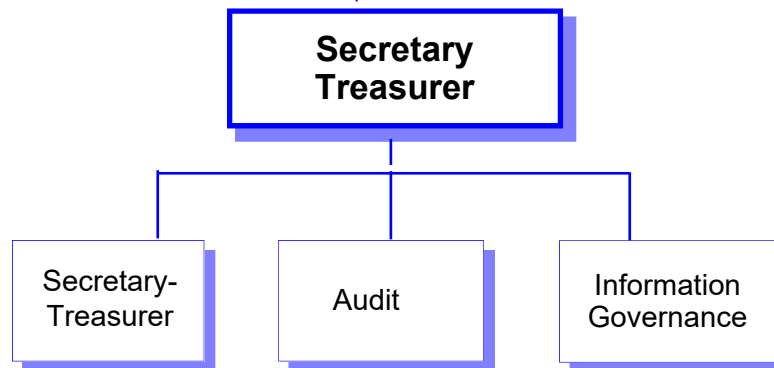
	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
51010 Salaries & Wages	1,427,362	1,464,163	1,574,435	1,567,954	1,717,551	1,769,077	1,822,150
51020 Overtime	-	8	-	-	-	-	-
51100 Emp Service & Incentive Awards	-	4,500	9,000	5,000	5,000	5,105	5,212
51120 Membership & Licensing Fees	127,137	117,862	131,755	131,755	134,468	137,292	140,175
51210 FICA Taxes	98,373	101,865	120,444	104,057	131,393	135,334	139,394
51220 Group Insurance	177,231	173,780	224,884	199,490	237,022	255,347	275,125
51230 Pension Contributions-Defined Benefit Plan	196,904	212,136	201,073	215,238	224,682	213,722	213,722
51231 Pension Contributions-Defined Contribution Plan	75,136	61,096	49,175	68,331	76,602	76,602	76,602
51233 DC Plan-Matching Contributions	-	15,005	19,670	17,442	21,886	21,886	21,886
Total Personnel Services	\$2,102,143	\$2,150,414	\$2,330,436	\$2,309,267	\$2,548,603	\$2,614,366	\$2,694,266
52070 Hardware	4	-	-	-	-	-	-
52090 Electrical Supplies	78	-	-	-	-	-	-
52100 Instrument Supplies	4	-	-	-	-	-	-
52170 Safety Supplies	164	-	-	-	-	-	-
52280 Uniforms	4,368	-	-	-	-	-	-
52300 Safety Footwear	1,725	2,302	3,000	3,000	3,250	3,318	3,388
52310 Telephone/Communic Equip/Suppl	605	288	-	-	-	-	-
52320 Office Supplies	2,200	3,920	2,770	2,470	3,270	3,339	3,409
52330 Computer Supplies	3,274	240	-	-	1,500	1,531	1,564
52340 Computer Equipment - Non-Capital	919	1,562	-	-	1,500	1,531	1,564
52370 Photo & Video Supplies	823	139	2,000	2,000	4,000	4,084	4,170
52380 Publications/Training Supplies	779	253	750	750	750	766	782
52390 Administrative Supplies	25,265	14,699	31,400	31,300	32,350	33,029	33,723
52400 Furniture & Office Equipment - Non-Capital	1,828	-	-	-	-	-	-
Total Supplies	\$42,036	\$23,403	\$39,920	\$39,520	\$46,620	\$47,599	\$48,599
53270 Telephone Usage	13,425	13,002	12,000	12,100	10,450	10,973	11,521
Total Usage	\$13,425	\$13,002	\$12,000	\$12,100	\$10,450	\$10,973	\$11,521
54050 Office System Services	14,900	-	450	370	450	459	469
54060 Printing Services	5,748	10,000	10,000	10,000	10,000	10,210	10,424
54080 Advertising Services	132,607	139,103	158,000	158,000	155,500	158,765	162,100
54100 Travel Expenses	12,571	230	5,221	5,994	18,432	18,819	19,214

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T3000 - Executive Director Department Total

	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
54120 Photo Services	6,000	-	7,500	6,000	7,500	7,657	7,818
54140 Training Programs/Seminar Fees	7,245	1,470	5,050	5,050	11,520	11,762	12,009
54180 Courier And Freight	400	-	50	50	50	51	52
54520 Professional Service	1,120,377	584,020	878,800	878,800	3,859,200	3,940,243	4,022,988
54530 Building Repairs & Services	0	-	-	-	-	-	-
54560 Motor Vehicle Services	1,587	2,953	3,500	5,000	3,100	3,193	3,289
54710 Community Outreach Programs	174,368	228,185	199,000	198,750	197,750	201,903	206,143
Total Contractual Services	\$1,475,804	\$965,961	\$1,267,571	\$1,268,014	\$4,263,502	\$4,353,063	\$4,444,507
Total General Fund Operating Expense	\$3,633,409	\$3,152,780	\$3,649,928	\$3,628,901	\$6,869,175	\$7,026,001	\$7,198,892



SECRETARY-TREASURER



Secretary-Treasurer

Mission

Secretary/Treasurer serves as Secretary to the Board of Trustees, manages District funds, provides administrative support and oversight to the Audit function and the Information Governance program, and provides service to all customers.

Fiscal Year 2021 Accomplishments

1. Maintained FY21 department spend at levels outlined in the 2019 Rate Commission. ([Strategy 2, Objective 2](#))
2. Secured approximately \$157 million of Senior Bonds proceeds for capital improvements. ([Strategy 2, Objective 3](#))
3. Secured approximately \$125 million of Subordinated Debt for capital improvements. ([Strategy 2, Objective 3](#))
4. Refunded \$11.4 million of outstanding bonds with new tax-exempt bonds, reducing future debt service payments by \$7.5 million. ([Strategy 2, Objective 3](#))
5. Amended 2 Subordinated Debt loan agreements to reduce future debt service by \$2.8 million. ([Strategy 2, Objective 3](#))
6. Continued to maintain strong credit ratings with all three rating agencies: S & P (AAA rating), Moody's (Aa1 rating), and Fitch (AA+ rating) ([Strategy 2, Objective 3](#))
7. Updated policies and continued training and implementation of Electronic Records Cleanup and Enterprise Content Management solution pursuant to the Information Governance Plan. ([Strategy 3, Objective 1](#))

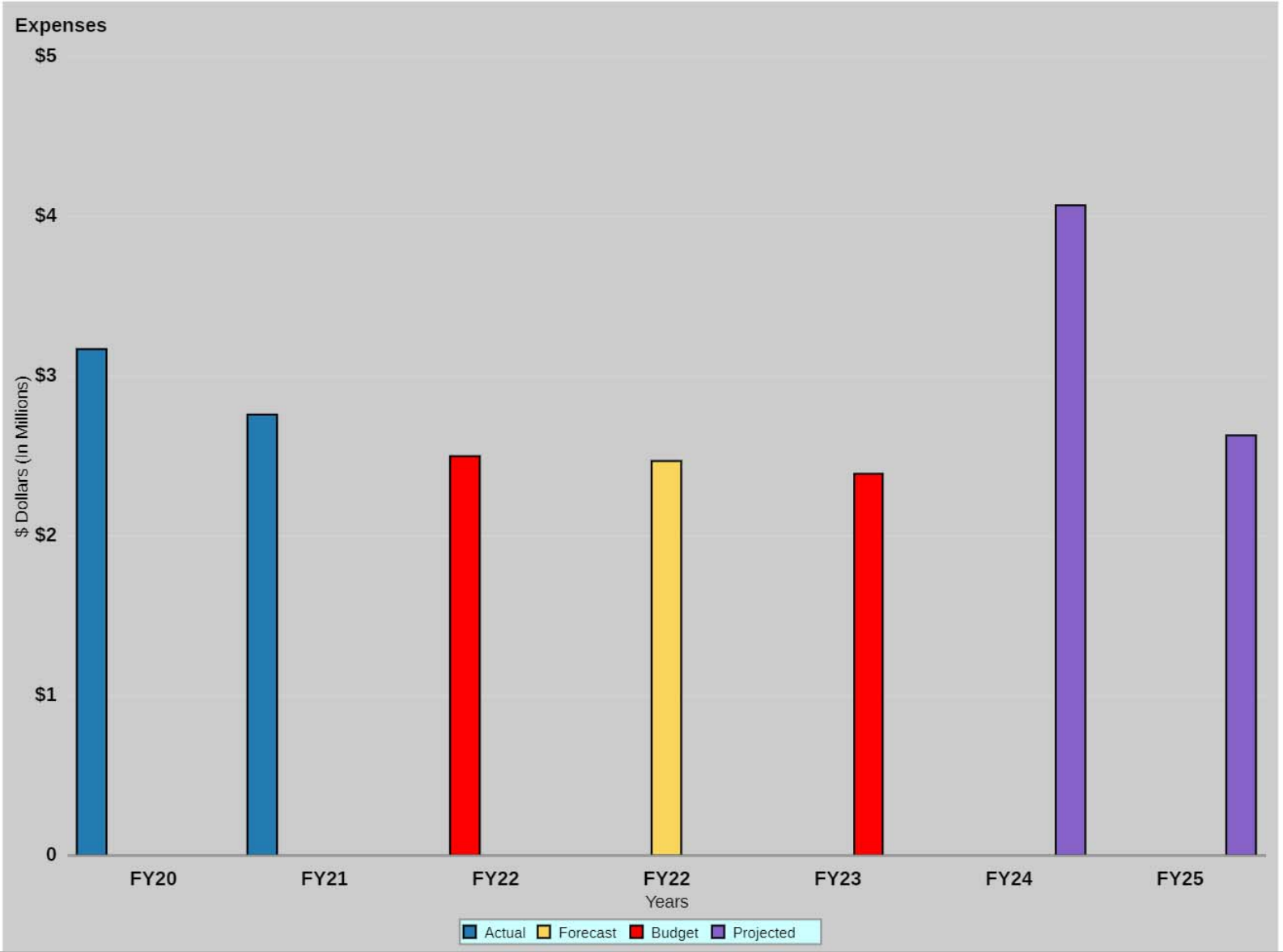


Department FY23 Strategic Business Plan			FY23														
District Strategies	Objectives	Milestones	Q1			Q2			Q3			Q4					
2	Manage the District's costs and revenues to optimize financial impacts.																
	2.	Identify and Implement Cost Savings Initiatives															
		a) Continue implementation of integrated payables (i.e., e-payments) and evaluate results.															
	3.	Maximize Long-Term Financing Plans for District Needs															
		d) Start Rate Commission process and convene the Commission.															
		e) Prepare and submit the FY 25-28 Rate change Proposal to the Rate Commission.															
3	Integrate and improve the District's business processes.																
	1.	Implement Information Governance Program That Meets the District's Records & Information Discovery, Compliance and Information Security Policies.															
		a) Complete inaugural Information Governance audit.															
		b) Address and mitigate risk identified by the District-wide Data Risk Assessment for data stored in IT Systems.															
	3.	Oracle EBS Upgrade and Outsources Payroll & Benefits															
		a) Continue implementation of HRMS, Finance, Treasury, Capital Projects and Purchasing.															
		b) User Acceptance, Training, and Go Live.															
5	Address customer and regulatory needs through a comprehensive infrastructure management program.																
	1.	Implement Stormwater Operating and Capital Improvement Program															
		a) Implement FY 2023 stormwater CIRP program based on funds generated from reinstated OMCI taxes to address flooding and erosion including the addition of the Gravois Creek OMCI.															
	4.	Enhance Reliability of Information Technology Infrastructure															
		b) Complete the development of the Technology Security Risk Program through the introduction of additional governance processes, policies and an employee security awareness program to further protect MSD hardware/software/information assets.															
		c) Continue to develop a Master Data Management (MDM) Program Strategy and associated technical infrastructure to centralize, manage and govern enterprise data (Customer, Address Parcel Owner, lateral and horizontal assets).															
6	Create a learning and business-oriented culture based on competency and accountability.																
	2.	Improve Organizational Effectiveness through Leadership Development and Succession Management															
		a) Identify key positions that may be at risk of vacancy within the next 3-5 years and then assess the knowledge, skills, and abilities needed to support business continuity.															

Secretary-Treasurer Department

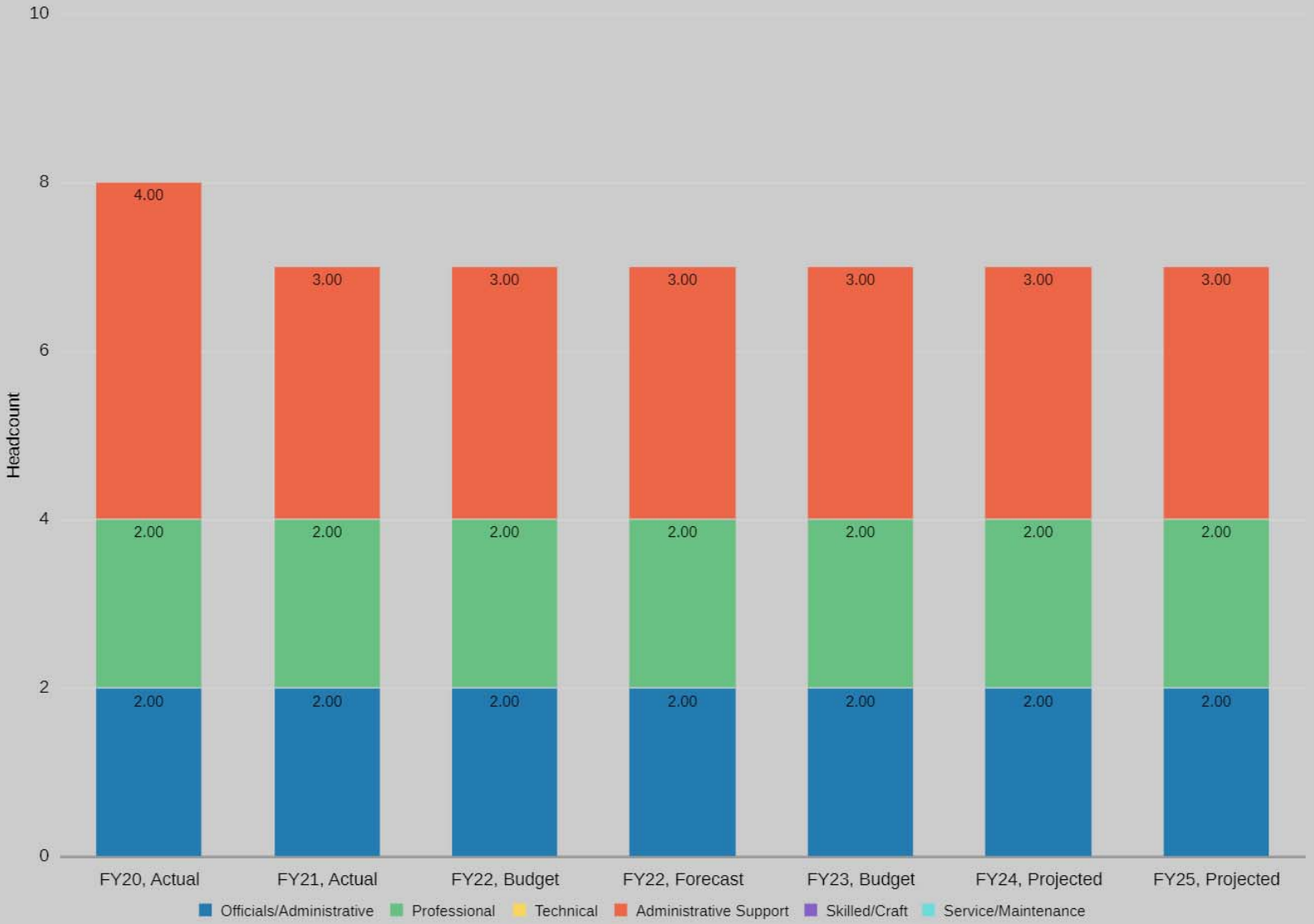
		FY20	FY21	FY22	FY22	FY23	FY24	FY25
EXPENDITURE SUMMARY - DIVISION		Actual	Actual	Budget	Forecast	Budget	Projected	Projected
Secretary - Treasurer		\$2,294,036	\$1,764,743	\$1,228,699	\$1,230,368	\$1,315,906	\$2,847,167	\$1,382,655
Audit Work		556,309	615,344	860,378	860,826	682,002	697,542	713,433
Information Governance		317,453	379,816	415,002	378,538	395,017	526,328	536,282
TOTAL EXPENSES		\$3,167,797	\$2,759,903	\$2,504,079	\$2,469,733	\$2,392,924	\$4,071,038	\$2,632,370
EXPENDITURE SUMMARY - CATEGORY								
51000	Personnel Expenses	\$874,015	\$893,855	\$918,695	\$877,488	\$956,880	\$1,104,861	\$1,135,468
52000	Supplies	9,642	1,221	8,500	8,500	8,250	8,423	8,600
53000	Usage	-	-	-	-	-	-	-
54000	Contractual Services	2,288,141	1,864,826	1,570,884	1,577,745	1,424,794	2,954,691	1,485,174
55000	Capital Outlay	(4,000)	-	6,000	6,000	3,000	3,063	3,127
TOTAL EXPENSES		\$3,167,797	\$2,759,903	\$2,504,079	\$2,469,733	\$2,392,924	\$4,071,038	\$2,632,370
ALLOCATED STAFFING SUMMARY								
Officials/Administrative		2.00	2.00	2.00	2.00	2.00	2.00	2.00
Professional		2.00	2.00	2.00	2.00	2.00	2.00	2.00
Technical		-	-	-	-	-	-	-
Administrative Support		4.00	3.00	3.00	3.00	3.00	3.00	3.00
Skilled/Craft		-	-	-	-	-	-	-
Service/Maintenance		-	-	-	-	-	-	-
TOTAL POSITIONS		8.00	7.00	7.00	7.00	7.00	7.00	7.00

Secretary-Treasurer Department



Secretary-Treasurer Department

Allocated Staffing Summary



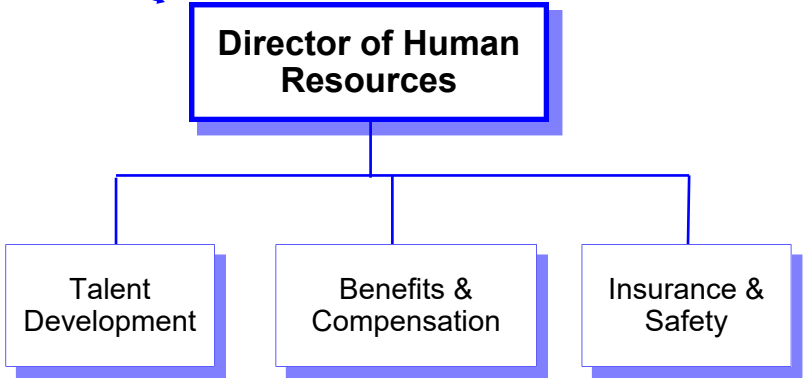
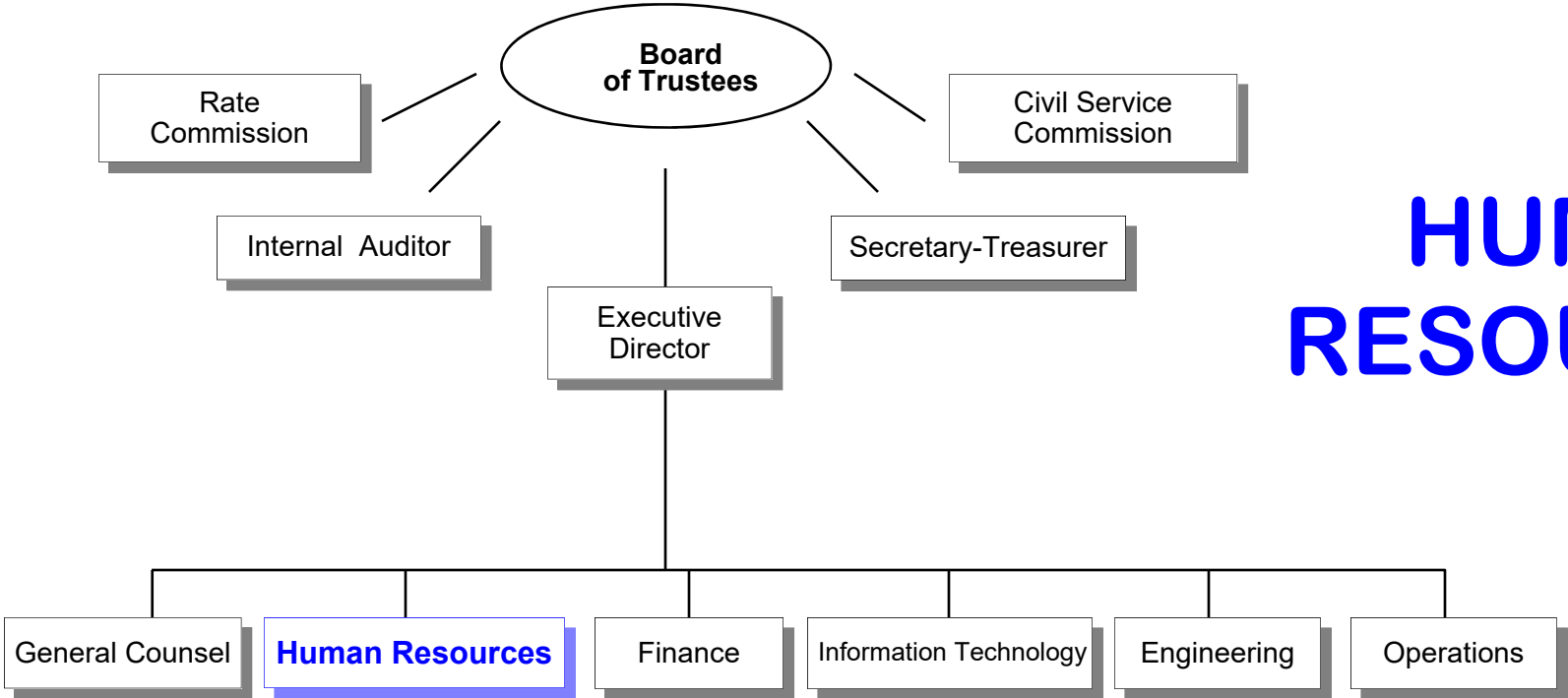
METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T1100 - Secretary Treasurer Department Total

	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
51010 Salaries & Wages	651,491	668,963	678,774	655,113	702,584	819,861	841,571
51020 Overtime	131	66	-	-	-	-	-
51120 Membership & Licensing Fees	2,609	2,216	3,279	3,279	3,895	3,954	4,014
51210 FICA Taxes	44,361	46,161	51,926	41,617	53,748	62,719	64,380
51220 Group Insurance	78,804	74,817	93,332	76,219	86,097	104,426	111,603
51230 Pension Contributions-Defined Benefit Plan	55,127	58,699	55,545	59,931	62,660	59,603	59,603
51231 Pension Contributions-Defined Contribution Plan	41,493	35,208	25,599	33,530	37,253	43,653	43,653
51233 DC Plan-Matching Contributions	-	7,725	10,239	7,799	10,644	10,644	10,644
Total Personnel Services	\$874,015	\$893,855	\$918,695	\$877,488	\$956,880	\$1,104,861	\$1,135,468
52020 Motor Vehicle Parts & Equip	8	-	-	-	-	-	-
52320 Office Supplies	785	571	1,800	1,800	1,300	1,327	1,355
52330 Computer Supplies	17	-	-	-	-	-	-
52380 Publications/Training Supplies	4,608	650	6,000	6,000	6,250	6,381	6,515
52390 Administrative Supplies	223	-	700	700	700	715	730
52400 Furniture & Office Equipment - Non-Capital	4,000	-	-	-	-	-	-
Total Supplies	\$9,642	\$1,221	\$8,500	\$8,500	\$8,250	\$8,423	\$8,600
54050 Office System Services	11,031	24,012	25,000	31,861	40,000	40,840	41,698
54080 Advertising Services	8,783	6,524	25,000	25,000	10,000	10,210	10,424
54100 Travel Expenses	5,069	5,272	3,375	3,375	7,994	8,191	8,350
54140 Training Programs/Seminar Fees	2,214	4,000	3,800	3,800	3,200	3,215	3,230
54160 Data Imaging Services	-	7,452	-	-	15,000	15,315	15,637
54180 Courier And Freight	4,881	6,639	7,000	7,000	10,000	10,210	10,424
54190 Property & Other Space Rental	46,369	40,000	-	-	42,000	42,882	43,783
54360 Banking Services Total	33,317	50,335	50,000	50,000	50,000	51,050	52,122
54370 Board Of Election Commission	82,510	647,438	-	-	-	1,500,000	-
54400 Judgments & Claims Settlements	-	47	-	-	-	-	-
54520 Professional Service	2,093,967	1,073,107	1,455,209	1,455,209	1,245,600	1,271,758	1,298,465
54530 Building Repairs & Services	-	-	1,500	1,500	1,000	1,021	1,042
Total Contractual Services	\$2,288,141	\$1,864,826	\$1,570,884	\$1,577,745	\$1,424,794	\$2,954,691	\$1,485,174
55090 Furniture & Office Equipment	(4,000)	-	3,000	3,000	1,500	1,531	1,564

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T1100 - Secretary Treasurer Department Total

	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
55110 Computer Equipment	-	-	3,000	3,000	1,500	1,531	1,564
Total Capital Outlay	\$4,000	\$ -	\$6,000	\$6,000	\$3,000	\$3,063	\$3,127
Total General Fund Operating Expense	\$3,167,797	\$2,759,903	\$2,504,079	\$2,469,733	\$2,392,924	\$4,071,038	\$2,632,370

HUMAN RESOURCES



Human Resources Mission

The Human Resources Department is a professional services team supporting a learning and business-oriented culture based on accountability, such that we:

- *Assist the District and its employees to enhance skills, performance, and work satisfaction*
- *Support the District to achieve the Strategic Business Operating Plan*
- *Ensure fair, equitable employee treatment and recognition*
- *Manage the District's loss prevention programs*

***We measure our success by our customers' satisfaction
with our performance in accomplishing mutual objectives.***

Fiscal Year 2021 Accomplishments:

TALENT DEVELOPMENT

1. Utilized LMS as a communications tool (Legal Holds, Policies, Updates, etc.). [\(Strategy 6, Objective 1\)](#)
2. Developed online safety training (DEC). [\(Strategy 6, Objective 3\)](#)
3. Pre-employment assessment utilization for various positions. [\(Strategy 6, Objective 1\)](#)
4. Revamped Training Agreements for MMT and Upward Mobility. [\(Strategy 6, Objective 3\)](#)
5. Interview training (for Interviewees). [\(Strategy 6, Objective 2\)](#)
6. Implemented Tuition Reimbursement (Educational Assistance Replacement). [\(Strategy 6, Objective 2\)](#)
7. Coordinated Training Program (CSTT, MMT, TPOT, Grade 13, and Upward Mobility). [\(Strategy 6, Objective 3\)](#)

BENEFITS & COMPENSATION

8. Reviewed Wellness Program which identified a need for a greater focus on preventive screenings. [\(Strategy 2, Objective 2\)](#)
9. Coordinated with Missouri Baptist to bring onsite mammogram screening for our employees. [\(Strategy 2, Objective 2\)](#)

INSURANCE & SAFETY

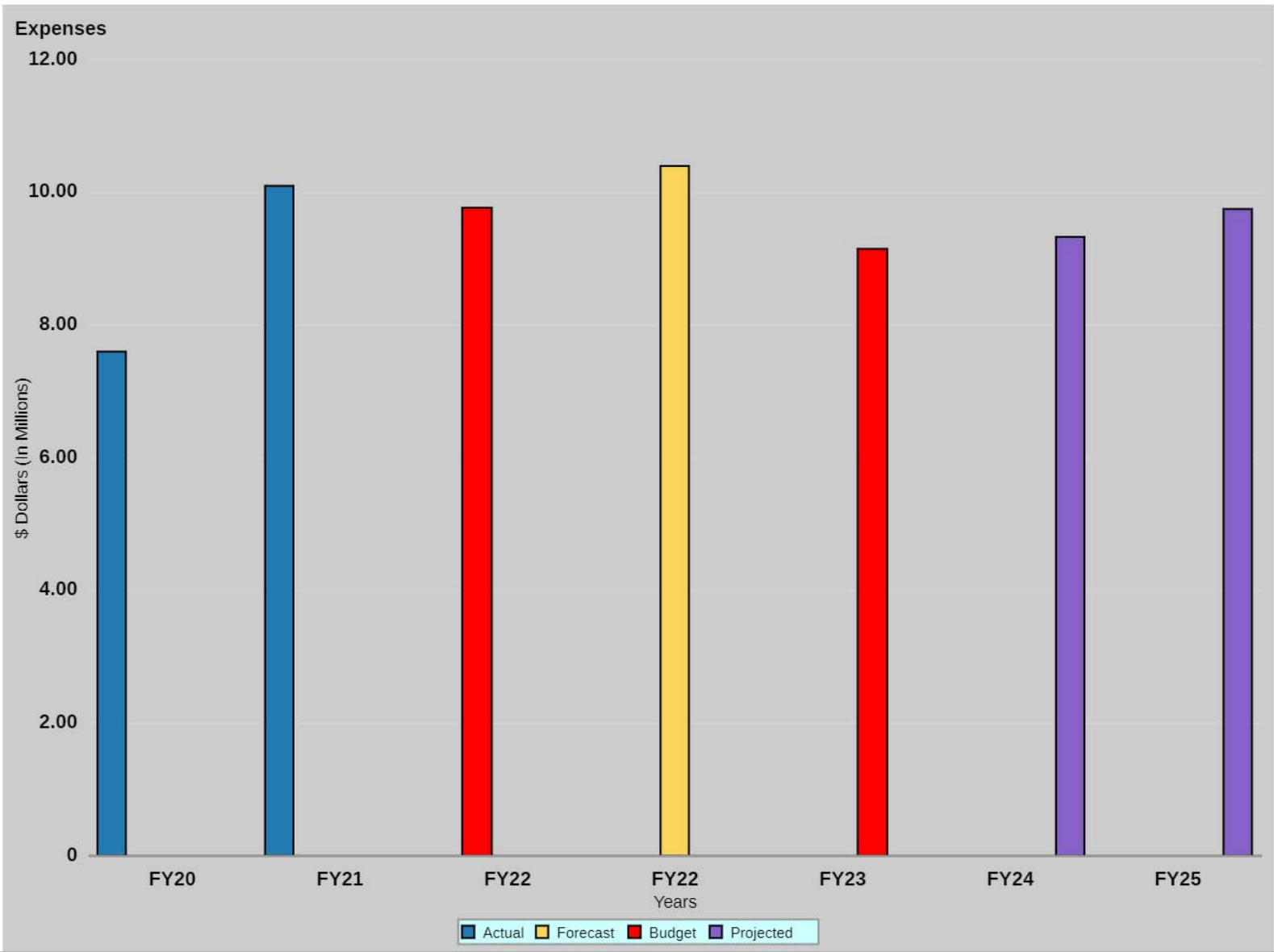
10. Contracted Hudson Security to conduct a risk/threats assessment with Operations Yard supervisors and employees. [\(Strategy 6, Objective 6\)](#)
11. Utilized collected data to expand security services in high crime areas where crews perform work. [\(Strategy 6, Objective 6\)](#)
12. Assessed and upgraded security monitoring equipment. Adjusted employee access control at all District facilities. [\(Strategy 6, Objective 6\)](#)
13. Established a Safety Plan and Job Hazard Analysis approach for Operations' Hazardous MHI Projects. [\(Strategy 2, Objective 2\)](#)
14. Utilized a TPA – TMG to conduct a safety audit and refine Safety Coordinator roles and responsibilities. [\(Strategy 2, Objective 2\)](#)
15. Met with all facility managers to discuss Worker's Compensation statistics & recommendations to decrease. [\(Strategy 6, Objective 3\)](#)

Department FY23 Strategic Business Plan			FY23											
District Strategies	Objectives	Milestones	Q1			Q2			Q3			Q4		
			1	Educate and partner with stakeholders to build support										
	3.	Execute Diversity and associated Outreach Programs												
		b) Continue collaboration and outreach with youth programs focused on early development of construction industry workers.												
		d) Identify opportunities which incentivizes women and minorities to enter and participate in the sewer construction industry.												
2	Manage the District's costs and revenues to optimize financial impacts.													
	2.	Identify and Implement Cost Savings Initiatives												
		b) If applicable, implement non-traditional benefits.												
		c) Implement any changes needed to the Wellness Program.												
		d) Conduct assessment of worker's compensation program and evaluate strategies for reducing cost.												
	3.	Maximize Long-Term Financing Plans for District Needs												
		e) Prepare and submit the FY 25-28 Rate change Proposal to the Rate Commission.												
3	Integrate and improve the District's business processes.													
	3.	Oracle EBS Upgrade and Outsources Payroll & Benefits												
		a) Continue implementation of HRMS, Finance, Treasury, Capital Projects and Purchasing.												
		b) User Acceptance, Training, and Go Live.												
	7.	Implement updated Construction Document Management System (PROLOG)												
		b) Complete training on construction management system.												
6	Create a learning and business-oriented culture based on competency and accountability.													
	1.	Increase Organizational Performance through Improved Communications												
		a) Complete and establish mandatory compliance training for all employees. Training will include employee workplace safety protocols and professional development.												
	2.	Improve Organizational Effectiveness through Leadership Development and Succession Management												
		a) Identify key positions that may be at risk of vacancy within the next 3-5 years and then assess the knowledge, skills, and abilities needed to support business continuity.												
	3.	Increase Individual Accountability and Job Satisfaction Through Continual Performance Coaching and Training												
		a) Create training courses for the enhanced Performance Management module of the Human Resources Information Management (HRIS) software.												

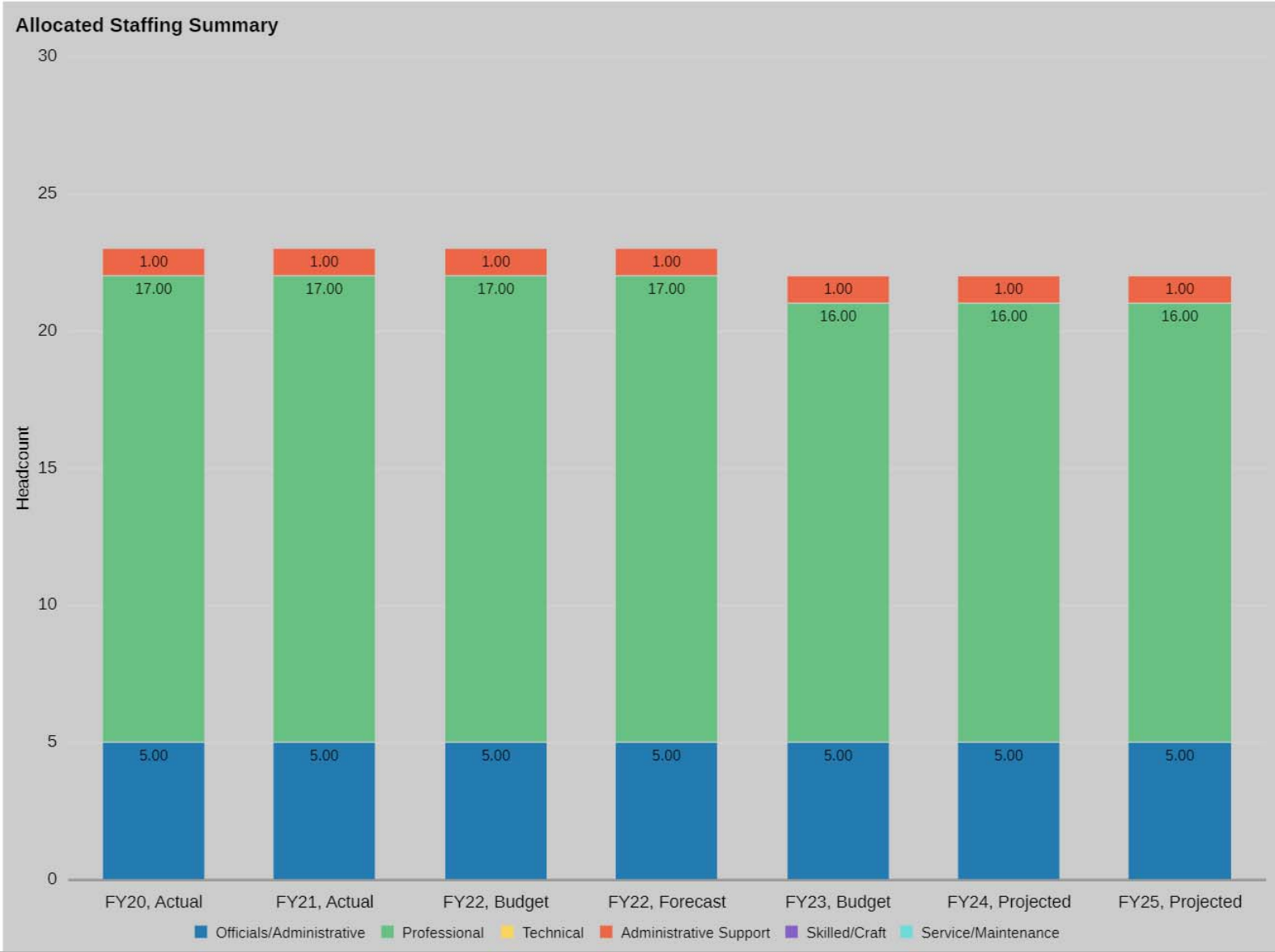
Human Resources Department

		FY20	FY21	FY22	FY22	FY23	FY24	FY25
EXPENDITURE SUMMARY - DIVISION		Actual	Actual	Budget	Forecast	Budget	Projected	Projected
Talent Development		\$1,416,858	\$1,275,771	\$2,844,644	\$3,744,903	\$2,852,341	\$2,978,526	\$3,113,662
Benefits & Compensation		4,864,165	7,350,822	5,720,975	5,706,160	5,123,628	5,144,829	5,391,677
Insurance & Safety Division		1,316,816	1,475,972	1,202,426	953,011	1,177,632	1,210,717	1,244,960
TOTAL EXPENSES		\$7,597,839	\$10,102,565	\$9,768,045	\$10,404,074	\$9,153,602	\$9,334,072	\$9,750,299
EXPENDITURE SUMMARY - CATEGORY								
51000	Personnel Expenses	\$6,474,313	\$8,664,121	\$7,352,183	\$6,942,972	\$7,454,514	\$7,854,521	\$8,239,752
52000	Supplies	29,564	25,505	56,850	56,850	57,850	59,065	60,305
53000	Usage	8,775	10,407	8,600	8,600	7,000	7,350	7,718
54000	Contractual Services	1,085,187	1,402,531	2,350,412	3,395,652	1,634,238	1,413,136	1,442,525
55000	Capital Outlay	-	-	-	-	-	-	-
TOTAL EXPENSES		\$7,597,839	\$10,102,565	\$9,768,045	\$10,404,074	\$9,153,602	\$9,334,072	\$9,750,299
ALLOCATED STAFFING SUMMARY								
Officials/Administrative		5.00	5.00	5.00	5.00	5.00	5.00	5.00
Professional		17.00	17.00	17.00	17.00	16.00	16.00	16.00
Technical		-	-	-	-	-	-	-
Administrative Support		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Skilled/Craft		-	-	-	-	-	-	-
Service/Maintenance		-	-	-	-	-	-	-
TOTAL POSITIONS		23.00	23.00	23.00	23.00	22.00	22.00	22.00

Human Resources Department



Human Resources Department

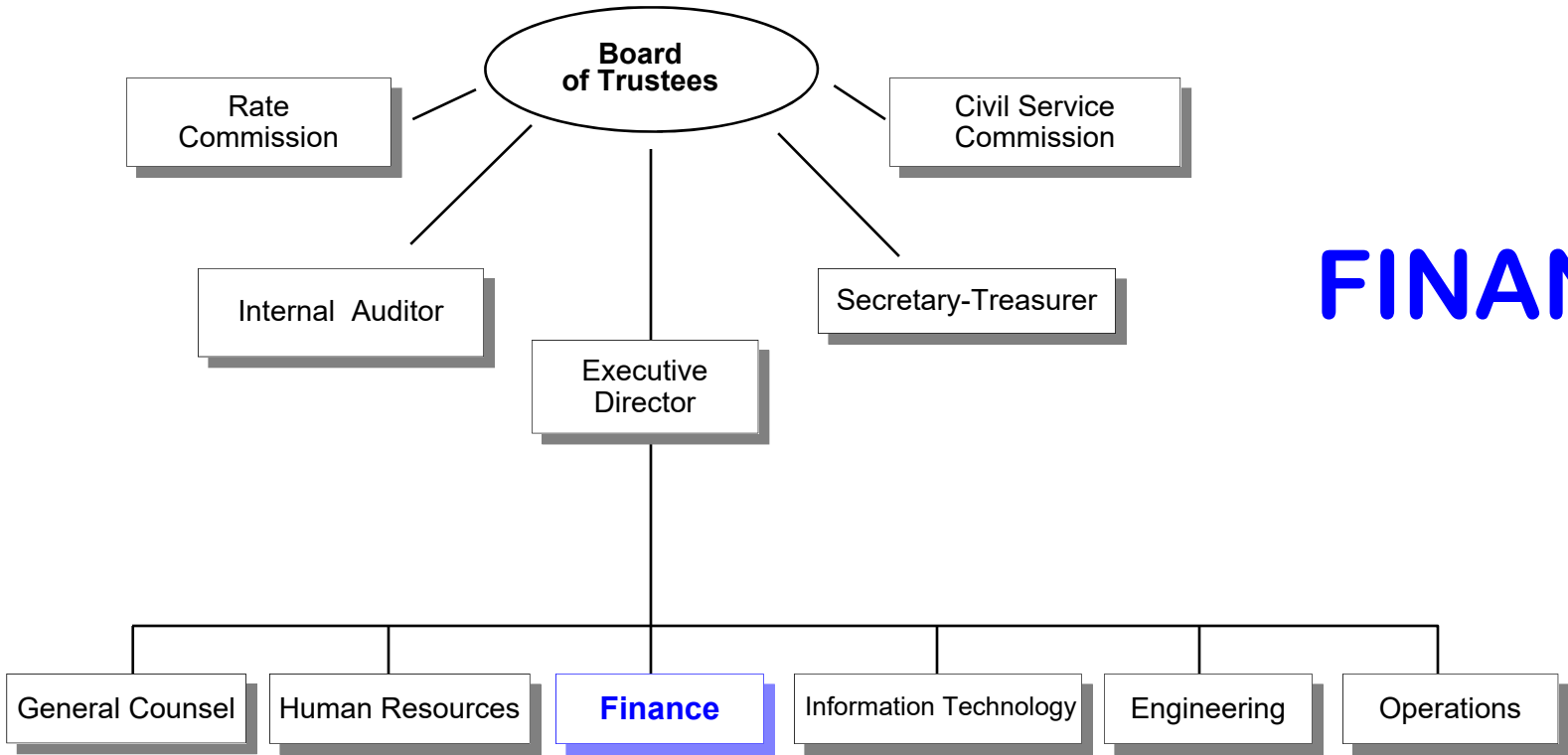


METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T2500 - Human Resources Department Total

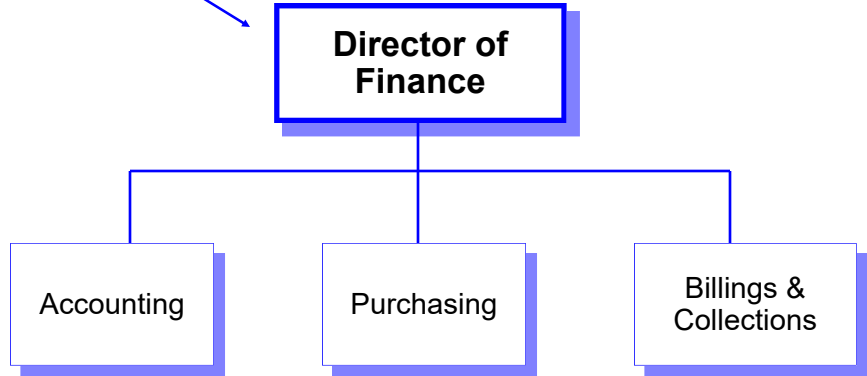
	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
51010 Salaries & Wages	1,608,133	1,525,570	1,797,089	1,526,398	1,825,907	1,880,684	1,937,104
51020 Overtime	7,282	9,163	5,600	6,800	10,000	10,300	10,609
51030 Compensatory Pay Accrual	(71,092)	(1,986)	-	15,275	-	-	-
51040 Sick Leave Accrual	788,826	799,410	804,360	808,356	828,480	853,334	878,934
51050 Vacation Accrual	1,259,699	3,289,246	1,187,520	1,187,520	1,223,160	1,259,855	1,297,650
51080 Floating Holiday Accrual	94,782	53,879	-	73,579	-	-	-
51100 Emp Service & Incentive Awards	43,997	11,278	70,000	70,000	70,000	71,470	72,971
51120 Membership & Licensing Fees	8,487	3,959	9,760	9,760	10,400	10,618	10,841
51130 Education Assistance Program	111,037	73,700	175,000	175,000	175,000	178,675	182,427
51210 FICA Taxes	117,048	117,179	137,906	112,420	140,447	144,660	149,000
51220 Group Insurance	827,811	837,518	1,032,101	1,036,524	1,215,310	1,311,844	1,416,084
51230 Pension Contributions-Defined Benefit Plan	149,553	100,652	104,561	52,707	54,920	52,241	52,241
51231 Pension Contributions-Defined Contribution Plan	99,618	86,047	73,776	95,625	117,359	117,359	117,359
51233 DC Plan-Matching Contributions	-	21,355	29,510	23,888	33,531	33,531	33,531
51240 Unemployment Insurance	10,119	13,031	25,000	25,000	25,000	25,750	26,522
51300 Other Post Employment Benefits	1,419,015	1,724,120	1,900,000	1,724,120	1,725,000	1,863,000	2,012,040
51510 Temporary Help	-	-	-	-	-	41,200	42,436
Total Personnel Services	\$6,474,313	\$8,664,121	\$7,352,183	\$6,942,972	\$7,454,514	\$7,854,521	\$8,239,752
52030 Machinery & Equipment Parts	(53)	-	-	-	-	-	-
52070 Hardware	8	-	-	-	-	-	-
52090 Electrical Supplies	41	-	-	-	-	-	-
52100 Instrument Supplies	23	-	-	-	-	-	-
52170 Safety Supplies	2,010	6,655	24,000	24,000	24,000	24,504	25,019
52220 Janitorial Supplies	8	-	-	-	-	-	-
52300 Safety Footwear	2,988	996	2,250	2,250	2,250	2,297	2,345
52310 Telephone/Communic Equip/Suppl	1,252	432	-	-	-	-	-
52320 Office Supplies	6,839	8,547	10,000	10,000	10,000	10,210	10,424
52330 Computer Supplies	2,852	77	-	-	-	-	-
52340 Computer Equipment - Non-Capital	9,157	3,288	-	-	-	-	-
52360 Grounds Supplies	(159)	-	-	-	-	-	-
52370 Photo & Video Supplies	330	-	10,000	10,000	10,000	10,210	10,424
52380 Publications/Training Supplies	1,249	1,214	1,600	1,600	1,600	1,634	1,668
52390 Administrative Supplies	3,021	4,297	9,000	9,000	10,000	10,210	10,424

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T2500 - Human Resources Department Total

	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
Total Supplies	\$29,564	\$25,505	\$56,850	\$56,850	\$57,850	\$59,065	\$60,305
53270 Telephone Usage	8,775	10,407	8,600	8,600	7,000	7,350	7,718
Total Usage	\$8,775	\$10,407	\$8,600	\$8,600	\$7,000	\$7,350	\$7,718
54010 Postage	20	-	100	100	100	102	104
54050 Office System Services	6,440	4,668	5,000	5,000	5,000	5,105	5,212
54060 Printing Services	254	2,602	6,600	6,600	5,700	5,820	5,942
54080 Advertising Services	12,536	25,219	30,000	30,000	30,000	30,630	31,273
54100 Travel Expenses	7,623	1,817	2,932	3,632	6,448	6,538	6,576
54140 Training Programs/Seminar Fees	40,933	50,285	150,300	70,000	152,590	155,644	158,700
54141 Required Training Programs	168,570	262,680	210,000	210,000	210,000	214,410	218,913
54160 Data Imaging Services	758	596	2,000	2,000	2,000	2,042	2,085
54180 Courier And Freight	148	80	1,680	1,680	1,700	1,736	1,772
54390 Hospital & Medical Services	123,084	119,194	203,000	203,000	303,000	309,363	315,860
54520 Professional Service	351,829	291,341	560,400	1,680,740	833,000	595,243	607,743
54530 Building Repairs & Services	363,467	627,928	1,165,200	1,165,200	70,000	71,470	72,971
54560 Motor Vehicle Services	1,178	1,295	2,700	2,700	2,700	2,781	2,864
54690 Safety Services	8,347	14,826	10,500	15,000	12,000	12,252	12,509
Total Contractual Services	\$1,085,187	\$1,402,531	\$2,350,412	\$3,395,652	\$1,634,238	\$1,413,136	\$1,442,525
Total General Fund Operating Expense	\$7,597,839	\$10,102,565	\$9,768,045	\$10,404,074	\$9,153,602	\$9,334,072	\$9,750,299



FINANCE



Finance

Mission

Manage the District's costs and revenues to improve financial performance.

Fiscal Year 2021 Accomplishments

1. Received the Government Finance Officers' Association (GFOA) award for Distinguished Budget Presentation for the 34th consecutive year. [Strategy 2, Objective 3](#)
2. Received the GFOA award for Excellence in Financial Reporting for the 33rd consecutive year. [Strategy 2, Objective 3](#)
3. Received the GFOA award for Popular Annual Financial Reporting (PAFR). [Strategy 2, Objective 3](#)
4. Completed the FY20 Financial Close on time, with no audit findings and no audit adjustments noted by the District's External Auditors. [Strategy 2, Objective 3](#)
5. Continued work to review, identify gaps and correct asset attributes post Oracle go-live compared to GIS and Maximo. [Strategy 3, Objective 2](#)
6. FY21 CAP enrollment totaled 4135, a decline of approximately 8% from FY20 due primarily to customers not re-enrolling. [Strategy 2, Objective 1](#)
7. Maintained an average of 99% District competitive spend rate. [Strategy 2, Objective 2](#)
8. Managed 316 blankets with 5,416 lines. [Strategy 2, Objective 2](#)
9. Issued invoices totaling \$425 million to approximately 437,000 wastewater customers. [Strategy 2, Objective 1](#)
10. Implemented the rate adjustments approved by the MSD Board of Trustees. [Strategy 2, Objective 3](#)



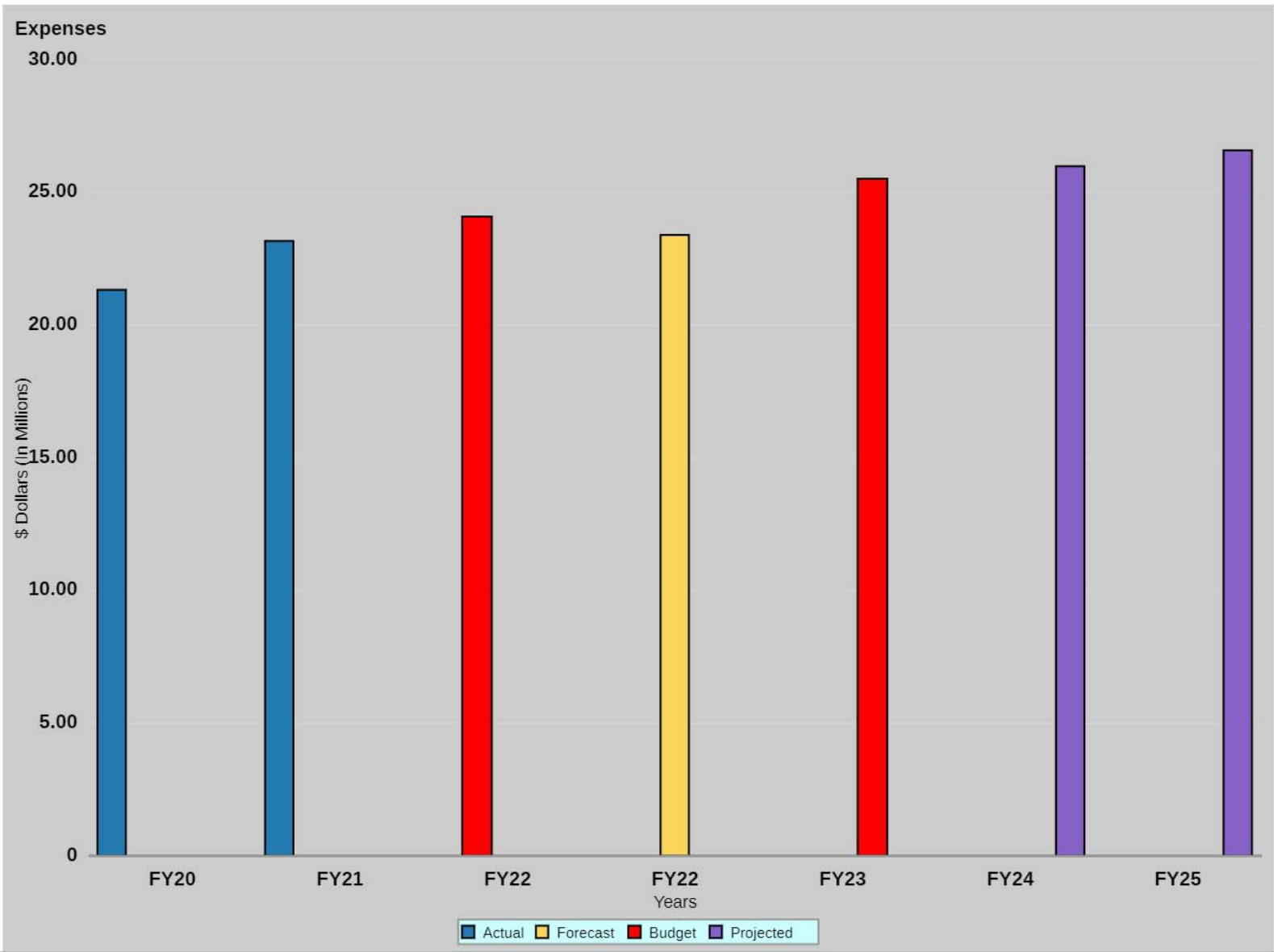
Department FY23 Strategic Business Plan			FY23											
District Strategies	Objectives	Milestones	Q1			Q2			Q3			Q4		
			1	Educate and partner with stakeholders to build support										
	1.	Execute Community Outreach Programs and Engagement Programs												
		a) Develop draft employee talking point protocol for Stormwater Capital Program.												
		b) Gather employee input for employee talking point protocol for Stormwater Capital Program.												
		c) Develop plan to engage stakeholder groups for specific deliverables for Stormwater Capital Program.												
	3.	Execute Diversity and associated Outreach Programs												
		a) Continue implementation of Disparity Study results and recommendations based on findings, evaluate need for workforce development grants and update diversity programs as necessary.												
2	Manage the District's costs and revenues to optimize financial impacts.													
	1.	Increase Collection of Delinquent Revenue												
		a) Begin discussions with Board of Trustees and other parties regarding the implementation of a pilot water shut-off program for commercial customers.												
	2.	Identify and Implement Cost Savings Initiatives												
		a) Continue implementation of integrated payables (i.e., e-payments) and evaluate results.												
	3.	Maximize Long-Term Financing Plans for District Needs												
		a) Implement remaining Board approved rates resulting from the 2019 Wastewater Rate Commission Proposal.												
		b) Update rate model to include results of Inflow and Infiltration (I/I) Allocation Study.												
		c) Update rate model to include results of City Water Attribute Assumption Study.												
		d) Start Rate Commission process and convene the Commission.												
		e) Prepare and submit the FY 25-28 Rate change Proposal to the Rate Commission.												
3	Integrate and improve the District's business processes.													
	2.	Integrate Capital Asset Information Across Systems (Oracle, Maximo and GIS)												
		a) Gaps/discrepancies resolved between GIS (system of record for Collection System linear capital assets) and Oracle (System of record for financial data) for pre-Oracle Go Live capital assets prior to the Oracle upgrade to the Cloud.												
	3.	Oracle EBS Upgrade and Outsources Payroll & Benefits												
		a) Continue implementation of HRMS, Finance, Treasury, Capital Projects and Purchasing.												
		b) User Acceptance, Training, and Go Live.												
	4.	Mobile Technology Strategy												
	5.	CIS System Replacement - NOTE-NO TIMELINE IS GIVEN FOR THIS ONE												
	6.	Implement Integrated Wastewater Operations & Compliance Software Solution (WIMS/PIMS)												
		a) Complete project scope and requirements for a new software solution that meets the regulatory, operational, and financial needs of the District.												
		b) Create RFP for new integrated software solution.												
4	Promote appropriate standards through proactive regulatory and legislative involvement.													
	1.	Participate in Stakeholder Groups to Develop Sound Technical Basis for Regulatory Issues												
		c) Participate in the Volkswagen Trust grant program stakeholder process, to help MSD affordably replace trucks with more emission friendly equipment.												
5	Address customer and regulatory needs through a comprehensive infrastructure management program.													
	1.	Implement Stormwater Operating and Capital Improvement Program												
		a) Implement FY 2023 stormwater CIRP program based on funds generated from reinstated OMCI taxes to address flooding and erosion including the addition of the Gravois Creek OMCI.												
		b) Administer OMCI Municipal Grant Program with funding from reinstated OMCI taxes to address the needs of the municipalities served by the OMCI's.												
	4.	Enhance Reliability of Information Technology Infrastructure												

Department FY23 Strategic Business Plan			FY23											
District	Objectives	Milestones	Q1			Q2			Q3			Q4		
				c) Continue to develop a Master Data Management (MDM) Program Strategy and associated technical infrastructure to centralize, manage and govern enterprise data (Customer, Address Parcel Owner, lateral and horizontal assets).										
6	Create a learning and business-oriented culture based on competency and accountability.													
	2.	Improve Organizational Effectiveness through Leadership Development and Succession Management												
		a) Identify key positions that may be at risk of vacancy within the next 3-5 years and then assess the knowledge, skills, and abilities needed to support business continuity.												

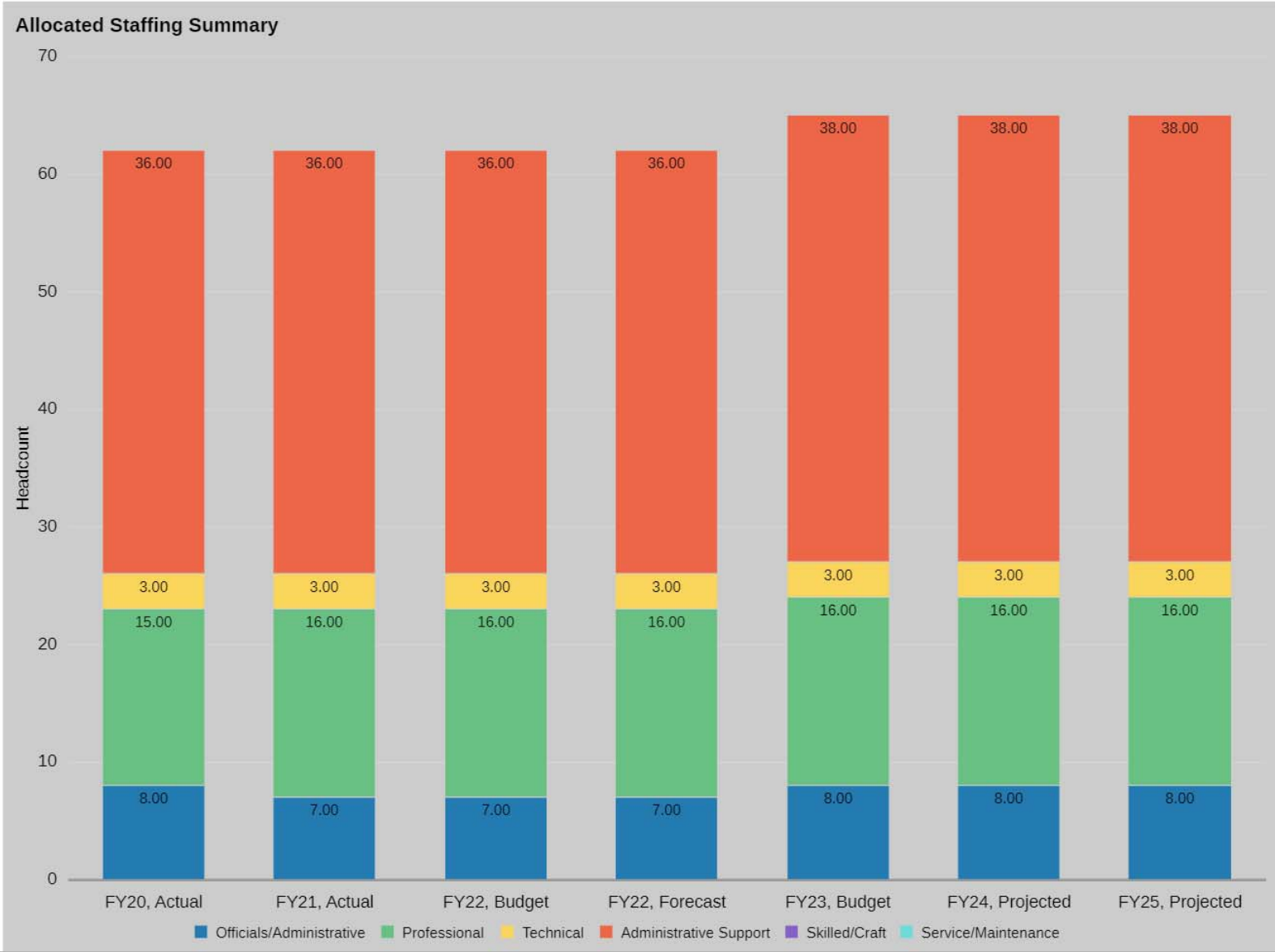
Finance Department

		FY20	FY21	FY22	FY22	FY23	FY24	FY25
EXPENDITURE SUMMARY - DIVISION		Actual	Actual	Budget	Forecast	Budget	Projected	Projected
Purchasing		\$1,876,388	\$2,371,856	\$2,078,565	\$1,973,338	\$2,133,789	\$2,176,926	\$2,229,352
Accounting		1,744,755	1,668,023	1,788,193	1,655,531	1,891,803	1,931,331	1,992,888
Billing & Collection		17,706,420	19,126,885	20,227,620	19,770,140	21,491,089	21,882,139	22,372,138
TOTAL EXPENSES		\$21,327,563	\$23,166,764	\$24,094,378	\$23,399,008	\$25,516,681	\$25,990,397	\$26,594,378
EXPENDITURE SUMMARY - CATEGORY								
51000	Personnel Expenses	\$4,629,271	\$4,664,116	\$5,033,539	\$4,701,700	\$5,382,451	\$5,449,049	\$5,620,790
52000	Supplies	65,188	48,732	66,940	65,915	71,740	72,838	74,368
53000	Usage	176,326	168,693	201,100	202,690	182,000	186,495	191,114
54000	Contractual Services	16,451,778	17,750,473	18,792,399	18,428,303	19,740,490	20,139,075	20,562,164
55000	Capital Outlay	5,000	534,750	400	400	140,000	142,940	145,942
TOTAL EXPENSES		\$21,327,563	\$23,166,764	\$24,094,378	\$23,399,008	\$25,516,681	\$25,990,397	\$26,594,378
ALLOCATED STAFFING SUMMARY								
	Officials/Administrative	8.00	7.00	7.00	7.00	8.00	8.00	8.00
	Professional	15.00	16.00	16.00	16.00	16.00	16.00	16.00
	Technical	3.00	3.00	3.00	3.00	3.00	3.00	3.00
	Administrative Support	36.00	36.00	36.00	36.00	38.00	38.00	38.00
	Skilled/Craft	-	-	-	-	-	-	-
	Service/Maintenance	-	-	-	-	-	-	-
TOTAL POSITIONS		62.00	62.00	62.00	62.00	65.00	65.00	65.00

Finance Department



Finance Department



METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T4000 - Finance Department Total

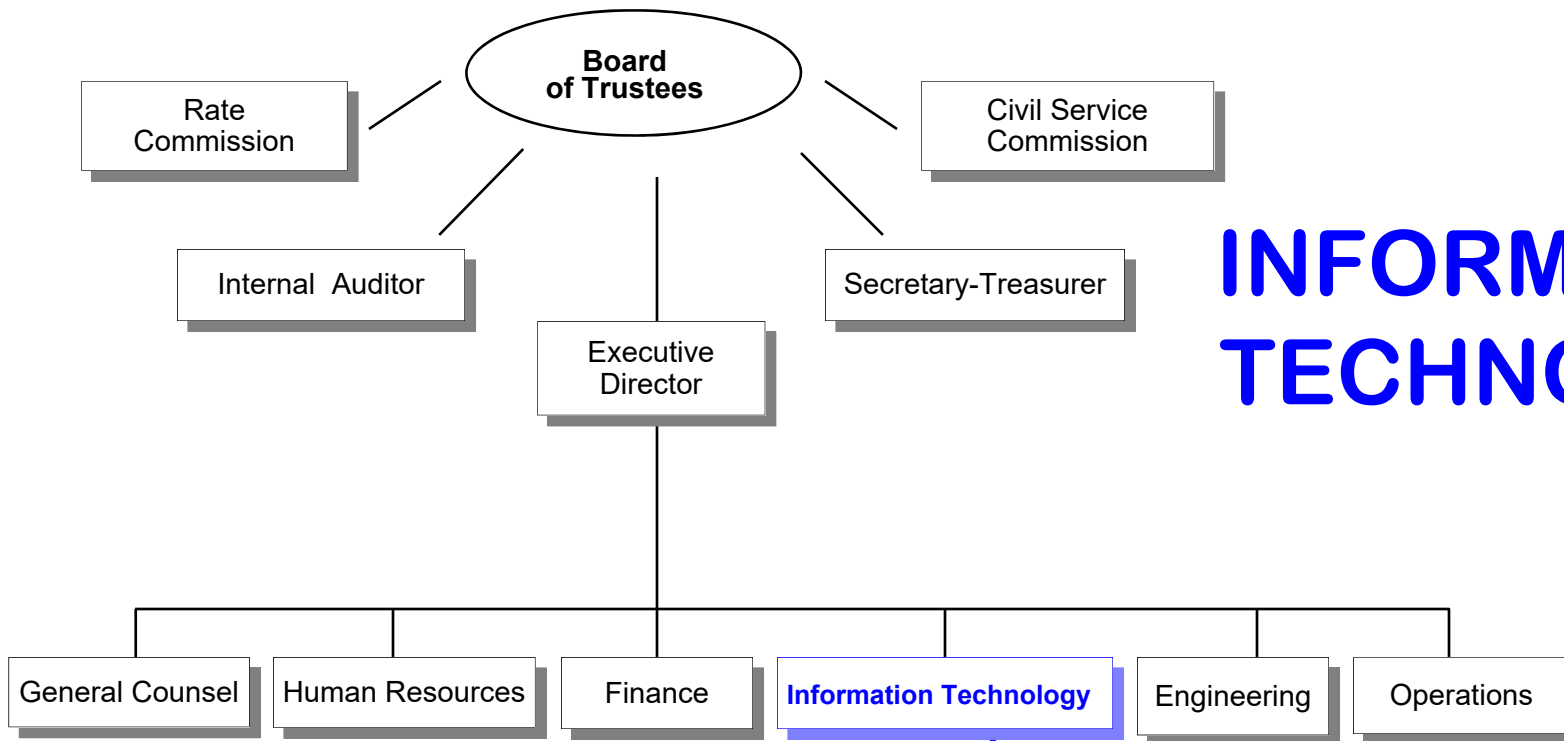
	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
51010 Salaries & Wages	3,179,239	3,221,722	3,508,773	3,200,022	3,738,423	3,787,773	3,898,417
51020 Overtime	58,456	60,677	51,200	51,000	53,760	55,373	57,034
51030 Compensatory Pay Accrual	-	289	-	8,424	-	-	-
51120 Membership & Licensing Fees	9,416	8,686	9,153	10,448	8,966	9,154	9,346
51210 FICA Taxes	231,999	236,380	272,338	233,867	290,102	294,001	302,592
51220 Group Insurance	453,396	442,482	574,858	479,500	630,150	665,518	715,244
51230 Pension Contributions-Defined Benefit Plan	461,244	400,895	413,229	370,003	386,520	367,665	367,665
51231 Pension Contributions-Defined Contribution Plan	156,888	145,731	113,674	153,928	194,339	188,472	188,472
51233 DC Plan-Matching Contributions	-	35,328	45,470	34,378	50,192	50,192	50,192
51510 Temporary Help	78,633	111,926	44,845	160,131	30,000	30,900	31,827
Total Personnel Services	\$4,629,271	\$4,664,116	\$5,033,539	\$4,701,700	\$5,382,451	\$5,449,049	\$5,620,790
52010 Fuels,Lubricants,Gases	654	122	700	700	1,000	1,021	1,042
52090 Electrical Supplies	797	788	500	1,511	2,500	2,552	2,606
52110 Chemical Supplies	513	-	-	-	-	-	-
52170 Safety Supplies	231	-	-	-	-	-	-
52220 Janitorial Supplies	28,084	23,053	35,000	35,000	35,000	35,735	36,485
52300 Safety Footwear	1,174	-	400	400	1,400	1,021	1,042
52310 Telephone/Communic Equip/Suppl	-	180	-	-	-	-	-
52320 Office Supplies	20,030	19,143	20,240	18,640	20,890	21,329	21,777
52330 Computer Supplies	146	190	500	564	500	510	521
52340 Computer Equipment - Non-Capital	2,572	232	-	-	-	-	-
52380 Publications/Training Supplies	4,413	2,815	5,000	5,000	4,850	4,952	5,056
52390 Administrative Supplies	6,575	2,209	4,600	4,100	5,600	5,718	5,838
Total Supplies	\$65,188	\$48,732	\$66,940	\$65,915	\$71,740	\$72,838	\$74,368
53060 Electric Usage	168,923	164,118	193,600	195,190	175,000	179,025	183,143
53080 Water Usage	5,595	3,267	6,000	6,000	6,000	6,420	6,869
53270 Telephone Usage	1,807	1,308	1,500	1,500	1,000	1,050	1,103
Total Usage	\$176,326	\$168,693	\$201,100	\$202,690	\$182,000	\$186,495	\$191,114
54010 Postage	1,982,935	1,974,571	2,075,100	2,085,940	2,223,200	2,269,887	2,317,555
54050 Office System Services	-	-	-	-	17,500	-	-
54060 Printing Services	517,967	417,271	673,866	443,730	490,000	502,026	512,568

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T4000 - Finance Department Total

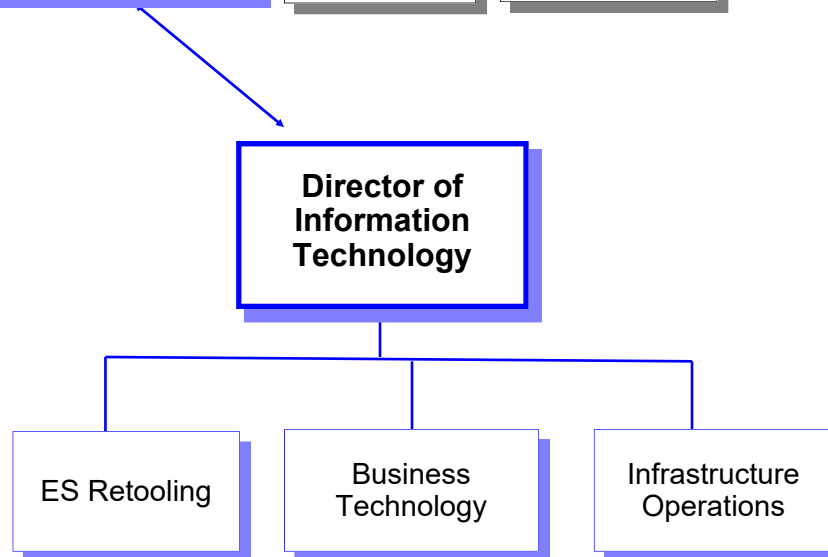
	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
54080 Advertising Services	121,819	83,271	123,000	113,000	103,000	105,163	107,371
54100 Travel Expenses	6,195	373	19,928	18,558	30,411	31,050	31,702
54140 Training Programs/Seminar Fees	6,077	6,013	19,165	17,565	20,645	21,079	21,521
54160 Data Imaging Services	19,253	-	-	-	-	-	-
54180 Courier And Freight	441	450	1,150	2,510	3,970	4,053	4,138
54190 Property & Other Space Rental	30,000	-	30,000	30,000	30,000	30,630	31,273
54350 Bill Payment Services	1,951,825	2,399,398	2,342,190	2,680,000	2,721,116	2,778,259	2,836,603
54420 Court Costs & Lien Fees	149,148	(48,508)	250,000	250,000	250,000	255,250	260,610
54450 Collection Services	5,681,200	6,648,418	6,900,000	6,850,000	7,602,000	7,761,642	7,924,636
54470 Water Agency Data Services	514,888	517,856	610,000	520,000	550,000	561,550	573,343
54520 Professional Service	5,161,004	5,364,722	5,325,000	4,994,000	5,341,000	5,453,146	5,567,641
54530 Building Repairs & Services	97,819	85,985	107,000	107,000	90,000	91,890	93,820
54540 Janitorial Services	152,672	218,466	230,000	230,000	170,000	173,570	177,215
54550 Grounds Services	25,132	35,303	15,000	15,000	25,000	25,525	26,061
54560 Motor Vehicle Services	352	139	-	-	-	-	-
54570 Machinery & Equipment Services	5,392	6,000	3,000	3,000	3,500	3,580	3,663
54600 Electrical Repair Services	1,081	2,354	5,000	5,000	6,000	6,300	6,615
54620 Plumbing Services	4,283	5,417	13,000	13,000	13,000	13,273	13,552
54630 HVAC Services	15,720	26,790	40,000	40,000	40,000	40,840	41,698
54650 Waste Hauling	4,251	3,973	4,000	4,000	4,148	4,235	4,324
54670 Other Governmental Fees	50	-	-	-	-	-	-
54690 Safety Services	2,274	2,213	6,000	6,000	6,000	6,126	6,255
Total Contractual Services	\$16,451,778	\$17,750,473	\$18,792,399	\$18,428,303	\$19,740,490	\$20,139,075	\$20,562,164
55030 Structural Improvements	5,000	534,750	-	-	140,000	142,940	145,942
55090 Furniture & Office Equipment	-	-	400	400	-	-	-
Total Capital Outlay	\$5,000	\$534,750	\$400	\$400	\$140,000	\$142,940	\$145,942
Total General Fund Operating Expense	\$21,327,563	\$23,166,764	\$24,094,378	\$23,399,008	\$25,516,681	\$25,990,397	\$26,594,378



FY23 BUDGET



INFORMATION TECHNOLOGY



Information Technology

Mission

Provide a reliable and secure technology foundation to support responsible wastewater and stormwater management.

Fiscal Year 2021 Accomplishments

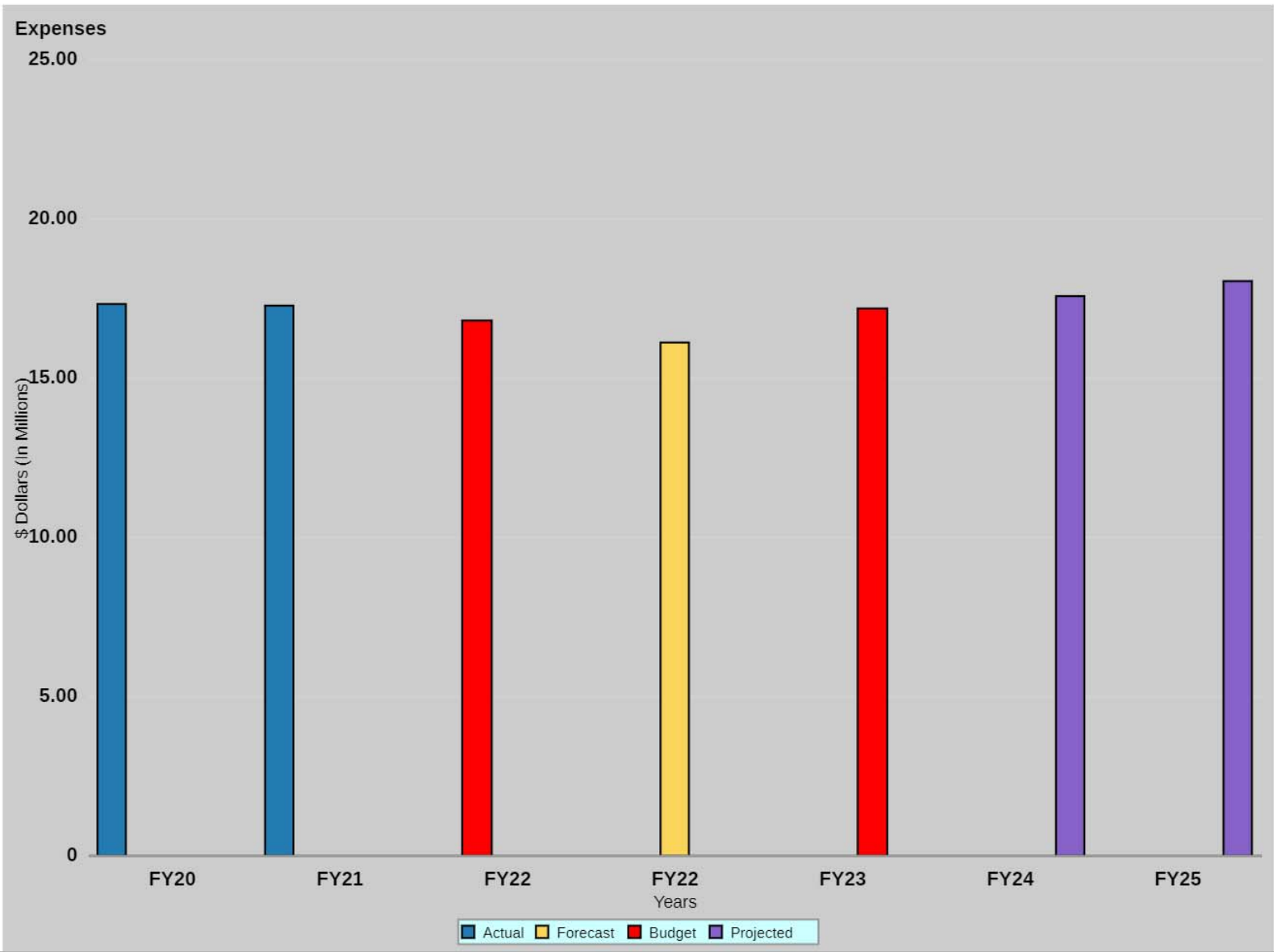
1. The IT Department continued to work on Disaster Recovery which is a Strategic Business Objective for the District. [\(Strategy 5, Objective 4\)](#)
2. The IT Department put great effort into mapping out the AS-IS and Improved TO-BE processes for implementing an Enterprise-wide Oracle upgrade to the Cloud environment. Staff met with HR, Finance and Engineering to map and document existing processes and work to streamline, and/or remove pain points from the processes. RFPs for the Oracle upgrade have been completed and will be bid in FY22. [\(Strategy 3, Objective 4\)](#)
3. The IT Department worked on security awareness through policies, KnowB4, awareness, and multiple other factors.
4. IT staff has been implementing exciting new automated software solutions referred to as Robotic Process Automation (RPA) which allows the automation of User Interface actions with software. The software can be taught mundane processes such as opening websites and cutting and pasting information between systems. IT has successfully implemented a process to move tax information from a County-provided PDF document to our billing system, QA/QC completed Operations work orders and release tax liens.
5. LIMS has been completed.
6. IT implemented Single Sign-On for Oracle, Maximo, and Hyperion.

Department FY23 Strategic Business Plan																							
District Strategies	Objectives	Milestones	FY23																				
			Q1			Q2			Q3			Q4											
1	Educate and partner with stakeholders to build support																						
	1.	Execute Community Outreach Programs and Engagement Programs																					
		f) Implement communications platform (MSDPC Connect) to keep stakeholders informed of District related Capital Project activities.																					
	3.	Execute Diversity and associated Outreach Programs																					
2	Manage the District's costs and revenues to optimize financial impacts.																						
	2.	Identify and Implement Cost Savings Initiatives																					
	3.	Maximize Long-Term Financing Plans for District Needs																					
		e) Prepare and submit the FY 25-28 Rate change Proposal to the Rate Commission.																					
3	Integrate and improve the District's business processes.																						
	2.	Integrate Capital Asset Information Across Systems (Oracle, Maximo and GIS)																					
		a) Gaps/discrepancies resolved between GIS (system of record for Collection System linear capital assets) and Oracle (System of record for financial data) for pre-Oracle Go Live capital assets prior to the Oracle upgrade to the Cloud.																					
	6.	Implement Integrated Wastewater Operations & Compliance Software Solution (WIMS/PIMS)																					
		a) Complete project scope and requirements for a new software solution that meets the regulatory , operational, and financial needs of the District.																					
		b) Create RFP for new integrated software solution.																					
		c) Select and award the contract based on RFP responses.																					
5	Address customer and regulatory needs through a comprehensive infrastructure management program.																						
	1.	Implement Stormwater Operating and Capital Improvement Program																					
	2.	Implement Wastewater Operating and Capital Improvement Program																					
		a) Continue procurement implementation and provide training for modeling software upgrades to take advantage of new technology that will increase engineering efficiencies in flow metering, modeling, and capacity assurance analysis.																					
	3.	Implement Asset Management Program																					
		a) Purchase and implement software tools necessary to support asset management plan that incorporates the monetized ratings process for the District's linear assets.																					
	4.	Enhance Reliability of Information Technology Infrastructure																					
		c) Continue to develop a Master Data Management (MDM) Program Strategy and associated technical infrastructure to centralize, manage and govern enterprise data (Customer, Address Parcel Owner, lateral and horizontal assets).																					
	5.	Implement technologies and data driven solutions to reduce capital costs and increase utility performance																					
		a) Develop Wet Weather Optimization Plan for Lemay Service Area.																					
		b) Design and execute SCADA system upgrade.																					
		c) Plan Wet Weather Operational Structure for Organization.																					
6	Create a learning and business-oriented culture based on competency and accountability.																						
	2.	Improve Organizational Effectiveness through Leadership Development and Succession Management																					
		a) Identify key positions that may be at risk of vacancy within the next 3-5 years and then assess the knowledge, skills, and abilities needed to support business continuity.																					

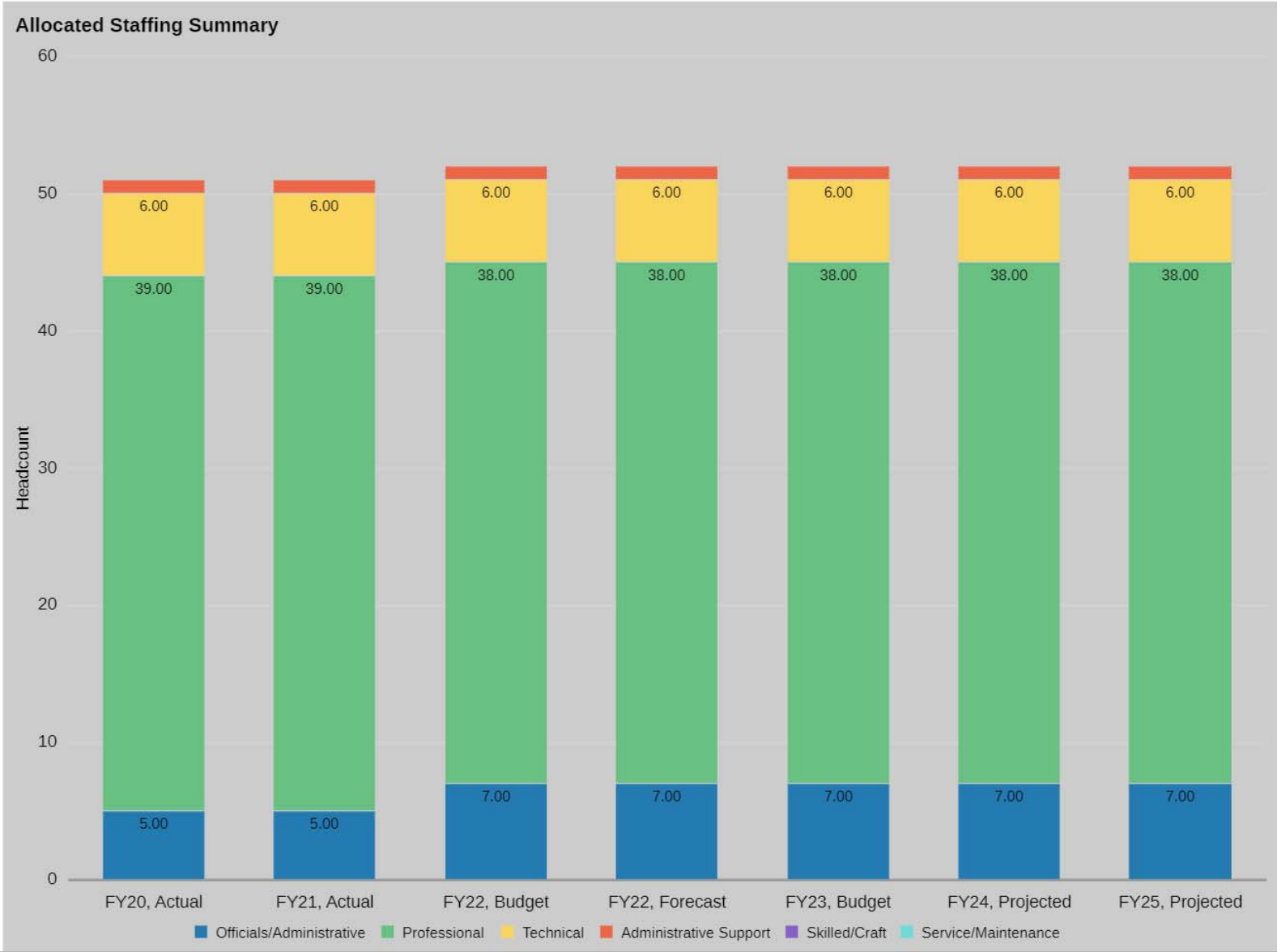
Information Technology Department

		FY20	FY21	FY22	FY22	FY23	FY24	FY25
EXPENDITURE SUMMARY - DIVISION		Actual	Actual	Budget	Forecast	Budget	Projected	Projected
ES Retooling		\$1,560,686	\$2,347,071	\$1,902,085	\$1,609,408	\$1,537,817	\$1,582,008	\$1,628,847
Business Technology		8,815,490	7,958,221	8,489,817	7,781,275	8,001,403	8,160,290	8,374,478
Infrastructure Operations		6,957,015	6,973,463	6,422,916	6,729,382	7,646,443	7,841,804	8,049,845
TOTAL EXPENSES		\$17,333,191	\$17,278,756	\$16,814,818	\$16,120,066	\$17,185,663	\$17,584,103	\$18,053,169
EXPENDITURE SUMMARY - CATEGORY								
51000	Personnel Expenses	\$9,792,599	\$10,050,431	\$9,010,694	\$8,424,734	\$9,258,783	\$9,500,607	\$9,786,699
52000	Supplies	896,099	913,681	509,965	609,465	534,681	545,909	557,373
53000	Usage	552,130	365,066	417,472	417,472	434,214	455,925	478,721
54000	Contractual Services	5,503,264	5,386,811	6,462,687	6,354,394	6,447,985	6,560,951	6,698,731
55000	Capital Outlay	589,099	562,767	414,000	314,000	510,000	520,710	531,645
TOTAL EXPENSES		\$17,333,191	\$17,278,756	\$16,814,818	\$16,120,066	\$17,185,663	\$17,584,103	\$18,053,169
ALLOCATED STAFFING SUMMARY								
Officials/Administrative		5.00	5.00	7.00	7.00	7.00	7.00	7.00
Professional		39.00	39.00	38.00	38.00	38.00	38.00	38.00
Technical		6.00	6.00	6.00	6.00	6.00	6.00	6.00
Administrative Support		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Skilled/Craft		-	-	-	-	-	-	-
Service/Maintenance		-	-	-	-	-	-	-
TOTAL POSITIONS		51.00	51.00	52.00	52.00	52.00	52.00	52.00

Information Technology Department



Information Technology Department

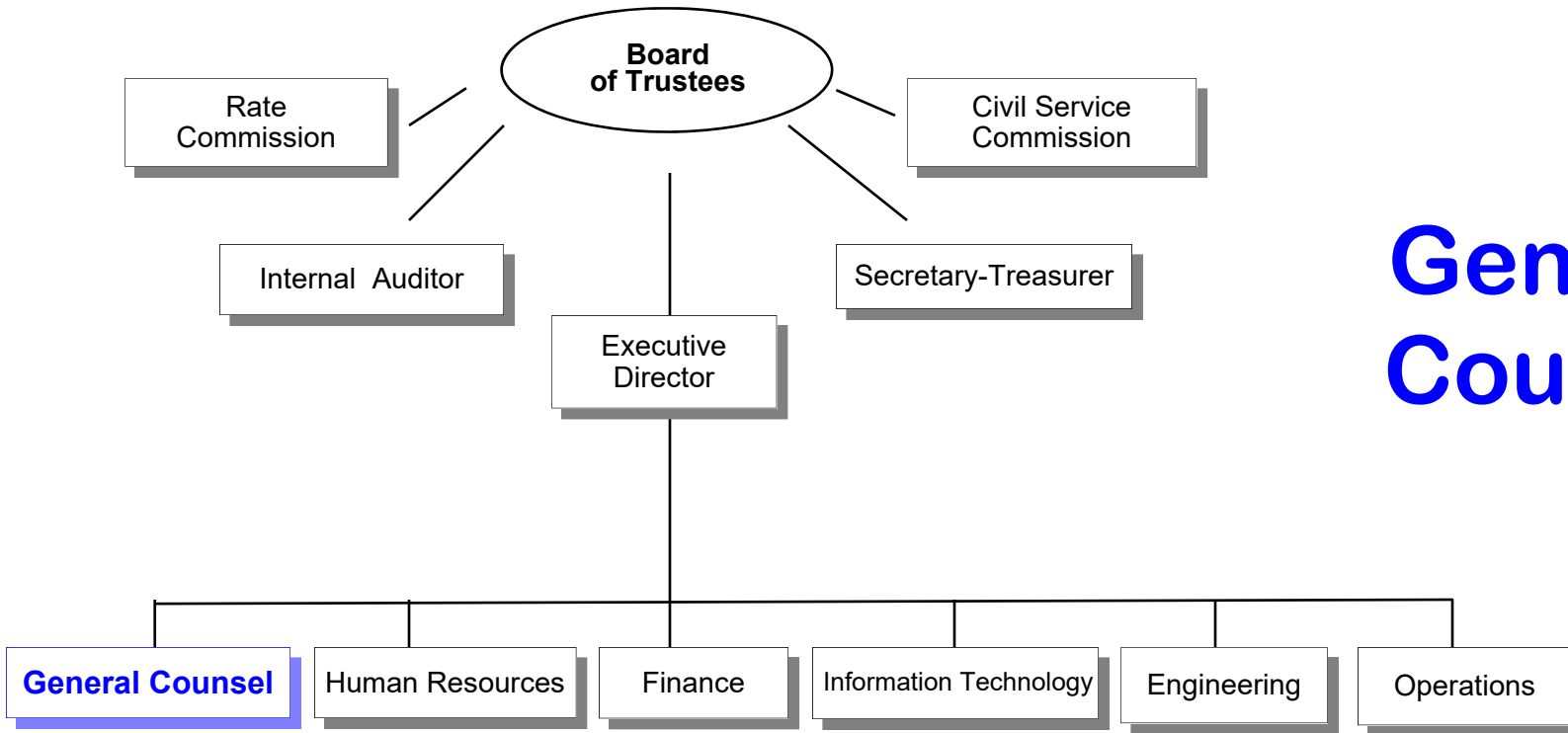


METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T4500 - Information Technology Department Total

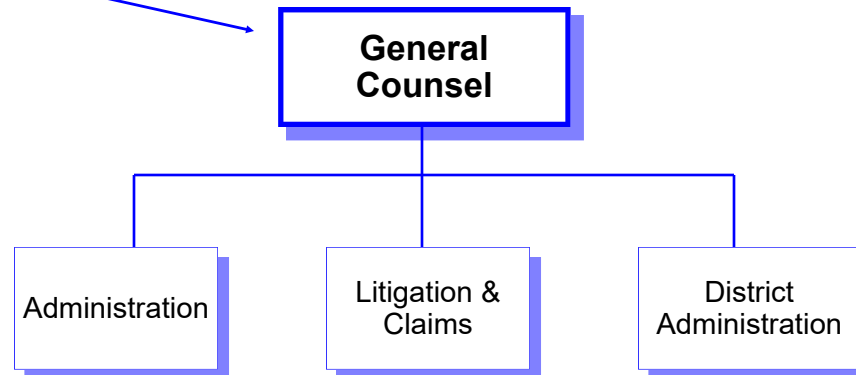
	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
51010 Salaries & Wages	3,578,500	3,871,362	4,876,420	4,037,591	4,934,011	5,082,031	5,234,492
51020 Overtime	9,609	5,365	12,000	22,000	8,600	8,858	9,129
51030 Compensatory Pay Accrual	14,294	(2,676)	-	4,583	-	-	-
51120 Membership & Licensing Fees	7,742	7,209	9,621	10,121	12,197	12,453	12,715
51210 FICA Taxes	269,330	295,945	373,966	297,936	378,110	389,295	400,974
51220 Group Insurance	313,350	343,260	522,652	429,206	572,866	616,986	664,597
51230 Pension Contributions-Defined Benefit Plan	798,704	707,448	686,673	661,528	690,335	656,660	656,660
51231 Pension Contributions-Defined Contribution Plan	103,716	131,119	154,659	153,828	213,130	213,130	213,130
51233 DC Plan-Matching Contributions	-	27,536	55,624	30,942	60,894	60,894	60,894
51510 Temporary Help	4,697,354	4,663,864	2,319,080	2,777,000	2,388,640	2,460,299	2,534,108
Total Personnel Services	\$9,792,599	\$10,050,431	\$9,010,694	\$8,424,734	\$9,258,783	\$9,500,607	\$9,786,699
52030 Machinery & Equipment Parts	1,231	-	-	-	-	-	-
52090 Electrical Supplies	257	-	2,000	2,000	-	-	-
52220 Janitorial Supplies	-	129	-	-	-	-	-
52300 Safety Footwear	170	769	-	-	-	-	-
52310 Telephone/Communic Equip/Suppl	5,127	5,363	6,909	6,909	7,500	7,657	7,818
52320 Office Supplies	1,994	6,590	2,000	2,000	2,400	2,450	2,502
52330 Computer Supplies	352,751	520,716	107,300	107,300	125,461	128,096	130,786
52340 Computer Equipment - Non-Capital	500,545	336,124	344,000	444,000	350,000	357,350	364,854
52380 Publications/Training Supplies	66,000	42,265	43,256	42,756	44,820	45,761	46,722
52390 Administrative Supplies	1,663	1,545	4,500	4,500	4,500	4,594	4,691
52400 Furniture & Office Equipment - Non-Capital	(33,639)	180	-	-	-	-	-
Total Supplies	\$896,099	\$913,681	\$509,965	\$609,465	\$534,681	\$545,909	\$557,373
53270 Telephone Usage	552,130	365,066	417,472	417,472	434,214	455,925	478,721
Total Usage	\$552,130	\$365,066	\$417,472	\$417,472	\$434,214	\$455,925	\$478,721
54010 Postage	267	97	-	-	-	-	-
54050 Office System Services	3,590,929	3,728,027	4,347,897	4,336,138	4,512,751	4,607,519	4,704,277
54080 Advertising Services	(34)	-	-	-	-	-	-
54100 Travel Expenses	38,993	(974)	40,110	43,110	31,400	31,039	31,691
54140 Training Programs/Seminar Fees	97,800	69,944	80,144	80,110	57,830	37,624	38,414
54180 Courier And Freight	210	1,141	-	500	-	-	-

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T4500 - Information Technology Department Total

	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
54520 Professional Service	1,472,687	1,498,988	1,974,536	1,854,536	1,826,004	1,864,350	1,903,501
54530 Building Repairs & Services	302,411	89,553	20,000	40,000	20,000	20,420	20,849
Total Contractual Services	\$5,503,264	\$5,386,777	\$6,462,687	\$6,354,394	\$6,447,985	\$6,560,951	\$6,698,731
55090 Furniture & Office Equipment	-	75,304	10,000	10,000	10,000	10,210	10,424
55110 Computer Equipment	589,099	487,462	404,000	304,000	500,000	510,500	521,220
Total Capital Outlay	\$589,099	\$562,767	\$414,000	\$314,000	\$510,000	\$520,710	\$531,645
Total General Fund Operating Expense	\$17,333,191	\$17,278,721	\$16,814,818	\$16,120,066	\$17,185,663	\$17,584,103	\$18,053,169



General Counsel



General Counsel

Mission

The General Counsel's office is responsible for all legal matters concerning the District. The Department provides legal services and guidance as requested or required by the Board of Trustees, Executive Director and District staff.

Fiscal Year 2021 Accomplishments

1. Managed legal challenges associated with the implementation of the District's Consent Decree. [\(Strategy 5, Objective 2\)](#)
2. Successfully defended the District before the Civil Service Commission; Equal Employment Opportunity Commission; Civil Court and Federal Court in a wide variety of litigation matters. [\(Strategy 6, Objective 3\)](#)
3. Provided legal counseling to the District on various matters, including but not limited to, liability claims involving personal injury, wrongful death, breach of contract, nuisance, property damage and/or inverse condemnation; human resource claims arising under federal, state or local civil rights and employment laws or MSD's Civil Service rules; real estate claims involving property rights including acquisition by eminent domain; environmental matters involving both state and federal laws; administrative claims associated with corporate governance matters such as Missouri Sunshine Law, MSD Charter Plan and MSD Ordinances/Resolutions; review of contracts; customer service level issues; regulatory compliance programs; and procurement issues. [\(Strategy 5, Objective 2\)](#)
4. Participated in stakeholders' groups to develop sound technical basis for regulatory issues. [\(Strategy 4, Objectives 1 & 2\)](#)

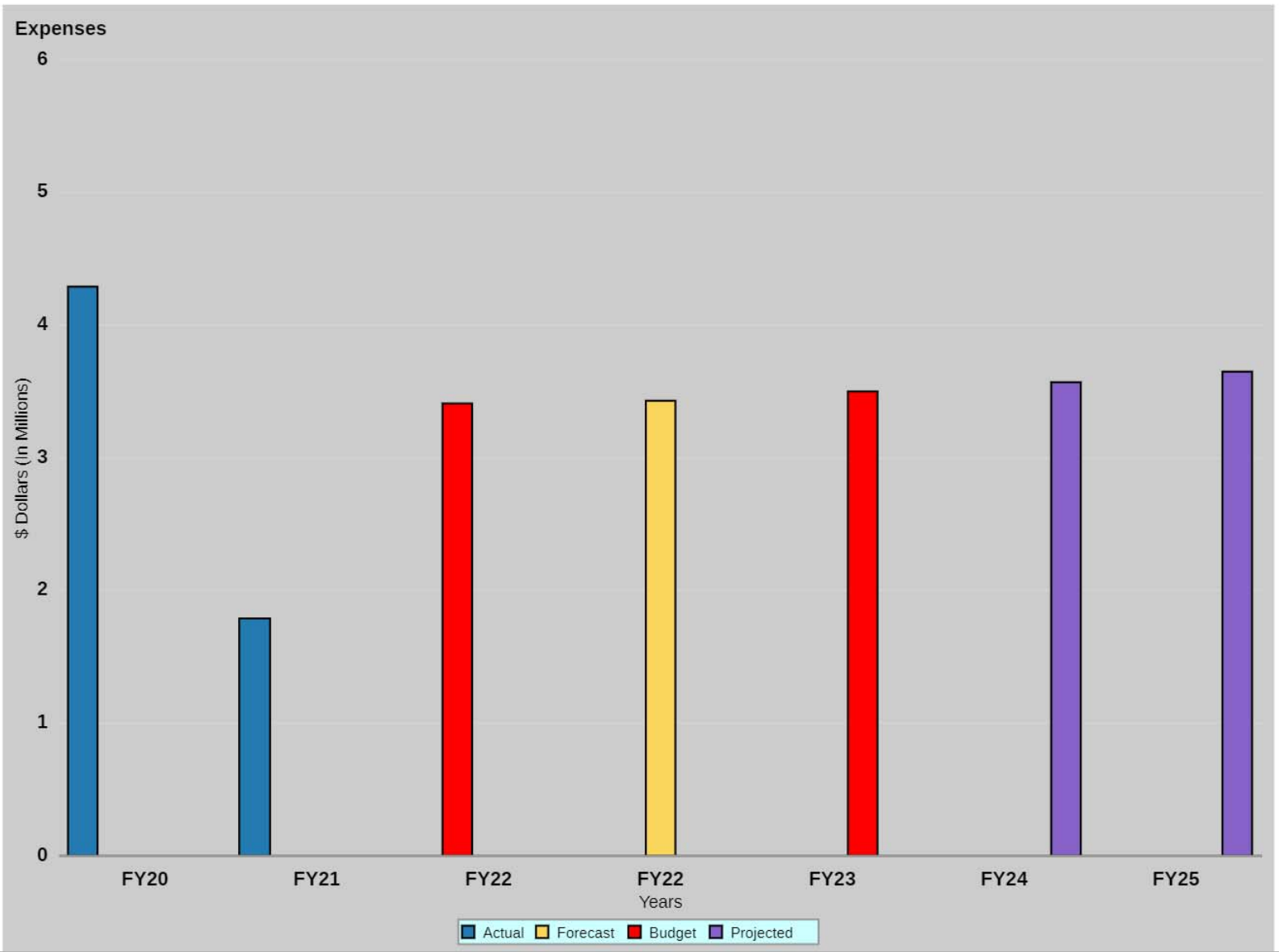


Department FY23 Strategic Business Plan			FY23											
District Strategies	Objectives	Milestones	Q1			Q2			Q3			Q4		
			1	Educate and partner with stakeholders to build support										
	1.	Execute Community Outreach Programs and Engagement Programs												
		d) Lead education and outreach activities among key stakeholders and community partners to advance public understanding and awareness of MSD's roles and initiatives in improving the environmental quality within MSD's service area.												
		f) Implement communications platform (MSDPC Connect) to keep stakeholders informed of District related Capital Project activities.												
	3.	Execute Diversity and associated Outreach Programs												
2	Manage the District's costs and revenues to optimize financial impacts.													
	2.	Identify and Implement Cost Savings Initiatives												
	3.	Maximize Long-Term Financing Plans for District Needs												
		d) Start Rate Commission process and convene the Commission.												
		e) Prepare and submit the FY 25-28 Rate change Proposal to the Rate Commission.												
3	Integrate and improve the District's business processes.													
	6.	Implement Integrated Wastewater Operations & Compliance Software Solution (WIMS/PIMS)												
		a) Complete project scope and requirements for a new software solution that meets the regulatory , operational, and financial needs of the District.												
		b) Create RFP for new integrated software solution.												
4	Promote appropriate standards through proactive regulatory and legislative involvement.													
	1.	Participate in Stakeholder Groups to Develop Sound Technical Basis for Regulatory Issues												
		a) Participate in Missouri-led stakeholder meetings on Clean Water Act permit fees and advocate for an equitable fee structure.												
		b) Participate in Missouri-led stakeholder meetings on nutrient reduction strategies and nutrient trading.												
	2.	Promote Appropriate Regulatory and Legislative Initiatives that Impact All Areas of District Operations												
		a) Advocate for reasonable and affordable numeric nutrient wastewater effluent limits.												
		b) Renew the regional General Permit 44 issued by the U.S. Army Corps of Engineers to streamline stormwater and sanitary sewer infrastructure maintenance and repair.												
5	Address customer and regulatory needs through a comprehensive infrastructure management program.													
	1.	Implement Stormwater Operating and Capital Improvement Program												
		a) Implement FY 2023 stormwater CIRP program based on funds generated from reinstated OMCI taxes to address flooding and erosion including the addition of the Gravois Creek OMCI.												
	2.	Implement Wastewater Operating and Capital Improvement Program												
		b) Conduct quarterly meetings with Engineering and General Counsel staffs to monitor and adjust projects in order to ensure compliance with the Consent Decree performance measure for the elimination of 85% Constructed Sanitary Overflows by the end of calendar 2023.												
		c) Complete development and implement Wastewater CIRP to comply with Consent Decree and Asset management needs based on approved District Rate Proposal.												
	3.	Implement Asset Management Program												
6	Create a learning and business-oriented culture based on competency and accountability.													
	2.	Improve Organizational Effectiveness through Leadership Development and Succession Management												
		a) Identify key positions that may be at risk of vacancy within the next 3-5 years and then assess the knowledge, skills, and abilities needed to support business continuity.												

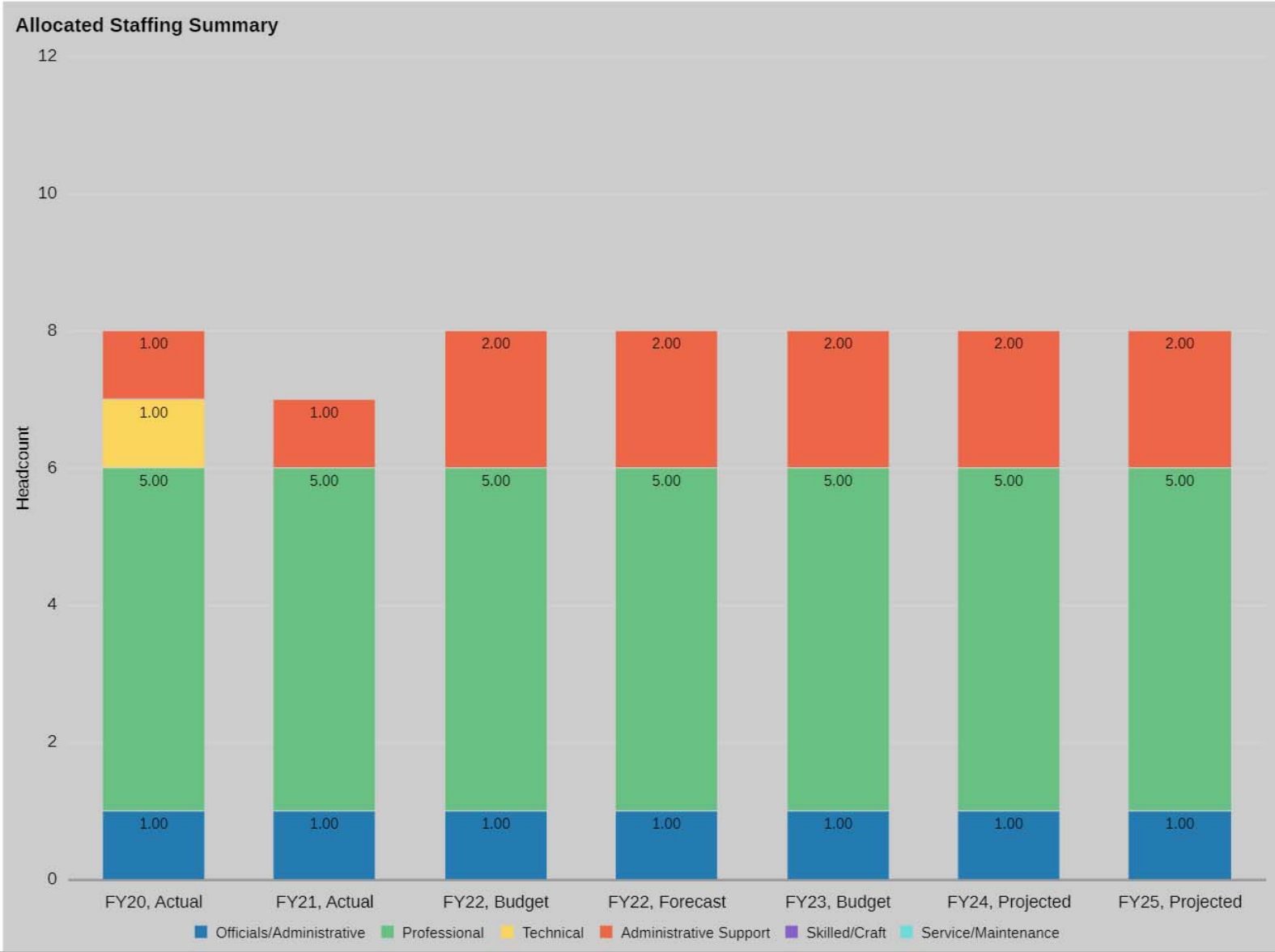
General Counsel Department

		FY20	FY21	FY22	FY22	FY23	FY24	FY25
EXPENDITURE SUMMARY - DIVISION		Actual	Actual	Budget	Forecast	Budget	Projected	Projected
General Counsel Administration		\$273,043	\$280,491	\$285,371	\$292,506	\$310,406	\$314,395	\$322,248
General Counsel District Administration		157,001	156,627	175,324	177,694	183,558	186,918	191,443
Litigation and Claims		3,863,633	1,357,839	2,951,597	2,963,638	3,001,515	3,067,754	3,141,074
TOTAL EXPENSES		\$4,293,678	\$1,794,957	\$3,412,292	\$3,433,838	\$3,495,479	\$3,569,067	\$3,654,765
EXPENDITURE SUMMARY - CATEGORY								
51000	Personnel Expenses	\$1,226,352	\$1,266,052	\$1,278,225	\$1,299,771	\$1,356,919	\$1,385,575	\$1,425,397
52000	Supplies	74,416	71,718	88,750	88,750	91,900	93,830	95,800
53000	Usage	480	480	600	600	750	788	827
54000	Contractual Services	2,992,430	456,707	2,044,717	2,044,717	2,045,910	2,088,874	2,132,740
55000	Capital Outlay	-	-	-	-	-	-	-
TOTAL EXPENSES		\$4,293,678	\$1,794,957	\$3,412,292	\$3,433,838	\$3,495,479	\$3,569,067	\$3,654,765
ALLOCATED STAFFING SUMMARY								
Officials/Administrative		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Professional		5.00	5.00	5.00	5.00	5.00	5.00	5.00
Technical		1.00	-	-	-	-	-	-
Administrative Support		1.00	1.00	2.00	2.00	2.00	2.00	2.00
Skilled/Craft		-	-	-	-	-	-	-
Service/Maintenance		-	-	-	-	-	-	-
TOTAL POSITIONS		8.00	7.00	8.00	8.00	8.00	8.00	8.00

General Counsel Department



General Counsel Department

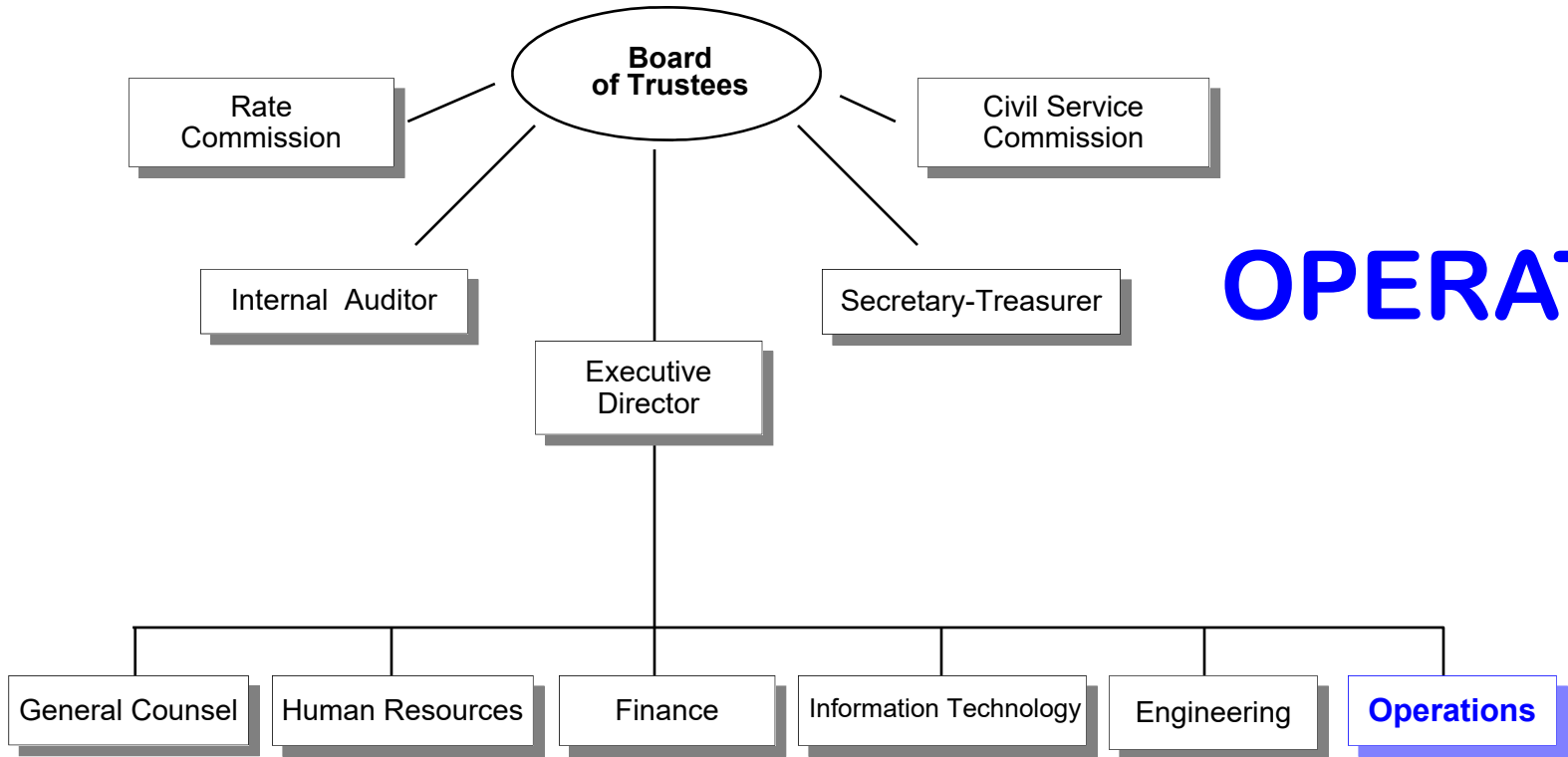


METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T5500 - General Counsel Department Total

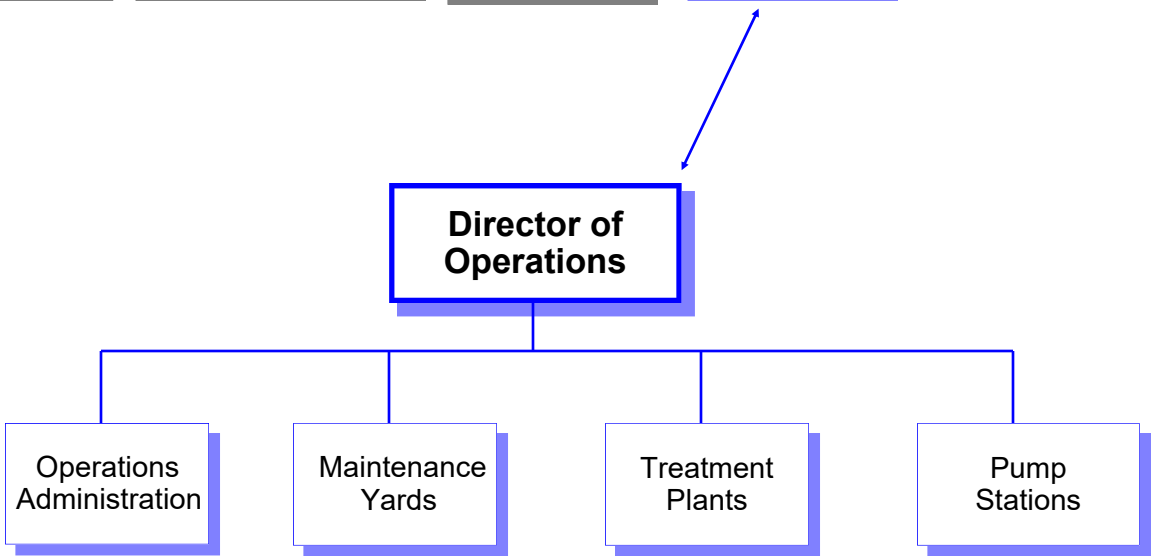
	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
51010 Salaries & Wages	876,557	901,655	908,008	919,875	944,050	972,371	1,001,543
51020 Overtime	-	50	-	-	-	-	-
51120 Membership & Licensing Fees	6,185	6,245	6,730	6,730	6,865	7,009	7,156
51210 FICA Taxes	60,601	62,420	69,463	61,310	72,220	74,386	76,618
51220 Group Insurance	77,304	75,423	90,944	88,453	99,541	107,207	115,479
51230 Pension Contributions-Defined Benefit Plan	174,250	187,035	175,658	189,313	197,654	188,012	188,012
51231 Pension Contributions-Defined Contribution Plan	31,455	26,894	19,588	27,748	28,459	28,459	28,459
51233 DC Plan-Matching Contributions	-	6,330	7,835	6,342	8,131	8,131	8,131
Total Personnel Services	\$1,226,352	\$1,266,052	\$1,278,225	\$1,299,771	\$1,356,919	\$1,385,575	\$1,425,397
52090 Electrical Supplies	37	-	-	-	-	-	-
52300 Safety Footwear	-	250	-	-	-	-	-
52310 Telephone/Communic Equip/Suppl	328	-	-	-	-	-	-
52320 Office Supplies	3,601	4,951	5,150	5,150	5,300	5,411	5,525
52330 Computer Supplies	341	131	-	250	-	-	-
52340 Computer Equipment - Non-Capital	170	-	-	-	-	-	-
52370 Photo & Video Supplies	-	-	100	100	100	102	104
52380 Publications/Training Supplies	68,836	65,354	82,000	82,000	85,000	86,785	88,607
52390 Administrative Supplies	1,103	1,032	1,500	1,250	1,500	1,531	1,564
Total Supplies	\$74,416	\$71,718	\$88,750	\$88,750	\$91,900	\$93,830	\$95,800
53270 Telephone Usage	480	480	600	600	750	788	827
Total Usage	\$480	\$480	\$600	\$600	\$750	\$788	\$827
54060 Printing Services	4	-	250	250	200	204	208
54100 Travel Expenses	4,392	428	4,237	4,237	5,610	5,728	5,848
54140 Training Programs/Seminar Fees	5,917	611	6,980	6,980	6,350	6,483	6,620
54180 Courier And Freight	426	257	750	750	750	766	782
54400 Judgments & Claims Settlements	-	1,764	25,000	25,000	25,000	25,525	26,061
54420 Court Costs & Lien Fees	5,336	7,260	7,500	7,500	8,000	8,168	8,340
54520 Professional Service	2,976,355	446,389	2,000,000	2,000,000	2,000,000	2,042,000	2,084,882
Total Contractual Services	\$2,992,430	\$456,707	\$2,044,717	\$2,044,717	\$2,045,910	\$2,088,874	\$2,132,740

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T5500 - General Counsel Department Total

	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
Total General Fund Operating Expense	\$4,293,678	\$1,794,957	\$3,412,292	\$3,433,838	\$3,495,479	\$3,569,067	\$3,654,765



OPERATIONS



Operations Department

Mission

To protect the public's health, safety, and water environment by effectively operating and maintaining the District's wastewater and stormwater infrastructure.

Fiscal Year 2021 Accomplishments

1. NACWA Platinum Awards for Grand Glaize, Fenton, Meramec and Missouri River Treatment Plants. [\(Strategy 5, Objective 3\)](#)
2. NACWA Gold Award for Coldwater and Lemay Treatment Plants. [\(Strategy 5, Objective 3\)](#)
3. NACWA Silver Award for Bissell Treatment Plant. [\(Strategy 5, Objective 3\)](#)
4. Treated 109,996 thousand million gallons of wastewater. Averaged 293 Million Gallons/Day. [\(Strategy 5, Objective 3\)](#)
5. Reevaluated and defined hazard boundaries of Collections System Assets. [\(Strategy 5, Objective 3\)](#)
6. Asset Management implementation continued with updates of the Asset Guide Book. It defines the asset classes and standard maintenance performance. It also standardizes the difference between spare parts and actual assets. [\(Strategy 5, Objective 3\)](#)
7. Asset Management has implemented vehicle health monitoring using Gasboy fuel tracking and Roadside Systems. [\(Strategy 5, Objective 3\)](#)



Department FY23 Strategic Business Plan			FY23														
District Strategies	Objectives	Milestones	Q1			Q2			Q3			Q4					
1	Educate and partner with stakeholders to build support																
	1.	Execute Community Outreach Programs and Engagement Programs															
		d) Lead education and outreach activities among key stakeholders and community partners to advance public understanding and awareness of MSD's roles and initiatives in improving the environmental quality within MSD's service area.															
		f) Implement communications platform (MSDPC Connect) to keep stakeholders informed of District related Capital Project activities.															
	3.	Execute Diversity and associated Outreach Programs															
		b) Continue collaboration and outreach with youth programs focused on early development of construction industry workers.															
		c) Collaborate with area programs focused on increasing opportunities for hiring low income, unemployed and underemployed individuals for District projects.															
		d) Identify opportunities which incentivizes women and minorities to enter and participate in the sewer construction industry.															
		e) Leverage 10-year anniversary of Community Benefits Agreement to increase awareness of MSD programs and positive impacts in the community.															
2	Manage the District's costs and revenues to optimize financial impacts.																
	2.	Identify and Implement Cost Savings Initiatives															
		d) Conduct assessment of worker's compensation program and evaluate strategies for reducing cost.															
	3.	Maximize Long-Term Financing Plans for District Needs															
		d) Start Rate Commission process and convene the Commission.															
		e) Prepare and submit the FY 25-28 Rate change Proposal to the Rate Commission.															
3	Integrate and improve the District's business processes.																
	2.	Integrate Capital Asset Information Across Systems (Oracle, Maximo and GIS)															
		a) Gaps/discrepancies resolved between GIS (system of record for Collection System linear capital assets) and Oracle (System of record for financial data) for pre-Oracle Go Live capital assets prior to the Oracle upgrade to the Cloud.															
	6.	Implement Integrated Wastewater Operations & Compliance Software Solution (WIMS/PIMS)															
		a) Complete project scope and requirements for a new software solution that meets the regulatory , operational, and financial needs of the District.															
		b) Create RFP for new integrated software solution.															
		c) Select and award the contract based on RFP responses.															
4	Promote appropriate standards through proactive regulatory and legislative involvement.																
	1.	Participate in Stakeholder Groups to Develop Sound Technical Basis for Regulatory Issues															
		a) Participate in Missouri-led stakeholder meetings on Clean Water Act permit fees and advocate for an equitable fee structure.															
		b) Participate in Missouri-led stakeholder meetings on nutrient reduction strategies and nutrient trading.															
		c) Participate in the Volkswagen Trust grant program stakeholder process, to help MSD affordably replace trucks with more emission friendly equipment.															
	2.	Promote Appropriate Regulatory and Legislative Initiatives that Impact All Areas of District Operations															
		a) Advocate for reasonable and affordable numeric nutrient wastewater effluent limits.															
		b) Renew the regional General Permit 44 issued by the U.S. Army Corps of Engineers to streamline stormwater and sanitary sewer infrastructure maintenance and repair.															
5	Address customer and regulatory needs through a comprehensive infrastructure management program.																
	1.	Implement Stormwater Operating and Capital Improvement Program															
		a) Implement FY 2023 stormwater CIRP program based on funds generated from reinstated OMCI taxes to address flooding and erosion including the addition of the Gravois Creek OMCI.															
	2.	Implement Wastewater Operating and Capital Improvement Program															

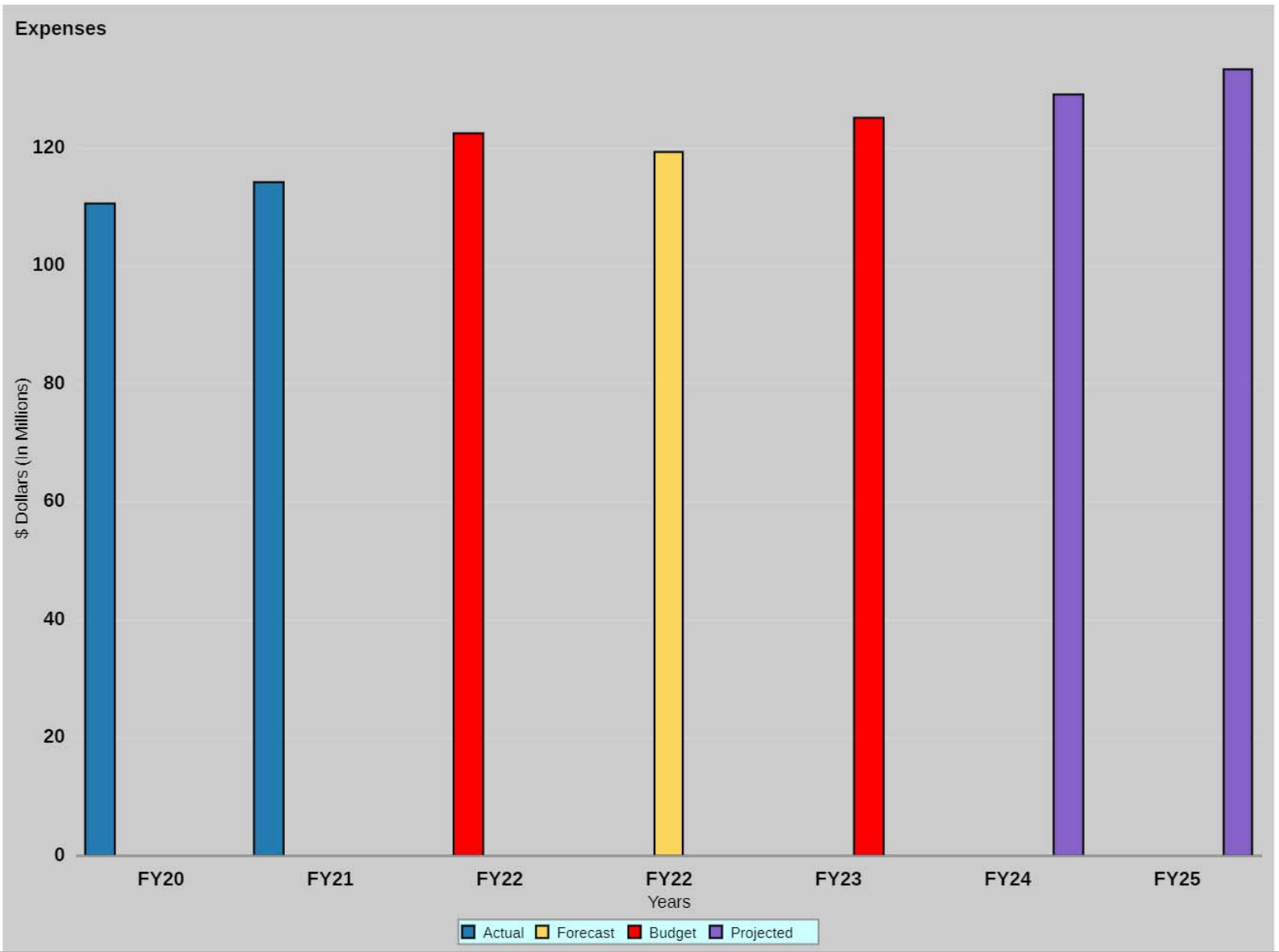
Department FY23 Strategic Business Plan			FY23													
District	Objectives	Milestones	Q1			Q2			Q3			Q4				
Strategies																
		a) Continue procurement implementation and provide training for modeling software upgrades to take advantage of new technology that will increase engineering efficiencies in flow metering, modeling, and capacity assurance analysis.														
		b) Conduct quarterly meetings with Engineering and General Counsel staffs to monitor and adjust projects in order to ensure compliance with the Consent Decree performance measure for the elimination of 85% Constructed Sanitary Overflows by the end of calendar 2023.														
		c) Complete development and implement Wastewater CIRP to comply with Consent Decree and Asset management needs based on approved District Rate Proposal.														
	3.	Implement Asset Management Program														
		a) Purchase and implement software tools necessary to support asset management plan that incorporates the monetized ratings process for the District's linear assets.														
	4.	Enhance Reliability of Information Technology Infrastructure														
		c) Continue to develop a Master Data Management (MDM) Program Strategy and associated technical infrastructure to centralize, manage and govern enterprise data (Customer, Address Parcel Owner, lateral and horizontal assets).														
	5.	Implement technologies and data driven solutions to reduce capital costs and increase utility performance														
		a) Develop Wet Weather Optimization Plan for Lemay Service Area.														
		b) Design and execute SCADA system upgrade.														
		c) Plan Wet Weather Operational Structure for Organization.														
		d) Finalize CIRP based on Wet Weather Optimization Plan for Lemay Service Area.														
	6	Create a learning and business-oriented culture based on competency and accountability.														
	2.	Improve Organizational Effectiveness through Leadership Development and Succession Management														
		a) Identify key positions that may be at risk of vacancy within the next 3-5 years and then assess the knowledge, skills, and abilities needed to support business continuity.														
	4.	Implement safety and security training to support a safe work environment														
		a) Assess security monitoring and access issues in the field and at all facilities.														
		b) Identify gaps in security, safety and incident response and reporting.														

Operations Department

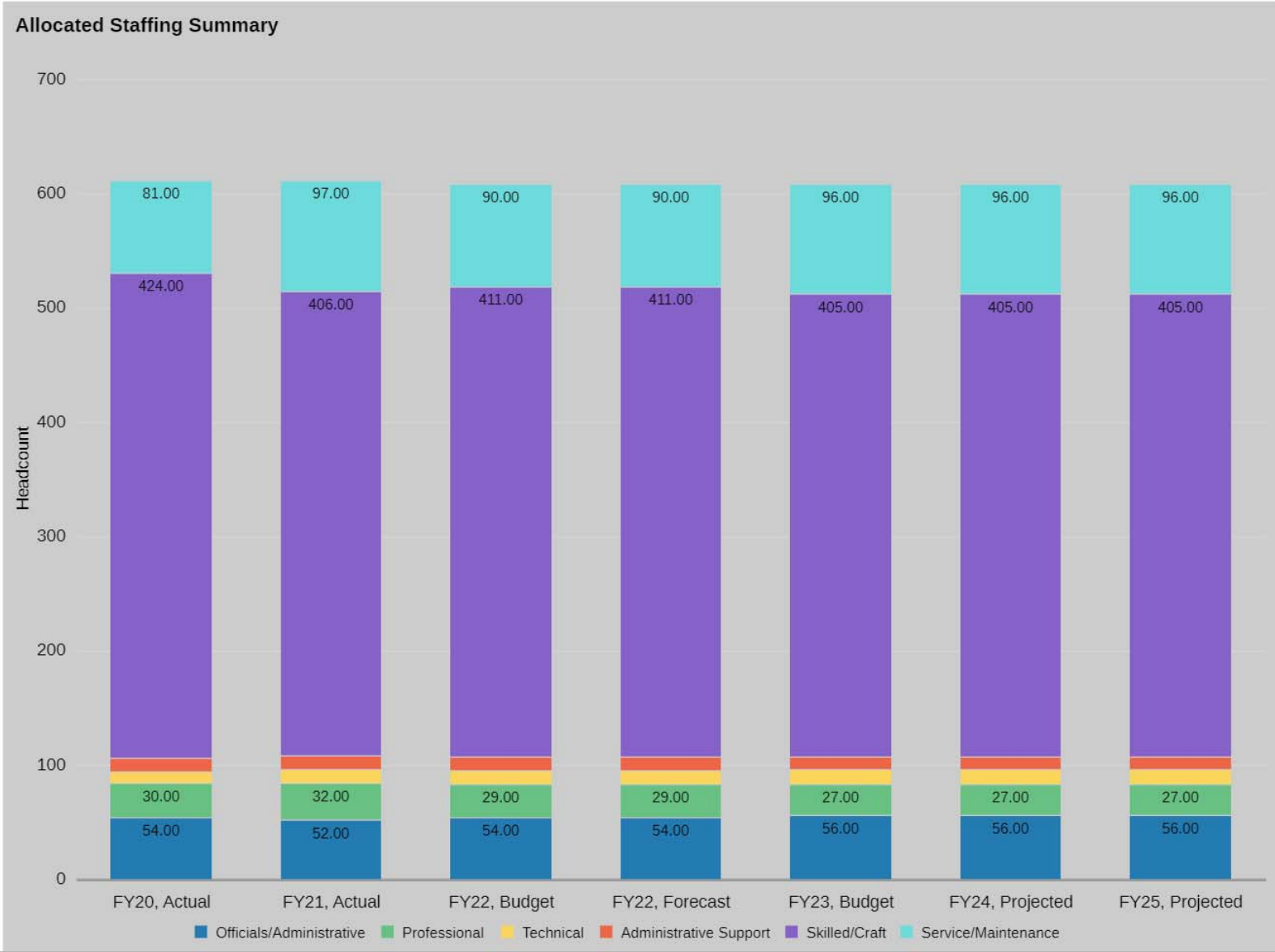
Operations Department Total

		FY20	FY21	FY22	FY22	FY23	FY24	FY25
DIVISION TO EXPENDITURE SUMMARY - DIVISION GROUPS		Actual	Actual	Budget	Forecast	Budget	Projected	Projected
Operations Administration		\$15,557,235	\$16,167,156	\$17,672,853	\$17,128,802	\$17,689,641	\$18,083,102	\$18,528,308
Treatment Plants		44,771,051	47,009,639	48,610,969	48,220,662	49,426,790	51,287,363	53,311,722
Pump Stations		15,408,957	15,681,406	18,173,360	18,287,897	19,038,426	19,721,273	20,266,605
Maintenance Yards		34,890,542	35,401,255	38,084,831	35,731,673	39,001,919	40,029,742	41,274,125
TOTAL EXPENSES		\$110,627,785	\$114,259,457	\$122,542,013	\$119,369,034	\$125,156,776	\$129,121,478	\$133,380,761
DIVISION TO EXPENDITURE SUMMARY - CATEGORY GROUPS								
51000	Personnel Expenses	\$59,906,208	\$60,750,054	\$64,867,397	\$61,615,285	\$67,883,438	\$69,592,422	\$71,740,056
52000	Supplies	13,840,982	15,255,130	17,745,907	17,791,039	17,858,442	18,437,669	18,824,860
53000	Usage	14,957,538	14,353,480	16,245,166	16,159,818	17,337,728	17,805,904	18,288,860
54000	Contractual Services	14,104,735	17,467,233	18,445,343	19,258,390	17,388,468	18,498,320	19,639,291
55000	Capital Outlay	7,818,323	6,433,559	5,238,200	4,544,502	4,688,700	4,787,163	4,887,693
TOTAL EXPENSES		\$110,627,785	\$114,259,457	\$122,542,013	\$119,369,034	\$125,156,776	\$129,121,478	\$133,380,761
ALLOCATED STAFFING SUMMARY								
Officials/Administrative		54.00	52.00	54.00	54.00	56.00	56.00	56.00
Professional		30.00	32.00	29.00	29.00	27.00	27.00	27.00
Technical		10.00	12.00	12.00	12.00	13.00	13.00	13.00
Administrative Support		12.00	12.00	12.00	12.00	11.00	11.00	11.00
Skilled/Craft		424.00	406.00	411.00	411.00	405.00	405.00	405.00
Service/Maintenance		81.00	97.00	90.00	90.00	96.00	96.00	96.00
TOTAL POSITIONS		611.00	611.00	608.00	608.00	608.00	608.00	608.00

Operations Department



Operations Department



Operations Department

Operations Administration

		FY20	FY21	FY22	FY22	FY23	FY24	FY25
<u>EXPENDITURE SUMMARY - DIVISION</u>		Actual	Actual	Budget	Forecast	Budget	Projected	Projected
Operations Support		\$8,083,926	\$7,761,122	\$9,035,584	\$8,718,349	\$9,151,342	\$9,356,063	\$9,589,055
Operations Admin		1,131,503	1,224,832	1,252,960	1,270,324	1,298,063	1,323,182	1,356,714
Garage and Shops		6,341,806	7,181,202	7,384,310	7,140,130	7,240,236	7,403,857	7,582,540
TOTAL EXPENSES		<u>\$15,557,235</u>	<u>\$16,167,156</u>	<u>\$17,672,853</u>	<u>\$17,128,802</u>	<u>\$17,689,641</u>	<u>\$18,083,102</u>	<u>\$18,528,308</u>
<u>EXPENDITURE SUMMARY - CATEGORY</u>								
51000	Personnel Expenses	\$6,284,300	\$6,182,297	\$6,518,013	\$6,145,219	\$6,434,629	\$6,586,249	\$6,784,309
52000	Supplies	4,823,110	5,290,990	6,525,778	6,483,083	6,783,408	6,925,860	7,071,303
53000	Usage	96,836	91,737	114,755	120,693	125,455	129,510	133,717
54000	Contractual Services	1,175,656	1,369,587	1,395,808	1,427,308	1,372,649	1,405,540	1,439,281
55000	Capital Outlay	3,177,332	3,232,545	3,118,500	2,952,500	2,973,500	3,035,944	3,099,698
TOTAL EXPENSES		<u>\$15,557,235</u>	<u>\$16,167,156</u>	<u>\$17,672,853</u>	<u>\$17,128,802</u>	<u>\$17,689,641</u>	<u>\$18,083,102</u>	<u>\$18,528,308</u>
<u>ALLOCATED STAFFING SUMMARY</u>								
Officials/Administrative		8.00	7.00	7.00	7.00	7.00	7.00	7.00
Professional		8.00	10.00	8.00	8.00	8.00	8.00	8.00
Technical		10.00	12.00	12.00	12.00	13.00	13.00	13.00
Administrative Support		12.00	12.00	12.00	12.00	11.00	11.00	11.00
Skilled/Craft		17.00	17.00	17.00	17.00	15.00	15.00	15.00
Service/Maintenance		6.00	6.00	5.00	5.00	5.00	5.00	5.00
TOTAL POSITIONS		<u>61.00</u>	<u>64.00</u>	<u>61.00</u>	<u>61.00</u>	<u>59.00</u>	<u>59.00</u>	<u>59.00</u>

Operations Department

Treatment Plants							
	FY20	FY21	FY22	FY22	FY23	FY24	FY25
EXPENDITURE SUMMARY - DIVISION	Actual	Actual	Budget	Forecast	Budget	Projected	Projected
Bissell Treatment Plant	\$16,747,040	\$17,015,720	\$17,329,989	\$17,325,346	\$17,669,773	\$18,725,658	\$19,837,381
Coldwater Treatment Plant	3,810,740	3,651,559	3,847,681	3,812,774	3,894,412	3,989,827	4,102,849
Lemay Treatment Plant	11,049,315	11,886,884	11,933,047	11,827,341	12,179,901	12,503,530	12,858,478
Meramec Watershed Plant	7,986,790	9,154,975	9,834,670	9,637,414	9,820,043	10,066,629	10,352,168
Missouri River Treatment Plant	5,177,167	5,300,501	5,665,583	5,617,787	5,862,660	6,001,719	6,160,847
TOTAL EXPENSES	\$44,771,051	\$47,009,639	\$48,610,969	\$48,220,662	\$49,426,790	\$51,287,363	\$53,311,722
EXPENDITURE SUMMARY - CATEGORY							
51000 Personnel Expenses	\$18,164,033	\$19,308,677	\$20,353,374	\$19,634,827	\$21,665,539	\$22,218,870	\$22,902,899
52000 Supplies	5,299,548	6,352,841	6,848,371	6,814,637	7,130,888	7,280,637	7,433,530
53000 Usage	10,956,884	10,747,969	11,906,186	12,052,986	12,710,517	13,056,122	13,412,761
54000 Contractual Services	7,081,136	8,766,106	8,766,538	8,941,109	7,577,846	8,382,552	9,206,017
55000 Capital Outlay	3,269,450	1,834,045	736,500	777,104	342,000	349,182	356,515
TOTAL EXPENSES	\$44,771,051	\$47,009,639	\$48,610,969	\$48,220,662	\$49,426,790	\$51,287,363	\$53,311,722
ALLOCATED STAFFING SUMMARY							
Officials/Administrative	19.00	18.00	19.00	19.00	18.00	18.00	18.00
Professional	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Technical	-	-	-	-	-	-	-
Administrative Support	-	-	-	-	-	-	-
Skilled/Craft	141.00	130.00	135.00	135.00	139.00	139.00	139.00
Service/Maintenance	19.00	29.00	29.00	29.00	27.00	27.00	27.00
TOTAL POSITIONS	184.00	182.00	188.00	188.00	189.00	189.00	189.00

Operations Department

Pump Stations							
EXPENDITURE SUMMARY - DIVISION	FY20	FY21	FY22	FY22	FY23	FY24	FY25
	Actual	Actual	Budget	Forecast	Budget	Projected	Projected
Technical Services Operations	\$1,825,971	\$1,953,937	\$3,182,605	\$3,338,911	\$3,400,788	\$3,477,342	\$3,563,708
Bissell Pump Station	3,310,344	3,878,446	4,311,852	4,287,284	4,418,835	4,529,301	4,654,837
Lemay Pump Station	5,753,962	5,504,419	6,064,648	6,011,847	6,478,309	6,637,720	6,819,853
County Pump Station	4,518,680	4,344,604	4,614,254	4,649,855	4,740,493	5,076,910	5,228,207
TOTAL EXPENSES	\$15,408,957	\$15,681,406	\$18,173,360	\$18,287,897	\$19,038,426	\$19,721,273	\$20,266,605
EXPENDITURE SUMMARY - CATEGORY							
51000 Personnel Expenses	\$6,457,983	\$6,464,633	\$6,605,406	\$6,854,612	\$7,470,204	\$7,645,899	\$7,874,617
52000 Supplies	1,277,201	1,513,708	2,219,646	2,292,422	1,790,364	2,032,162	2,074,837
53000 Usage	3,631,505	3,230,281	3,958,026	3,719,677	4,169,401	4,273,260	4,379,993
54000 Contractual Services	2,120,907	3,265,658	4,250,281	4,849,487	4,458,457	4,595,802	4,738,351
55000 Capital Outlay	1,921,361	1,207,127	1,140,000	571,698	1,150,000	1,174,150	1,198,807
TOTAL EXPENSES	\$15,408,957	\$15,681,406	\$18,173,360	\$18,287,897	\$19,038,426	\$19,721,273	\$20,266,605
ALLOCATED STAFFING SUMMARY							
Officials/Administrative	6.00	6.00	7.00	7.00	7.00	7.00	7.00
Professional	6.00	6.00	5.00	5.00	6.00	6.00	6.00
Technical	-	-	-	-	-	-	-
Administrative Support	-	-	-	-	-	-	-
Skilled/Craft	38.00	37.00	39.00	39.00	42.00	42.00	42.00
Service/Maintenance	-	-	-	-	-	-	-
TOTAL POSITIONS	50.00	49.00	51.00	51.00	55.00	55.00	55.00

Operations Department

Maintenance Yards

		FY20	FY21	FY22	FY22	FY23	FY24	FY25
<u>EXPENDITURE SUMMARY - DIVISION</u>		Actual	Actual	Budget	Forecast	Budget	Projected	Projected
Mintert Yard		\$11,899,437	\$12,444,219	\$13,001,237	\$12,499,278	\$13,330,793	\$13,667,881	\$14,087,900
Sulphur Yard		11,721,007	12,061,021	13,103,455	11,997,438	13,193,507	13,546,208	13,967,211
Grand Glaize Yard		11,270,097	10,896,016	11,980,139	11,234,957	12,477,618	12,815,652	13,219,014
TOTAL EXPENSES		<u>\$34,890,542</u>	<u>\$35,401,255</u>	<u>\$38,084,831</u>	<u>\$35,731,673</u>	<u>\$39,001,919</u>	<u>\$40,029,742</u>	<u>\$41,274,125</u>
<u>EXPENDITURE SUMMARY - CATEGORY</u>								
51000	Personnel Expenses	\$28,999,891	\$28,794,447	\$31,390,605	\$28,980,626	\$32,313,066	\$33,141,404	\$34,178,231
52000	Supplies	2,441,123	2,097,592	2,152,112	2,200,898	2,153,782	2,199,011	2,245,191
53000	Usage	272,312	283,493	266,198	266,462	332,355	347,012	362,389
54000	Contractual Services	3,727,036	4,065,881	4,032,717	4,040,487	3,979,516	4,114,427	4,255,642
55000	Capital Outlay	(549,820)	159,842	243,200	243,200	223,200	227,887	232,673
TOTAL EXPENSES		<u>\$34,890,542</u>	<u>\$35,401,255</u>	<u>\$38,084,831</u>	<u>\$35,731,673</u>	<u>\$39,001,919</u>	<u>\$40,029,742</u>	<u>\$41,274,125</u>
<u>ALLOCATED STAFFING SUMMARY</u>								
	Officials/Administrative	21.00	21.00	21.00	21.00	24.00	24.00	24.00
	Professional	11.00	11.00	11.00	11.00	8.00	8.00	8.00
	Technical	-	-	-	-	-	-	-
	Administrative Support	-	-	-	-	-	-	-
	Skilled/Craft	228.00	222.00	220.00	220.00	209.00	209.00	209.00
	Service/Maintenance	56.00	62.00	56.00	56.00	64.00	64.00	64.00
TOTAL POSITIONS		<u>316.00</u>	<u>316.00</u>	<u>308.00</u>	<u>308.00</u>	<u>305.00</u>	<u>305.00</u>	<u>305.00</u>

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T6000 - Operations Department Total

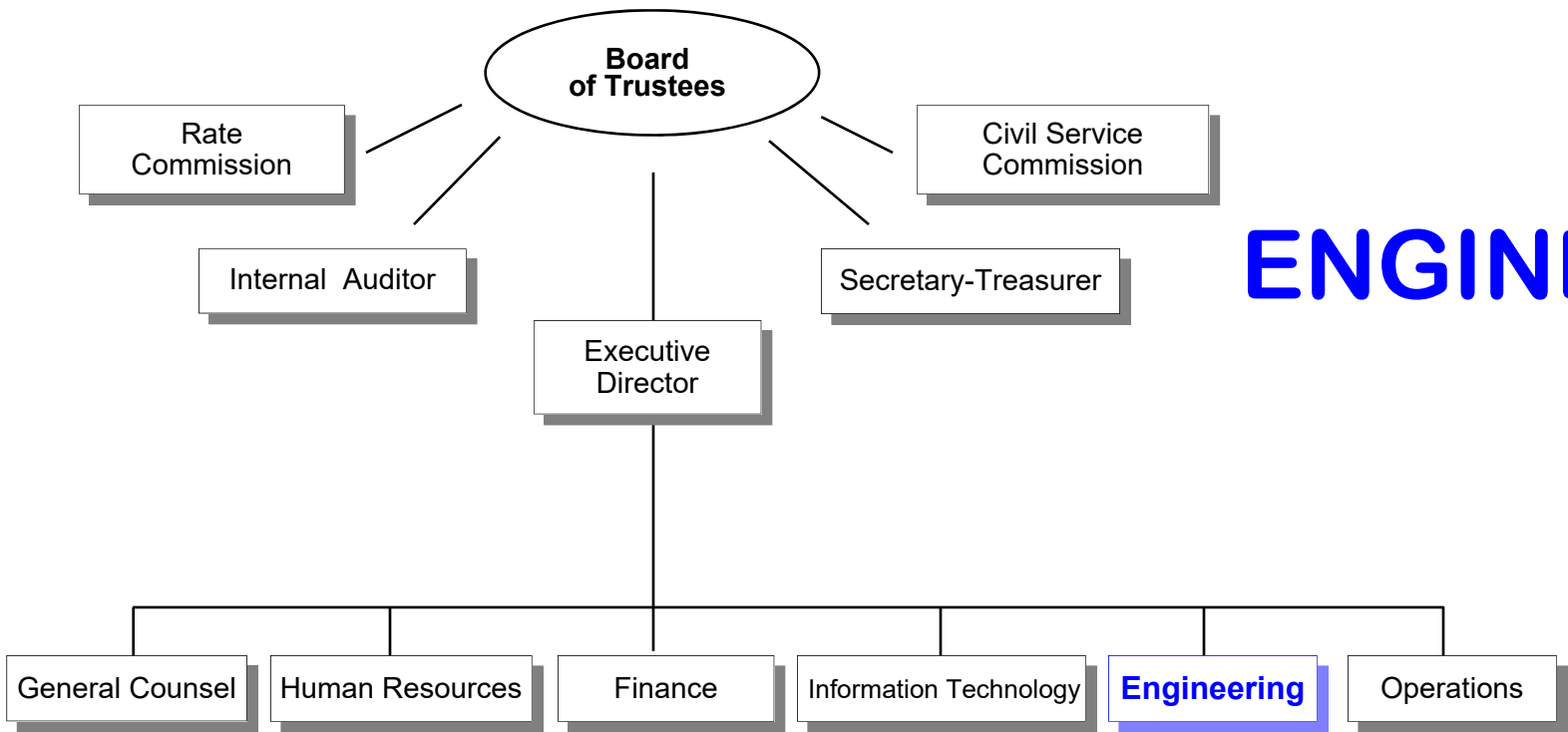
	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
51010 Salaries & Wages	40,056,730	41,700,604	44,127,321	41,408,754	45,655,354	47,025,015	48,435,765
51020 Overtime	2,424,493	1,466,468	2,401,806	2,372,278	2,407,883	2,480,119	2,554,523
51030 Compensatory Pay Accrual	56	1,774	-	6,387	-	-	-
51060 Worker's Compensation Pay	65,067	82,657	-	113,990	-	-	-
51100 Emp Service & Incentive Awards	957	-	-	-	-	-	-
51120 Membership & Licensing Fees	10,402	78,864	87,298	87,298	88,901	90,768	92,674
51210 FICA Taxes	3,091,552	3,168,694	3,559,478	3,184,661	3,676,838	3,787,143	3,900,757
51220 Group Insurance	5,075,551	4,899,443	6,186,207	5,444,696	6,555,971	7,062,774	7,609,733
51230 Pension Contributions-Defined Benefit Plan	7,679,340	7,600,362	7,003,095	7,067,791	7,213,686	6,861,799	6,861,799
51231 Pension Contributions-Defined Contribution Plan	1,502,057	1,393,043	1,064,238	1,553,234	1,777,071	1,777,071	1,777,071
51233 DC Plan-Matching Contributions	-	358,144	437,954	376,195	507,734	507,734	507,734
Total Personnel Services	\$59,906,208	\$60,750,054	\$64,867,397	\$61,615,285	\$67,883,438	\$69,592,422	\$71,740,056
52010 Fuels,Lubricants,Gases	1,103,998	1,004,131	1,266,643	1,419,991	1,411,593	1,441,236	1,471,502
52020 Motor Vehicle Parts & Equip	404,389	382,539	487,305	487,561	474,225	484,184	494,352
52030 Machinery & Equipment Parts	3,100,558	4,516,390	4,650,484	4,787,314	4,608,780	4,705,564	4,804,381
52040 Machinery & Equipment - Non-Capital	39,267	94,238	59,000	259,306	88,186	90,038	91,929
52050 Construction & Bldg Supplies	1,968,489	2,263,959	2,823,965	2,670,868	2,728,250	2,785,543	2,844,040
52070 Hardware	111,597	132,028	139,727	144,584	145,679	148,738	151,862
52080 Hose Supplies	165,479	190,629	191,584	201,594	194,534	198,619	202,790
52090 Electrical Supplies	959,804	1,267,628	1,404,955	1,184,337	1,323,810	1,351,610	1,379,994
52100 Instrument Supplies	616,392	789,953	755,529	788,135	787,489	804,026	820,911
52110 Chemical Supplies	3,089,661	2,843,372	3,625,126	3,605,683	3,876,350	4,161,953	4,249,354
52120 Laboratory Supplies	9,943	6,455	11,972	12,972	12,570	12,834	13,103
52150 Plumbing Supplies	385,625	446,404	434,204	464,392	456,054	465,631	475,409
52160 Paint Supplies	39,535	41,395	54,763	63,131	62,275	63,583	64,918
52170 Safety Supplies	412,793	483,969	566,526	490,481	459,688	469,341	479,198
52220 Janitorial Supplies	109,667	93,472	126,705	126,575	115,487	117,912	120,388
52240 Hand Tools	417,107	440,465	385,046	455,442	389,615	397,797	406,151
52280 Uniforms	272,268	269,209	309,383	312,369	329,264	336,179	343,238
52300 Safety Footwear	108,523	141,529	152,750	152,750	153,000	156,213	159,493
52310 Telephone/Communic Equip/Suppl	16,882	16,112	65,368	65,627	7,160	7,310	7,464
52320 Office Supplies	31,574	23,184	39,094	44,122	34,830	35,561	36,308
52330 Computer Supplies	77,880	35,060	94,100	100,347	99,972	102,071	104,215

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T6000 - Operations Department Total

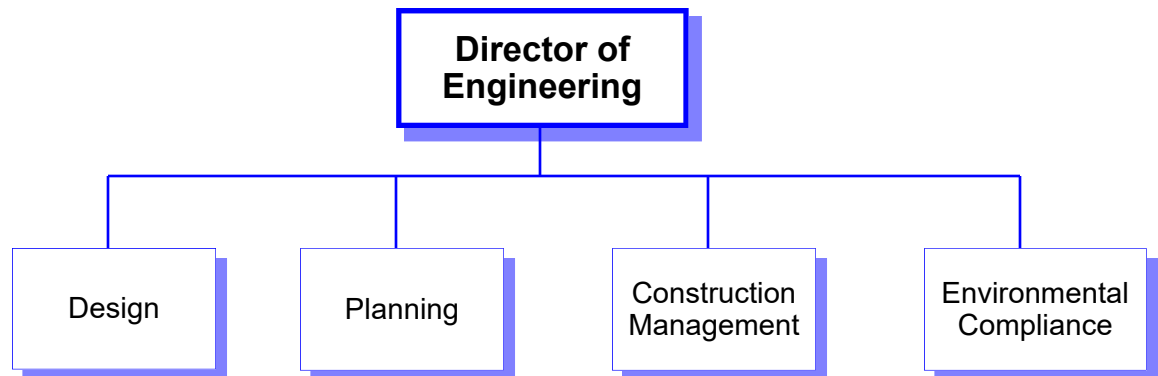
	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
52340 Computer Equipment - Non-Capital	45,199	8,713	17,118	23,398	14,881	15,194	15,513
52360 Grounds Supplies	17,782	19,446	27,495	27,645	27,320	27,894	28,479
52370 Photo & Video Supplies	6,960	3,805	7,250	7,140	6,700	6,841	6,984
52380 Publications/Training Supplies	2,143	1,761	8,180	8,180	8,555	8,735	8,918
52390 Administrative Supplies	5,954	9,690	17,760	18,260	17,300	17,663	18,034
52400 Furniture & Office Equipment - Non-Capital	28,593	74,929	23,875	75,511	24,875	25,397	25,931
52990 Inventory (I/D)	302,366	(341,096)	-	(201,943)	-	-	-
52991 Inventory Obsolence	(9,448)	(4,239)	-	(4,732)	-	-	-
Total Supplies	\$13,840,982	\$15,255,130	\$17,745,907	\$17,791,039	\$17,858,442	\$18,437,669	\$18,824,860
53060 Electric Usage	12,069,378	11,357,856	12,762,000	12,618,083	13,645,400	13,959,244	14,280,307
53070 Natural Gas Usage	1,879,662	1,813,980	2,275,280	2,275,281	2,456,790	2,530,494	2,606,408
53080 Water Usage	723,363	879,500	919,785	949,209	942,557	1,008,536	1,079,134
53270 Telephone Usage	285,135	302,145	288,101	317,244	292,981	307,630	323,012
Total Usage	\$14,957,538	\$14,353,480	\$16,245,166	\$16,159,818	\$17,337,728	\$17,805,904	\$18,288,860
54010 Postage	-	-	130	130	30	31	31
54050 Office System Services	25,894	16,859	17,083	12,218	20,978	21,419	21,868
54060 Printing Services	6,022	6,207	5,760	5,762	5,637	5,755	5,876
54100 Travel Expenses	63,510	30,134	87,631	86,131	101,213	103,329	105,488
54140 Training Programs/Seminar Fees	142,936	116,526	184,780	195,601	134,436	137,260	140,140
54141 Required Training Programs	4,431	14,443	30,509	34,465	18,475	18,863	19,259
54180 Courier And Freight	63,600	69,419	103,279	109,309	86,767	88,589	90,449
54190 Property & Other Space Rental	16,076	33,454	17,120	17,120	17,720	18,092	18,472
54520 Professional Service	781,453	933,260	944,500	945,300	769,750	785,915	802,419
54530 Building Repairs & Services	753,736	946,890	1,519,490	1,808,726	1,320,415	1,348,144	1,376,455
54540 Janitorial Services	1,043,350	1,430,310	1,344,594	1,290,719	995,800	1,016,712	1,038,063
54550 Grounds Services	686,201	674,457	823,167	866,062	930,529	950,070	970,022
54560 Motor Vehicle Services	257,807	290,142	329,700	365,538	337,300	347,419	357,842
54570 Machinery & Equipment Services	1,606,892	3,875,225	3,380,530	3,118,726	3,333,935	3,410,616	3,489,060
54580 Equipment Rental	629,684	604,767	480,923	424,079	481,848	496,303	511,193
54590 Sewer Rep & Structure Cleaning	1,899,255	1,605,122	1,611,500	1,644,933	1,570,650	1,680,596	1,798,237
54600 Electrical Repair Services	765,757	1,061,897	1,171,750	1,314,902	1,417,250	1,488,113	1,562,518
54610 Instrument Repair Services	263,124	297,022	323,929	710,656	352,936	360,348	367,915
54620 Plumbing Services	915,028	1,020,975	761,854	777,395	767,316	783,429	799,881

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T6000 - Operations Department Total

	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
54630 HVAC Services	378,486	468,000	510,004	738,702	399,562	407,953	416,520
54640 Damage Repairs & Services	1,066	3,566	11,000	11,000	11,000	11,231	11,467
54650 Waste Hauling	1,650,327	1,486,969	1,600,566	1,595,316	1,648,794	1,683,419	1,718,770
54660 Ash Hauling	338,375	541,696	1,036,654	1,036,654	365,222	985,492	1,618,787
54670 Other Governmental Fees	896,427	1,123,422	1,186,834	1,187,054	1,157,866	1,182,181	1,207,007
54680 Laboratory Testing Services	374,420	299,247	377,820	377,570	560,490	572,260	584,278
54690 Safety Services	72,618	53,665	96,237	96,322	96,050	98,067	100,126
54700 Asbestos Removal Services	103,761	57,306	32,500	32,500	30,000	30,630	31,273
54720 Tree Removal/Weed Spraying	364,501	406,253	455,500	455,500	456,500	466,087	475,874
Total Contractual Services	\$14,104,735	\$17,467,233	\$18,445,343	\$19,258,390	\$17,388,468	\$18,498,320	\$19,639,291
55030 Structural Improvements	202,289	355,099	125,000	222,787	100,000	102,100	104,244
55040 Processing Equipment	3,305,464	2,247,882	727,000	781,834	617,000	629,957	643,186
55050 Auxiliary Equipment	366,018	1,382	188,000	195,271	8,500	8,678	8,861
55060 Motor Vehicles	2,957,527	3,053,681	3,100,000	2,950,000	2,955,000	3,017,055	3,080,413
55070 Machinery & Implements	491,848	667,745	512,000	203,000	472,000	481,912	492,032
55080 Instruments & Apparatus	495,176	28,867	101,200	116,610	26,200	26,750	27,312
55090 Furniture & Office Equipment	-	23,903	20,000	20,000	20,000	20,420	20,849
55110 Computer Equipment	-	55,000	465,000	55,000	490,000	500,290	510,796
Total Capital Outlay	\$7,818,323	\$6,433,559	\$5,238,200	\$4,544,502	\$4,688,700	\$4,787,163	\$4,887,693
Total General Fund Operating Expense	\$110,627,785	\$114,259,457	\$122,542,013	\$119,369,034	\$125,156,776	\$129,121,478	\$133,380,761



ENGINEERING



Engineering

Mission

To responsibly deliver and regulate stormwater and wastewater facilities to protect the water environment.

Fiscal Year 2021 Accomplishments

1. MSD implemented the stakeholder process for the MS4 application and Stormwater Management Plan. The application and Plan were completed after extensive public input opportunities in FY21 and was also submitted to DNR in FY21. DNR approved the plan in FY22. This milestone is complete.

No VW grant funding opportunities were available in FY21. There is an opportunity in FY22. ([Strategy 4, Objective 1](#))

2. The EPA approved the 208 Plan modification on 10/19/21. The Planning Division has removed from the capital program, the projects associated with the former 208 Plan. ([Strategy N/A, Objective N/A](#))
3. Developed and submitted TMDL implementation plans for Gravois Creek and Maline Creek. The plan approach is consistent with other watershed plans that DNR already approved. Awaiting DNR approval. ([Strategy 4, Objective 2](#))
4. Continued to implement projects related to Project Clear to reduce the constructed SSOs and improve the capacity of the sanitary and combined sewer systems. The Capital Construction Division kicked off a total of 93 new construction projects accounting for approximately \$315 million in construction spending. During Fiscal Year 2021 approximately 54 miles of pipe ranging in size from 6-inch to 72-inch were rehabilitated using Cured-In-Place Pipe or other rehabilitation methods. In addition to rehabilitated pipe the Construction Division managed the construction of over 65,000 feet of new sanitary sewer ranging in size from 6-inch to 72-inch. Also projects were completed which made improvements at the Lemay 1 Pump Station, Lemay WWTF, Bissell WWTF, Grand Glaize WWTF and other existing pumps stations and treatment facilities and major new facility projects were completed such as the Gravois Wet Weather Storage Facility and Maline Creek CSO Local Storage Facility. In addition to the Capital Construction Division the Development Inspection Division of Construction Management completed over 270 BMP approvals and assisted in the inspection of 1,500 post construction BMP inspections. This group also inspected over 53 miles of private development sewer that will be dedicated to MSD upon final construction approval. ([Strategy 5, Objective 2](#))
5. Continued ongoing State Revolving Fund low interest loan program administration. Submitted applications in FY21 to MDNR for \$40.2 Million in loan funding and a \$1 Million Grant for the MSD Public I/I Reduction Program Phase VI, and \$182.5 Million for two phased SRF loans for the Lower Meramec Tunnel project. The \$1 Million grant reimbursement was received from MDNR in FY21. Added 7 CIPP construction projects to the MSD Public I/I Reduction Program in FY21. Obtained \$2.872 Million in supplemental Corps of Engineers funding, to enable the Corps to begin construction of the Harlem Baden Relief Phase IV (Hebert) – Goodfellow to Hamilton project. Continued ongoing program administration of a \$2.783 Million stormwater grant from MDNR to provide 50% reimbursement of construction costs on 11 stormwater

projects, obtaining approval from MDNR to add a project constructed by the City of St. Louis to the program. Obtained MDNR plan/spec approval for all projects, which have all proceeded to bidding. [\(Strategy 2, Objective 3\)](#)

6. Transitioning the CIRP out of watershed consultants to meet the design needs. Continued to implement the design related to Project Clear and the Stormwater Program, with a total design appropriate of \$34 million. Designed and contracted for 414 infrastructure repair projects totaling \$5.6 million. Successfully acquired 223 easements and closed upon 1 resident relocations, to allow for capital construction project. Processed and administered consultant selection RFQs/RFPs for 17 engineering contracts/projects, 15 for wastewater and 2 for stormwater. As well, 2 general services providers were selected for various tasks. Completed the 2021-2022 Capital Improvement and Replacement (CIRP) budgeting process and published the Budget Supplement document. The program consists of 144 projects totaling \$353 million in design and construction, planned for FY22. [\(Strategy 5, Objective 2\)](#)
7. Initiated the Inflow and Infiltration Allocation Study, selected a firm to perform the study and began data collection. Evaluated performance of inflow and infiltration projects using post construction flow monitoring and hydraulic modeling. This evaluation is needed for confirmation of the scope of future sanitary relief projects needed to eliminate constructed Sanitary Sewer Overflow Outfalls and provide capacity assurance. In FY21, this review was able to eliminate 2 projects, with \$2 million eliminated in capital costs. Additionally, 3 constructed SSO outfalls were removed based on post construction flow monitoring and without the need for a future sanitary relief project. [\(Strategy 5, Objective 2\)](#)
8. Implemented the \$8 million Stormwater CIRP from OMCI taxes for six OMCI subdistricts. Coordinated with all municipalities regarding the 50/50 split of funds in five of the six OMCI. Initiated the municipal stormwater grant program for OMCI funding of municipal stormwater work, which allows for approximately \$4 million in OMCI funds to be spent by municipalities within the OMCI. [\(Strategy 5, Objective 1\)](#)
9. Began the Wet Weather Optimization Project (WWOP) (13436) and SCADA Upgrades Project (13467). WWOP recommended modeling and optimization software, as well as the selection of a pilot location to test control strategies that would reduce CSO volume. The project team updated the Lemay Service Area model in FY21, identifying data sources to incorporate into the pilot/program dashboard, and determining alternatives for different optimization scenarios. The SCADA Upgrades Project kicked off in March 2021, and has focused on data gathering, existing network evaluation, and workshops to identify business needs for the District. The SCADA Upgrades Project team is in close coordination with the WWOP team in order to identify the equipment required for communication between remote monitoring and control point locations. The Baden “pilot” optimization project at the North Pointe Detention Basin was designed, and construction plans and specifications were completed. The project was bid in early summer of 2021. [\(Strategy 5, Objective 5\)](#)
10. Participated in assessing core business processes and the functionality of Oracle EBS 12.2 regarding capital projects and related functions. Investigated, coordinated, and set up security and retention requirements for Laserfiche to address movement of Digital library, Project Archive, and consultant selection records from network drives. Worked directly with consultant in addition to IG and IT. [\(Strategy 3, Objective 4\)](#)

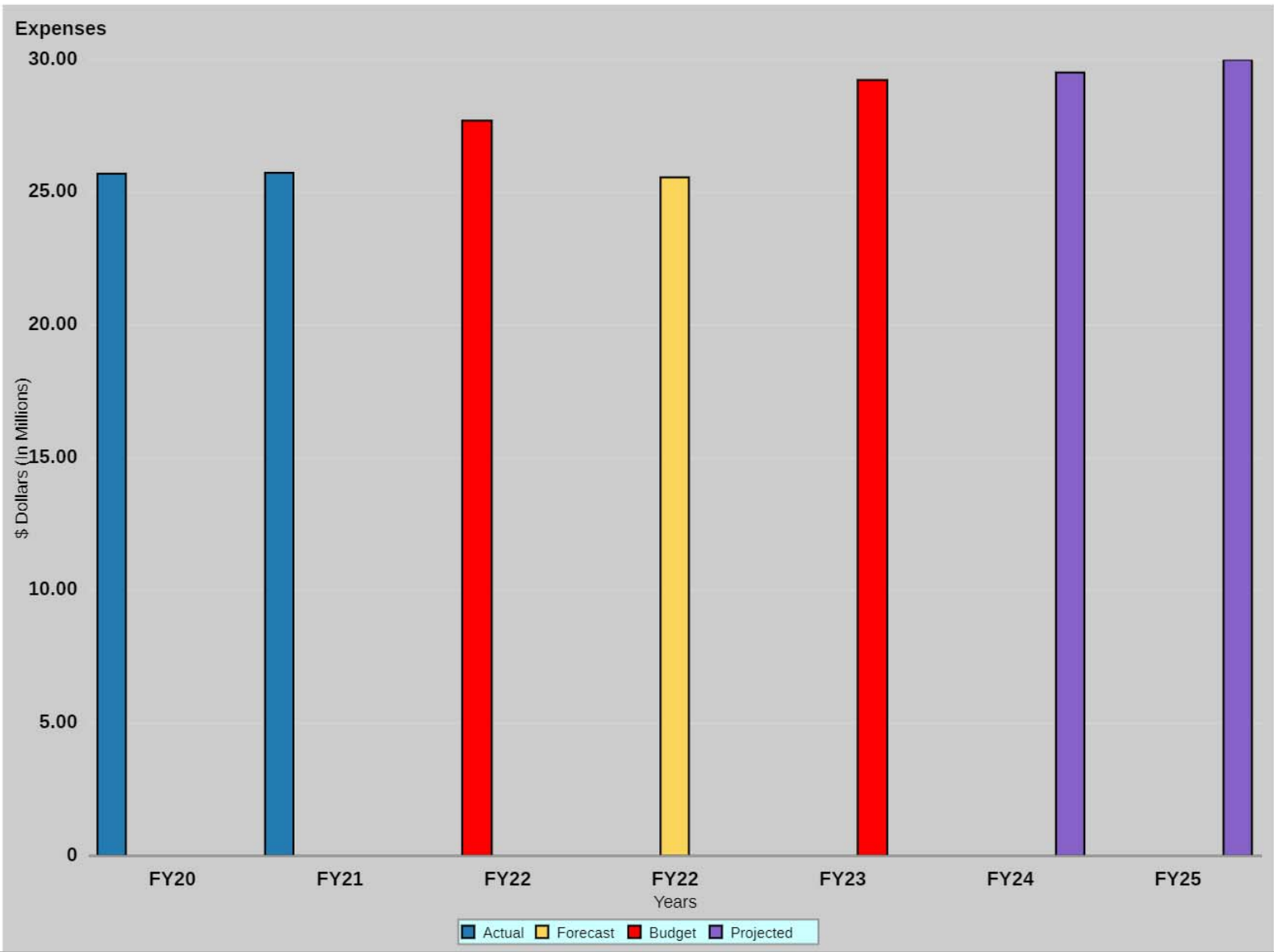
Department FY23 Strategic Business Plan			FY23											
District Strategies	Objectives	Milestones	Q1			Q2			Q3			Q4		
			1	Educate and partner with stakeholders to build support										
	1.	Execute Community Outreach Programs and Engagement Programs												
		a) Develop draft employee talking point protocol for Stormwater Capital Program.												
		b) Gather employee input for employee talking point protocol for Stormwater Capital Program.												
		c) Develop plan to engage stakeholder groups for specific deliverables for Stormwater Capital Program.												
		d) Lead education and outreach activities among key stakeholders and community partners to advance public understanding and awareness of MSD's roles and initiatives in improving the environmental quality within MSD's service area.												
		e) Develop a robust communications plan around the overall Green Infrastructure (Rainscaping) Program.												
		f) Implement communications platform (MSDPC Connect) to keep stakeholders informed of District related Capital Project activities.												
	2.	Execute outreach programs for elected representatives and other municipal officials.												
		a) Inform and engage officials on results of public's desire for a District-wide stormwater capital program.												
		b) Gather information from Municipal Stakeholders on how to administer a stormwater capital program.												
		c) Engage elected officials to help build their understanding and awareness of MSD's roles and initiatives in improving the environmental quality within their communities.												
	3.	Execute Diversity and associated Outreach Programs												
		a) Continue implementation of Disparity Study results and recommendations based on findings, evaluate need for workforce development grants and update diversity programs as necessary.												
		b) Continue collaboration and outreach with youth programs focused on early development of construction industry workers.												
		c) Collaborate with area programs focused on increasing opportunities for hiring low income, unemployed and underemployed individuals for District projects.												
		d) Identify opportunities which incentivizes women and minorities to enter and participate in the sewer construction industry.												
		e) Leverage 10-year anniversary of Community Benefits Agreement to increase awareness of MSD programs and positive impacts in the community.												
2	Manage the District's costs and revenues to optimize financial impacts.													
	3.	Maximize Long-Term Financing Plans for District Needs												
		b) Update rate model to include results of Inflow and Infiltration (I/I) Allocation Study.												
		d) Start Rate Commission process and convene the Commission.												
		e) Prepare and submit the FY 25-28 Rate change Proposal to the Rate Commission.												
3	Integrate and improve the District's business processes.													
	2.	Integrate Capital Asset Information Across Systems (Oracle, Maximo and GIS)												
		a) Gaps/discrepancies resolved between GIS (system of record for Collection System linear capital assets) and Oracle (System of record for financial data) for pre-Oracle Go Live capital assets prior to the Oracle upgrade to the Cloud.												
	3.	Oracle EBS Upgrade and Outsources Payroll & Benefits												
		a) Continue implementation of HRMS, Finance, Treasury, Capital Projects and Purchasing.												
		b) User Acceptance, Training, and Go Live.												
	6.	Implement Integrated Wastewater Operations & Compliance Software Solution (WIMS/PIMS)												
		a) Complete project scope and requirements for a new software solution that meets the regulatory , operational, and financial needs of the District.												
		b) Create RFP for new integrated software solution.												
		c) Select and award the contract based on RFP responses.												
	7.	Implement updated Construction Document Management System (PROLOG)												
		a) Procure and implement replacement construction management software system needed for large facility projects.												
		b) Complete training on construction management system.												

Department FY23 Strategic Business Plan			FY23														
District	Objectives	Milestones	Q1			Q2			Q3			Q4					
Strategies																	
4	Promote appropriate standards through proactive regulatory and legislative involvement.																
	1.	Participate in Stakeholder Groups to Develop Sound Technical Basis for Regulatory Issues															
		a) Participate in Missouri-led stakeholder meetings on Clean Water Act permit fees and advocate for an equitable fee structure.															
		b) Participate in Missouri-led stakeholder meetings on nutrient reduction strategies and nutrient trading.															
	2.	Promote Appropriate Regulatory and Legislative Initiatives that Impact All Areas of District Operations															
		a) Advocate for reasonable and affordable numeric nutrient wastewater effluent limits.															
		b) Renew the regional General Permit 44 issued by the U.S. Army Corps of Engineers to streamline stormwater and sanitary sewer infrastructure maintenance and repair.															
5	Address customer and regulatory needs through a comprehensive infrastructure management program.																
	1.	Implement Stormwater Operating and Capital Improvement Program															
		a) Implement FY 2023 stormwater CIRP program based on funds generated from reinstated OMCI taxes to address flooding and erosion including the addition of the Gravois Creek OMCI.															
		b) Administer OMCI Municipal Grant Program with funding from reinstated OMCI taxes to address the needs of the municipalities served by the OMCI's.															
		c) Continue development of Stormwater CIRP to address flooding and erosion based on District Rate proposal.															
	2.	Implement Wastewater Operating and Capital Improvement Program															
		a) Continue procurement implementation and provide training for modeling software upgrades to take advantage of new technology that will increase engineering efficiencies in flow metering, modeling, and capacity assurance analysis.															
		b) Conduct quarterly meetings with Engineering and General Counsel staffs to monitor and adjust projects in order to ensure compliance with the Consent Decree performance measure for the elimination of 85% Constructed Sanitary Overflows by the end of calendar 2023.															
		c) Complete development and implement Wastewater CIRP to comply with Consent Decree and Asset management needs based on approved District Rate Proposal.															
	3.	Implement Asset Management Program															
		a) Purchase and implement software tools necessary to support asset management plan that incorporates the monetized ratings process for the District's linear assets.															
	4.	Enhance Reliability of Information Technology Infrastructure															
		c) Continue to develop a Master Data Management (MDM) Program Strategy and associated technical infrastructure to centralize, manage and govern enterprise data (Customer, Address Parcel Owner, lateral and horizontal assets).															
	5.	Implement technologies and data driven solutions to reduce capital costs and increase utility performance															
		a) Develop Wet Weather Optimization Plan for Lemay Service Area.															
		b) Design and execute SCADA system upgrade.															
		c) Plan Wet Weather Operational Structure for Organization.															
		d) Finalize CIRP based on Wet Weather Optimization Plan for Lemay Service Area.															
6	Create a learning and business-oriented culture based on competency and accountability.																
	2.	Improve Organizational Effectiveness through Leadership Development and Succession Management															
		a) Identify key positions that may be at risk of vacancy within the next 3-5 years and then assess the knowledge, skills, and abilities needed to support business continuity.															

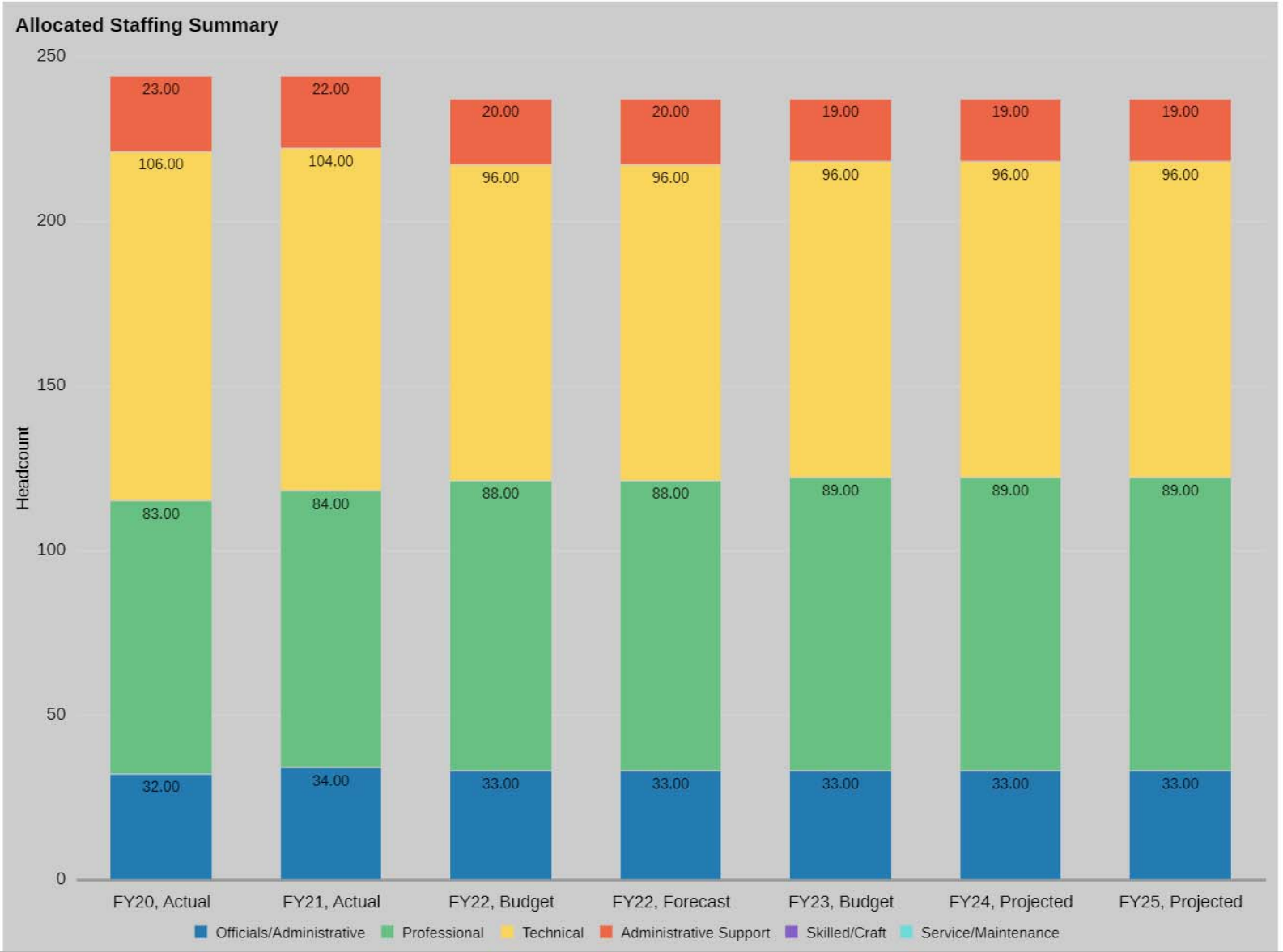
Engineering Department

		FY20	FY21	FY22	FY22	FY23	FY24	FY25
EXPENDITURE SUMMARY - DIVISION		Actual	Actual	Budget	Forecast	Budget	Projected	Projected
Design		\$5,542,590	\$5,717,850	\$6,256,878	\$5,861,713	\$6,463,180	\$6,609,290	\$6,802,706
Planning		7,498,429	7,711,327	7,843,692	7,202,670	8,666,755	8,645,875	8,895,425
Construction Management		7,099,737	6,956,360	7,732,541	6,914,814	7,969,920	8,170,119	8,425,077
Environmental Compliance		5,566,843	5,357,579	5,881,571	5,587,830	6,143,170	6,090,100	6,268,437
TOTAL EXPENSES		<u>\$25,707,599</u>	<u>\$25,743,115</u>	<u>\$27,714,682</u>	<u>\$25,567,027</u>	<u>\$29,243,024</u>	<u>\$29,515,384</u>	<u>\$30,391,645</u>
EXPENDITURE SUMMARY - CATEGORY								
51000	Personnel Expenses	\$24,209,087	\$23,734,166	\$25,922,620	\$23,795,123	\$26,885,794	\$27,515,284	\$28,347,692
52000	Supplies	484,356	375,046	505,904	519,984	853,484	667,207	681,219
53000	Usage	53,956	53,326	53,028	53,028	52,180	54,789	57,528
54000	Contractual Services	749,446	1,511,478	1,127,129	1,083,437	1,397,067	1,222,459	1,248,393
55000	Capital Outlay	210,754	69,099	106,000	115,455	54,500	55,645	56,813
TOTAL EXPENSES		<u>\$25,707,599</u>	<u>\$25,743,115</u>	<u>\$27,714,682</u>	<u>\$25,567,027</u>	<u>\$29,243,024</u>	<u>\$29,515,384</u>	<u>\$30,391,645</u>
ALLOCATED STAFFING SUMMARY								
	Officials/Administrative	32.00	34.00	33.00	33.00	33.00	33.00	33.00
	Professional	83.00	84.00	88.00	88.00	89.00	89.00	89.00
	Technical	106.00	104.00	96.00	96.00	96.00	96.00	96.00
	Administrative Support	23.00	22.00	20.00	20.00	19.00	19.00	19.00
	Skilled/Craft	-	-	-	-	-	-	-
	Service/Maintenance	-	-	-	-	-	-	-
TOTAL POSITIONS		<u>244.00</u>	<u>244.00</u>	<u>237.00</u>	<u>237.00</u>	<u>237.00</u>	<u>237.00</u>	<u>237.00</u>

Engineering Department



Engineering Department



METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T8000 - Engineering Department Total

	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
51010 Salaries & Wages	16,760,138	16,504,238	18,034,440	16,428,259	18,512,930	19,068,318	19,640,368
51020 Overtime	77,601	54,393	102,440	103,040	99,565	102,552	105,629
51030 Compensatory Pay Accrual	2,040	1,690	-	8,198	-	-	-
51120 Membership & Licensing Fees	10,779	12,023	16,020	16,075	14,606	14,913	15,226
51210 FICA Taxes	1,246,176	1,226,293	1,387,471	1,215,085	1,423,856	1,466,572	1,510,569
51220 Group Insurance	1,949,703	1,847,940	2,463,446	2,037,137	2,554,939	2,752,279	2,965,250
51230 Pension Contributions-Defined Benefit Plan	3,546,893	3,504,297	3,350,165	3,373,489	3,469,544	3,300,298	3,300,298
51231 Pension Contributions-Defined Contribution Plan	555,301	470,783	406,015	496,863	630,275	630,275	630,275
51233 DC Plan-Matching Contributions	-	112,499	162,624	116,977	180,079	180,079	180,079
51510 Temporary Help	60,457	11	-	-	-	-	-
Total Personnel Services	\$24,209,087	\$23,734,166	\$25,922,620	\$23,795,123	\$26,885,794	\$27,515,284	\$28,347,692
52010 Fuels,Lubricants,Gases	3,534	3,666	6,300	6,300	6,300	6,432	6,567
52030 Machinery & Equipment Parts	6,975	8,015	7,360	7,360	9,360	9,557	9,757
52040 Machinery & Equipment - Non-Capital	20,563	15,103	20,830	20,830	31,390	32,049	32,722
52050 Construction & Bldg Supplies	38,735	40,220	45,000	45,000	45,000	45,945	46,910
52070 Hardware	262	82	500	600	500	510	521
52080 Hose Supplies	4,009	-	3,530	3,530	3,530	3,604	3,680
52090 Electrical Supplies	4,208	3,799	4,550	4,550	5,200	5,309	5,421
52100 Instrument Supplies	19,195	16,206	20,960	20,960	20,960	21,400	21,850
52110 Chemical Supplies	92,077	89,042	110,350	110,350	115,800	118,232	120,715
52120 Laboratory Supplies	146,529	95,901	121,309	121,309	127,400	130,075	132,807
52130 Engineering & Drafting Supply	741	579	3,100	3,100	3,100	3,165	3,232
52160 Paint Supplies	234	26	800	800	800	817	834
52170 Safety Supplies	17,862	10,863	20,306	20,306	20,306	20,732	21,168
52220 Janitorial Supplies	3,851	3,702	3,950	3,950	5,400	5,513	5,629
52240 Hand Tools	2,104	842	1,500	1,550	500	510	521
52280 Uniforms	19,228	18,530	23,898	24,251	24,803	25,324	25,856
52300 Safety Footwear	16,015	18,996	28,800	28,447	27,080	27,649	28,229
52310 Telephone/Communic Equip/Suppl	2,273	1,246	300	965	300	306	313
52320 Office Supplies	20,432	20,020	30,850	26,850	29,850	30,477	31,117
52330 Computer Supplies	39,143	3,560	30,900	32,900	350,354	153,511	156,735
52340 Computer Equipment - Non-Capital	11,513	4,619	960	18,225	7,400	7,555	7,714
52380 Publications/Training Supplies	6,912	8,291	8,331	8,331	8,931	9,119	9,310

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T8000 - Engineering Department Total

	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
52390 Administrative Supplies	3,518	915	5,520	3,520	5,520	5,636	5,754
52400 Furniture & Office Equipment - Non-Capital	4,442	10,823	6,000	6,000	3,700	3,778	3,857
Total Supplies	\$484,356	\$375,046	\$505,904	\$519,984	\$853,484	\$667,207	\$681,219
53270 Telephone Usage	53,956	53,326	53,028	53,028	52,180	54,789	57,528
Total Usage	\$53,956	\$53,326	\$53,028	\$53,028	\$52,180	\$54,789	\$57,528
54050 Office System Services	3,076	24,205	9,300	5,000	6,300	6,432	6,567
54060 Printing Services	7,008	6,321	22,810	21,210	19,810	20,226	20,651
54080 Advertising Services	17,736	(1,189)	42,800	42,800	42,800	43,699	44,616
54100 Travel Expenses	108,492	32,603	96,832	96,582	89,700	91,583	93,506
54140 Training Programs/Seminar Fees	35,267	17,674	43,209	48,209	46,454	47,430	48,426
54160 Data Imaging Services	38,883	5,518	35,300	30,300	35,000	35,735	36,485
54180 Courier And Freight	47,696	45,680	47,550	47,570	55,525	56,691	57,882
54190 Property & Other Space Rental	14,770	10,650	14,500	16,500	14,700	15,009	15,324
54420 Court Costs & Lien Fees	894	1,787	2,500	2,500	2,000	2,042	2,085
54440 Easement Acquisitions/Fees	35,438	32,749	25,000	25,000	34,000	34,714	35,443
54520 Professional Service	246,935	997,394	504,000	504,000	779,000	591,159	603,573
54530 Building Repairs & Services	-	150	-	-	-	-	-
54540 Janitorial Services	50,868	85,851	85,200	45,000	40,000	40,840	41,698
54560 Motor Vehicle Services	11,797	17,280	20,328	20,328	26,328	27,118	27,931
54570 Machinery & Equipment Services	7,190	3,033	1,500	2,000	1,500	1,534	1,570
54580 Equipment Rental	456	1,386	1,500	1,500	1,600	1,648	1,697
54610 Instrument Repair Services	55,965	59,914	56,600	56,600	72,150	73,665	75,212
54640 Damage Repairs & Services	2,300	-	2,000	2,138	2,000	2,042	2,085
54650 Waste Hauling	23,755	13,388	27,700	27,700	27,700	28,282	28,876
54670 Other Governmental Fees	2,525	2,999	3,000	3,000	3,000	3,063	3,127
54680 Laboratory Testing Services	33,898	124,452	65,000	65,000	75,000	76,575	78,183
54710 Community Outreach Programs	4,497	29,635	17,500	17,500	17,500	17,867	18,243
54720 Tree Removal/Weed Spraying	-	-	3,000	3,000	5,000	5,105	5,212
Total Contractual Services	\$749,446	\$1,511,478	\$1,127,129	\$1,083,437	\$1,397,067	\$1,222,459	\$1,248,393
55030 Structural Improvements	50,500	-	-	-	-	-	-
55080 Instruments & Apparatus	27,919	54,099	106,000	127,200	54,500	55,644	56,813
55110 Computer Equipment	(9,205)	15,000	-	(11,745)	-	-	-

METROPOLITAN ST. LOUIS SEWER DISTRICT
FY23 General Fund Budget and Two Year Projection
T8000 - Engineering Department Total

	Actual FY20	Actual FY21	Budget FY22	Forecast FY22	Budget FY23	Projected FY24	Projected FY25
55115 Intangible (Software)	141,540	-	-	-	-	-	-
Total Capital Outlay	\$210,754	\$69,099	\$106,000	\$115,455	\$54,500	\$55,644	\$56,813
Total General Fund Operating Expense	\$25,707,599	\$25,743,115	\$27,714,682	\$25,567,027	\$29,243,024	\$29,515,384	\$30,391,645



FY23 BUDGET

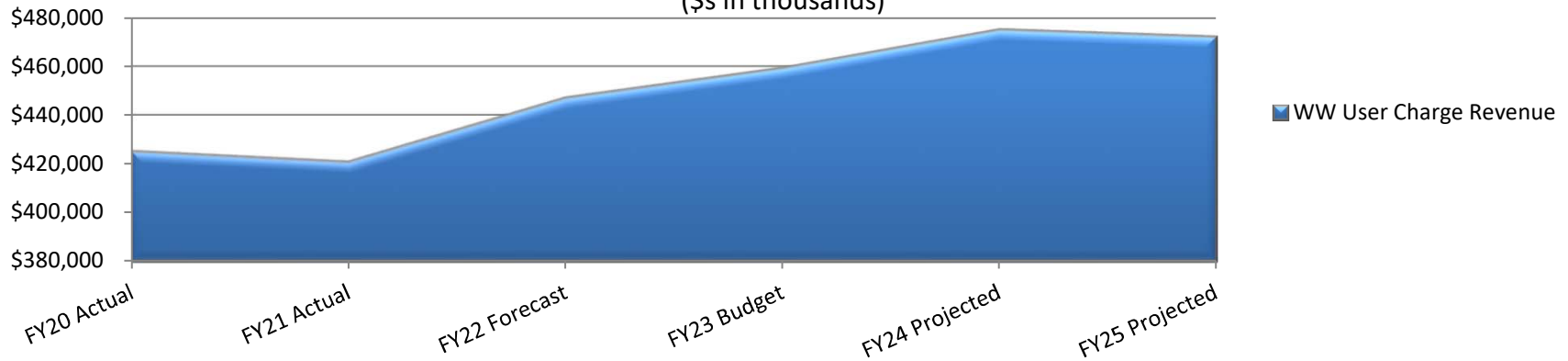


These funds were established to account for proceeds from the wastewater and stormwater user charges of the District. These revenues provide for the operation, maintenance and improvement of the District's sewer infrastructure. Fund 3306 (Wastewater Revenue Fund) is a major revenue fund.

REVENUE FUNDS CONSOLIDATED

Revenue Trends

(\$s in thousands)



This analysis of MSD’s revenue compares actual revenues received in FY20 and FY21, forecasted for FY22, budgeted for FY23 and projected for FY24 and FY25.

All user charge revenue is initially recorded in the Revenue Funds. A portion of the revenue is transferred to the General Fund to cover daily operating, maintenance, and replacement costs. The remainder of the revenue is transferred to the Construction Funds for capital improvement and replacement projects, the Special Funds for the Water Backup Insurance & Reimbursement Program; the General Insurance Fund to cover any expenditure related to workers’ compensation, property, general liability, and flood insurance and related expenses; the Wastewater Emergency Fund for possible emergencies; and the Debt Service Funds to retire bonds issued for capital improvements.

FY22 forecast is showing an increase of 6% from FY21. FY21 is the first year of a four year rate cycle of our current rate commission accepted rate increases. Rates for FY21 to FY24 were set by our Board of Trustees based on the Rate Commission Report. The Rate Commission process includes analyzing the historical trends, number of customer accounts and usage, the future requirement for capital and expenditures for operation and maintenance, the debt coverage and the economy as well as possible regulatory requirements. Rate increases in the 3-4% range were recommended by that report for FY22 through FY24. Declines in volumes and customers in FY21 kept revenues from growing at the same pace as the rates. However, FY22 is forecast to rebound, and FY23 and FY24 are expected to realize 3% increases. For FY25, the District will go back to the Rate Commission with a rate change proposal in February of 2023. For now, the FY24 approved rates are used to project FY25 revenue.

METROPOLITAN ST. LOUIS SEWER DISTRICT
CHANGES IN FUND BALANCE
3000 - Revenue Funds

	FY20 Actual	FY21 Actual	FY22 Budget	FY22 Forecast	FY23 Budget	FY24 Budget	FY25 Budget
FUND BALANCE B.O.P.	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Wastewater User Charge	425,147,699	420,781,205	436,597,999	447,055,780	459,279,591	475,048,501	471,984,219
Stormwater User Charge	(1,801)	(2,391)	-	-	-	-	-
Interest on Investments	-	-	-	-	-	-	-
Total Revenues	425,145,898	420,778,814	436,597,999	447,055,780	459,279,591	475,048,501	471,984,219
Total Expenditures	-	-	-	-	-	-	-
Net Operating Income (Loss)	425,145,898	420,778,814	436,597,999	447,055,780	459,279,591	475,048,501	471,984,219
Interfund Transfers	(425,145,898)	(420,778,814)	(436,597,999)	(447,055,780)	(459,279,591)	(475,048,501)	(471,984,219)
Increase (Decrease) in Fund Bal.	-	-	-	-	-	-	-
<i>Percentage of Change</i>	-	-	-	-	-	-	-
FUND BALANCE E.O.P.	\$-	\$-	\$-	\$-	\$-	\$-	\$-

METROPOLITAN ST. LOUIS SEWER DISTRICT
CHANGES IN FUND BALANCE
3306 - Wastewater Revenue Fund

	FY20 Actual	FY21 Actual	FY22 Budget	FY22 Forecast	FY23 Budget	FY24 Budget	FY25 Budget
FUND BALANCE B.O.P.	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Wastewater User Charge	425,147,699	420,781,205	436,597,999	447,056,101	459,279,591	475,048,501	471,984,219
Interest on Investments	-	-	-	-	-	-	-
Total Revenues	425,147,699	420,781,205	436,597,999	447,056,101	459,279,591	475,048,501	471,984,219
Total Expenditures	-	-	-	-	-	-	-
Net Operating Income (Loss)	425,147,699	420,781,205	436,597,999	447,056,101	459,279,591	475,048,501	471,984,219
Interfund Transfers	(425,147,699)	(420,781,205)	(436,597,999)	(447,056,101)	(459,279,591)	(475,048,501)	(471,984,219)
Increase (Decrease) in Fund Bal.	-	-	-	-	-	-	-
<i>Percentage of Change</i>	-	-	-	-	-	-	-
FUND BALANCE E.O.P.	\$-	\$-	\$-	\$-	\$-	\$-	\$-

METROPOLITAN ST. LOUIS SEWER DISTRICT
Projected User Charge Revenue
WASTEWATER REVENUE FUND (3306)
FY23 BUDGET

	Number of Accounts Billed (Annualized)	Projected Annual Volume	Base Charge\$/service	Volume Charge \$/unit	Compliance Charge \$/service	Projected Revenue	Percent of Total
RESIDENTIAL							
Metered Single Family	3,651,270	18,456,446 CCFs	28.26	5.35		\$201,926,876	
Low Income Assistance Credits - Metered	30,426	149,592 CCFs	14.13	2.68		830,078	
Unmetered Single Family	669,732		28.26			18,926,626	
Rooms Single Family		3,885,984		3.17		12,318,569	
Water Closets Single Family		995,892		11.80		11,751,526	
Baths Single Family		763,524		9.84		7,513,076	
Separate Showers Single Family		140,808		9.84		1,385,551	
Customer Assistance Program - Unmetered	15,246	129,552				580,910	
Metered MultiFamily	245,328	7,398,914 CCFs	28.26	5.35		46,517,159	
Customer Assistance Program - Metered	648	4,764 CCFs	-	-		21,900	
Unmetered Multifamily	247,200		28.26			6,985,872	
Rooms Multifamily		2,480,346		3.17		7,862,697	
Water Closets Multifamily		634,260		11.80		7,484,268	
Baths Multifamily		582,306		9.84		5,729,891	
Separate Showers Multifamily		29,220		9.84		287,525	
Customer Assistance Program - Unmetered	4,236	57,696	-	-		222,371	
Subtotal: RESIDENTIAL						\$330,344,896	71.9%
NON-RESIDENTIAL							
Base	287,880		28.26			8,135,489	
Compliance 1	275,019				4.71	1,295,339	
Compliance 2	2,814				65.80	185,161	
Compliance 3	6,936				140.99	977,907	
Compliance 4	1,908				187.98	358,666	
Compliance 5	1,200				234.98	281,976	
Total Non-residential Charges						\$11,234,538	
Volume		20,759,542 CCFs		5.35		111,063,550	
Extra Strength Surcharges							
Suspended Solids over 300 ppm		5,004 Tons		320.36		1,603,081	
BOD's over 300 ppm		4,800 Tons		860.43		4,130,064	
COD's over 600 ppm		2,100 Tons		430.22		903,462	
Subtotal: NON-RESIDENTIAL						\$128,934,695	28.1%
TOTAL WASTEWATER USER CHARGE REVENUE						\$459,279,591	100.0%

METROPOLITAN ST. LOUIS SEWER DISTRICT
CHANGES IN FUND BALANCE
3307 - Stormwater Revenue Fund

	FY20 Actual	FY21 Actual	FY22 Budget	FY22 Forecast	FY23 Budget	FY24 Budget	FY25 Budget
FUND BALANCE B.O.P.	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Wastewater User Charge	-	-	-	(321)	-	-	-
Stormwater User Charge	-	-	-	-	-	-	-
Total Revenues	-	-	-	(321)	-	-	-
Total Expenditures	-	-	-	-	-	-	-
Net Operating Income (Loss)	(1,801)	(2,391)	-	(321)	-	-	-
Interfund Transfers	1,801	2,391	-	321	-	-	-
<i>Percentage of Change</i>	-	-	-	-	-	-	-
FUND BALANCE E.O.P.	\$-	\$-	\$-	\$-	\$-	\$-	\$-



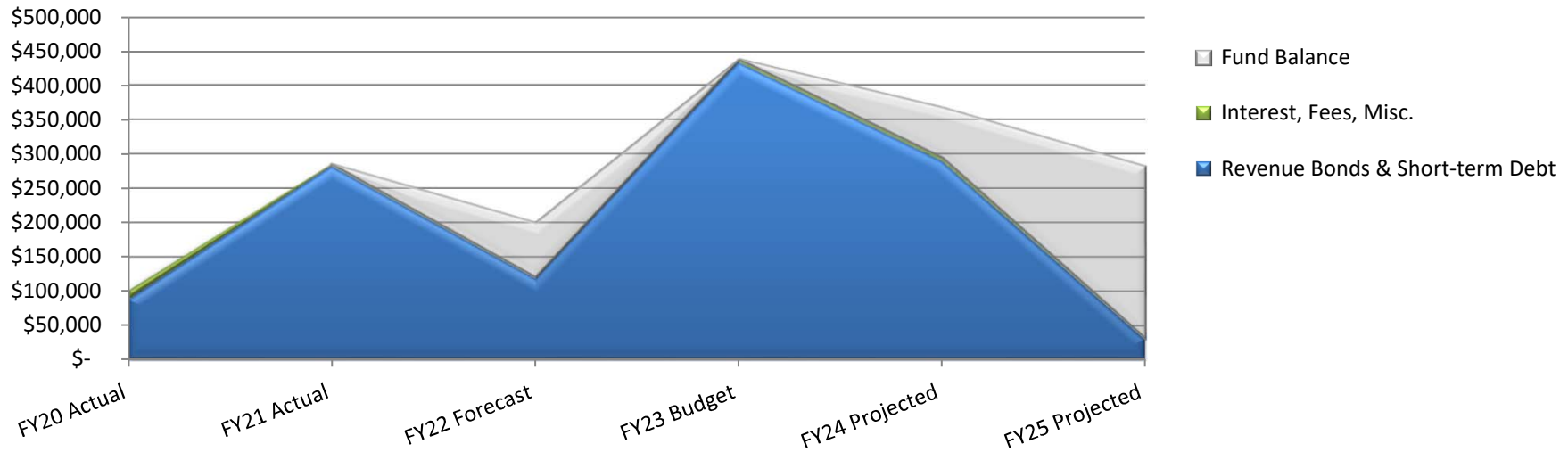
These funds were established to receive and disburse proceeds from revenue sources for construction of improvements to sewerage and drainage collection systems and treatment facilities.

Capital improvement projects are continued from previous budget years due to difficulties in easement acquisitions, permit process, design revisions or special requirements. Funding sources for capital improvement projects are primarily from User Charges, Revenue Bonds, Grants and Investment Income. Fund 6660 (Sanitary Replacement Fund) is a major construction fund.

CONSTRUCTION FUNDS CONSOLIDATED

Revenue Trends

(\$s in thousands)



This analysis of MSD’s revenue compares actual revenues received in FY20 and FY21, forecasted for FY22, budgeted for FY23 and projected for FY24 and FY25.

Since February 2004 the voters have authorized the issuance of \$3.12 billion in revenue bonds in order to continue the multi-decade capital needs program for construction of improvements to sewerage collection systems and treatment facilities. The District has \$853.1 million of this authorization available including the recent authorization in FY21 for \$500 million, with plans to issue \$433.5 million in FY23.

The changes to fund balance are the result of timing differences between the issuance of new bonds and the expenditure of those bond proceeds on capital projects. Use of fund balance is considered a revenue for presentation purposes and to balance the budget.

Another significant source of cash flows into this fund group is from the wastewater user charges. This funding source is not represented in this graph because it is originally received into the Wastewater Revenue Fund. However, it is planned to provide financing of \$155.8 million in FY23 for capital project expenditures.

METROPOLITAN ST. LOUIS SEWER DISTRICT
CHANGES IN FUND BALANCE
6660 Sanitary Replacement Fund

	FY20 Actual	FY21 Actual	FY22 Budget	FY22 Forecast	FY23 Budget	FY24 Budget	FY25 Budget
FUND BALANCE B.O.P.	\$189,217,709	\$186,225,765	\$260,252,059	\$283,617,891	\$204,701,832	\$385,576,333	\$313,264,085
Revenue Bonds	88,143,466	282,496,201	119,000,000	119,000,000	433,500,000	290,000,000	30,000,000
Interest on Investments	12,313,505	1,120,058	2,006,500	692,140	3,425,613	4,246,081	2,007,485
Connection and Other Fees	50,600	69,273	-	104,459	-	-	-
Miscellaneous	45,122	1,000,000	-	421,804	-	-	-
Total Revenues	100,552,693	284,685,531	121,006,500	120,218,403	436,925,613	294,246,081	32,007,485
Construction and Engineering	205,321,064	296,517,308	317,932,000	298,090,014	369,711,000	506,794,000	377,611,459
Agency and Other Debt Expense	484,181	1,348,473	773,500	773,500	3,790,750	1,885,000	300,000
Interfund Labor Transfers	7,739,392	7,477,626	7,692,607	7,270,948	7,549,362	7,879,329	8,205,701
Total Expenditures	213,544,637	305,343,406	326,398,107	306,134,462	381,051,112	516,558,329	386,117,161
Net Operating Income (Loss)	(112,991,944)	(20,657,875)	(205,391,607)	(185,916,058)	55,874,501	(222,312,249)	(354,109,675)
Interfund Transfers	110,000,000	118,050,000	107,000,000	107,000,000	125,000,000	150,000,000	105,000,000
Increase (Decrease) in Fund Bal.	(2,991,944)	97,392,125	(98,391,607)	(78,916,058)	180,874,501	(72,312,249)	(249,109,675)
<i>Percentage of Change</i>	-2%	52%	-38%	-28%	88%	-19%	-80%
FUND BALANCE E.O.P.	\$186,225,765	\$283,617,891	\$161,860,453	\$204,701,832	\$385,576,333	\$313,264,085	\$64,154,409

PROJECT LISTING
6660 - SANITARY REPLACEMENT FUND
FY23

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE</u> ⁽¹⁾
BISSELL & LEMAY WWTF FLUIDIZED BED INCINERATORS	Various	\$101,000,000	58
LOWER MERAMEC RIVER SYSTEM IMPROVEMENTS - BAUMGARTNER TO FENTON WWTF TUNNEL	Various	\$48,000,000	95
LOWER MERAMEC WWTF EXPANSION PHASE II	Unincorporated	\$30,000,000	96
BISSELL POINT WWTF FINE SCREEN, CONCRETE AND GATE IMPROVEMENTS	St. Louis City	\$18,000,000	64
BLACK CREEK - HADDINGTON COURT RELIEF SEWERS	Ladue	\$13,000,000	65
INFRASTRUCTURE REPAIRS (WASTEWATER) (2023)	Various	\$9,000,000	87
BISSELL & LEMAY WWTF FLUIDIZED BED INCINERATORS	Various	\$8,600,000	3
CONSTRUCTION MANAGEMENT SERVICES - TANK/TREATMENT/PUMP STATION FACILITIES	Various	\$7,500,000	10
HARLEM BADEN RELIEF PHASE IV (HEBERT) - HAMILTON TO DARVER TRUNK SEWER	Various	\$6,000,000	Carryover, no page
NORTH FEE FEE CREEK PUBLIC I/I REDUCTION	Various	\$6,000,000	99
MC-02 WATSON TO EDGAR RD SANITARY RELIEF (SKME-580A)	Various	\$5,954,000	97
CONSTRUCTION MANAGEMENT SERVICES - LOWER MERAMEC AND DEER CREEK TUNNELS	Various	\$5,000,000	9
COLDWATER CREEK WWTF REPAIRS AND IMPROVEMENTS (2023)	Unincorporated	\$5,000,000	68
FLORISSANT/DUNN SANITARY RELIEF (ST. ANTHONY LN TO I-270)	Florissant	\$4,910,000	75
BISSELL - COLDWATER - MISSOURI - MERAMEC PUBLIC I/I REDUCTION (2023) CONTRACT E	Various	\$4,251,000	62
HARLEM CITYSHED MITIGATION BASINS (ASHLAND AND ESSEX)	Various	\$4,000,000	80
PUMP STATION MANLIFT REPLACEMENT	Various	\$4,000,000	102
BISSELL - COLDWATER - MISSOURI - MERAMEC PUBLIC I/I REDUCTION (2023) CONTRACT D	Various	\$3,594,000	61
EASEMENT ACQUISITION FOR WASTEWATER PROJECTS (2023)	Various	\$3,500,000	72
JEFFERSON BARRACKS TUNNEL CONSOLIDATION SEWERS	Unincorporated	\$3,400,000	88
INFRASTRUCTURE REPAIRS (REHABILITATION) (2023) CONTRACT C	St. Louis City	\$3,310,000	85
CAULKS CREEK A PUMP STATION (P-750) IMPROVEMENTS	Chesterfield	\$3,200,000	66
INFRASTRUCTURE REPAIRS (FACILITIES) (2023)	Various	\$3,000,000	82
SAYLESVILLE SANITARY RELIEF (SAYLESVILLE DR TO S GREENTRAILS DR)	Chesterfield	\$2,850,000	106
BISSELL - COLDWATER - MISSOURI - MERAMEC PUBLIC I/I REDUCTION (2023) CONTRACT C	Various	\$2,663,000	60
FF-15 AND FF-16 SANITARY RELIEF PHASE II REHABILITATION	Maryland Heights	\$2,650,000	74
PRICE TO PIONEER SANITARY RELIEF	Olivette	\$2,507,000	100
CONSTRUCTION MANAGEMENT SERVICES - LOWER AND MIDDLE RDP TUNNEL FACILITIES	Various	\$2,500,000	8
CAULKS CREEK FORCEMAIN (RIVER VALLEY RD TO L-52)	Maryland Heights	\$2,500,000	67
INFRASTRUCTURE REPAIRS (REHABILITATION) (2023) CONTRACT A	Various	\$2,500,000	83
INFRASTRUCTURE REPAIRS (REHABILITATION) (2023) CONTRACT B	Various	\$2,500,000	84
AMBLEWOOD SANITARY RELIEF (WATERFORD DR TO BIRCHBARK DR)	Florissant	\$2,453,000	55
BADEN CITYSHED MITIGATION BASINS (CALVARY, FREDERICK, PARTRIDGE AND TILLIE) - SEPARATION SEWERS	St. Louis City	\$2,400,000	56
BISSELL - COLDWATER - MISSOURI - MERAMEC PUBLIC I/I REDUCTION (2023) CONTRACT F	Various	\$2,360,000	63
GENERAL SERVICES AGREEMENT - CONSTRUCTION MANAGEMENT (2022)	Various	\$2,000,000	15
LOWER MERAMEC WWTF EXPANSION PHASE II	Unincorporated	\$2,000,000	46
BISSELL & LEMAY WWTF FLUIDIZED BED INCINERATORS	Various	\$2,000,000	59
HARLEM BADEN RELIEF PHASE IV (HEBERT) - SEWER REHABILITATION	Various	\$2,000,000	79
INFRASTRUCTURE REPAIRS (REHABILITATION) (2023) CORPS CSO PROGRAM	Various	\$2,000,000	86
LAMBERT AIRPORT RESTRICTED ACCESS ASSETS INSPECTION AND REPAIR	Unincorporated	\$2,000,000	89
EARTH CITY UPS PUMP STATION (P-702) REPLACEMENT PHASE II	Unincorporated	\$1,800,000	Carryover, no page
WHITE PLAINS SANITARY RELIEF (SALTBOX DR TO CEDAR CREEK RD)	Chesterfield	\$1,800,000	107
LOWER MERAMEC WWTF EXPANSION PHASE II	Unincorporated	\$1,716,000	45
BC-01 PHASE III AND BC-02 PHASE II SANITARY RELIEF (I-170 TO HEATHERWOOD DR)	Various	\$1,705,000	1
WEBSTER GROVES TRUNK E SANITARY RELIEF (SKME-628)	Webster Groves	\$1,512,000	53
GASLIGHT SQUARE SEWER IMPROVEMENTS PHASE II	St. Louis City	\$1,500,000	14
WEBSTER GROVES TRUNK E SANITARY REHABILITATION AND I/I REDUCTION PHASE IV	Webster Groves	\$1,300,000	Carryover, no page

PROJECT LISTING
6660 - SANITARY REPLACEMENT FUND
FY23

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE</u> ⁽¹⁾
HARLEM - BADEN RELIEF PHASE IV (HEBERT) (GOODFELLOW TO HAMILTON)	St. Louis City	\$1,279,000	78
GLENFIELD SANITARY RELIEF (WATSON WOODS CT TO S LINDBERGH BLVD)	Sunset Hills	\$1,130,000	76
LEMAY 1 PUMP STATION (P-301) COOLING TOWER REPLACEMENT	St. Louis City	\$1,130,000	91
BISSELL & LEMAY WWTF FLUIDIZED BED INCINERATORS	Various	\$1,000,000	2
HATHAWAY DRIVE SANITARY RELIEF	Jennings	\$902,000	81
LEMAY WWTF AERATION BLOWER AND POWER DISTRIBUTION IMPROVEMENTS	Unincorporated	\$900,000	92
ROBYN HILLS NUMBER 1 PUMP STATION (P-417) REPLACEMENT	Sunset Hills	\$780,000	103
GLEN ECHO SANITARY RELIEF (ENGELHOLM AVE TO HENDERSON AVE)	Various	\$730,000	32
NEWPORT LANDING PUMP STATION (P-480) ELIMINATION	Unincorporated	\$626,000	98
LEMAY NO. 3 PUMP STATION AND FORCE MAIN	Unincorporated	\$575,000	39
LOWER MERAMEC RIVER SYSTEM IMPROVEMENTS - BAUMGARTNER TO FENTON WWTF TUNNEL	Various	\$575,000	44
S BRENTWOOD BLVD SANITARY RELIEF (DAYTONA DR TO WALINCA TERRACE)	Clayton	\$500,000	50
LINDSAY - ST. ALBERT PRIVATE I/I REDUCTION	Florissant	\$500,000	94
PUMP STATION FALL PROTECTION UPGRADES - PHASE I	Various	\$500,000	101
GEYER SANITARY RELIEF (W. MONROE AVE TO W. ESSEX AVE)	Kirkwood	\$496,000	31
LINDSAY LANE SANITARY RELIEF (LINDSAY LANE TO LINDBERGH BLVD)	Florissant	\$491,000	41
GENERAL SERVICES AGREEMENT - FACILITY & SEWER DESIGN (2022) CONTRACT A	Various	\$475,000	17
FABICK PUMP STATION (P-444) IMPROVEMENTS (SKME-404E)	Fenton	\$460,000	73
GENERAL SERVICES AGREEMENT - FACILITY & SEWER DESIGN (2022) CONTRACT B	Various	\$450,000	18
CROSS TIMBERS #705 SANITARY REPLACEMENT	Town and Country	\$425,000	69
GREENBRIAR #2 PUMP STATION (P-448) ELIMINATION	Des Peres	\$425,000	77
GRAND GLAIZE WWTF REPAIRS AND IMPROVEMENTS (2023)	Valley Park	\$400,000	34
LEMAY WWTF REPAIRS AND IMPROVEMENTS (2023) (GRIT TANKS AND SECONDARY CLARIFIER DUCT BANK)	Unincorporated	\$400,000	40
ROXBURGH DR SANITARY RELIEF	Clayton	\$400,000	104
LOWER & MIDDLE RDP CSO CONTROLS SYSTEM IMPROVEMENTS (WATERSHED CONSULTANT)	Various	\$270,000	43
GRAND GLAIZE WWTF GRAND GLAIZE CREEK BANK STABILIZATION	Valley Park	\$260,000	33
CAULKS CREEK A PUMP STATION (P-750) IMPROVEMENTS	Chesterfield	\$200,000	4
CSO - MARY AVENUE SOUTH OF MANCHESTER CSO INTERCEPTOR (I-132)/OUTFALL (L-106) ELIMINATION PHASE II	Brentwood	\$200,000	12
GENERAL SERVICES AGREEMENT - FACILITY & SEWER DESIGN (2020) CONTRACT A	Various	\$200,000	16
GENERAL SERVICES AGREEMENT - SEWER AND CHANNEL DESIGN (2021) CONTRACT A	Various	\$200,000	26
HAMPTON CREEK SANITARY RELIEF (DEER CREEK TRUNK TO OXFORD DR) PHASE I	Various	\$200,000	35
COLDWATER CREEK WWTF REPAIRS AND IMPROVEMENTS (2023)	Unincorporated	\$175,000	7
BANFF SANITARY RELIEF (CAITHNESS RD TO LANARK RD)	Unincorporated	\$167,000	57
HARLEM - BADEN RELIEF PHASE IV (HEBERT) BUILDING DEMOLITION AND DESIGN	St. Louis City	\$100,000	36
JEFFERSON BARRACKS TUNNEL CONSOLIDATION SEWERS	Unincorporated	\$100,000	38
GENERAL SERVICES AGREEMENT - GEOTECHNICAL (2022) CONTRACT A	Various	\$85,000	19
GENERAL SERVICES AGREEMENT - GEOTECHNICAL (2022) CONTRACT B	Various	\$85,000	20
GENERAL SERVICES AGREEMENT - GEOTECHNICAL (2022) CONTRACT C	Various	\$85,000	21
GENERAL SERVICES AGREEMENT - SURVEY SERVICES (2022) CONTRACT A	Various	\$62,500	27
GENERAL SERVICES AGREEMENT - SURVEY SERVICES (2022) CONTRACT B	Various	\$62,500	28
GENERAL SERVICES AGREEMENT - SURVEY SERVICES (2022) CONTRACT C	Various	\$62,500	29
GENERAL SERVICES AGREEMENT - SURVEY SERVICES (2022) CONTRACT D	Various	\$62,500	30
CITYSHED MITIGATION PROGRAM DESIGN (CONTRACT B)	St. Louis City	\$50,000	6
HARLEM BADEN RELIEF PHASE IV (HEBERT) - TRUNK SEWER REHABILITATION	Various	\$50,000	37
PUMP STATION REPLACEMENT PROJECTS (PHASE I)	Various	\$50,000	47
NUMBER OF PROJECTS: 92		FUND TOTAL :	
		\$369,711,000	

(1) The Page refers to the page number in the Budget Supplement Appendix



FY23 BUDGET



STORMWATER FUNDS

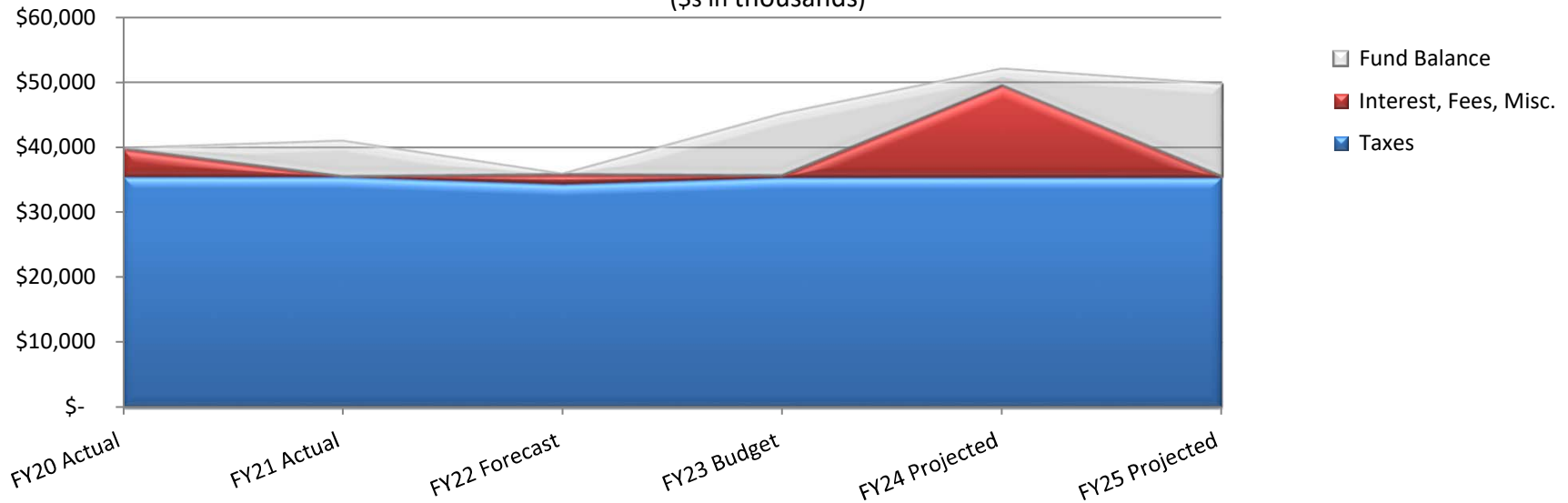
These funds were established to account for ad valorem taxes. The Stormwater Regulatory Fund, Districtwide Stormwater Fund and the Stormwater Operations and Maintenance Funds are reported in this section and receive, or at one time received, property tax revenues.

These are primarily stormwater dedicated funds for projects and stormwater operations and maintenance. Fund balances will be spent on either projects or maintenance and operation expense primarily related to stormwater activities.

STORMWATER - FUNDS CONSOLIDATED

Revenue Trends

(\$s in thousands)



This analysis of MSD's revenue compares actual revenues received in FY20 and FY21, forecasted for FY22, budgeted for FY23 and projected for FY24 and FY25.

The Stormwater funds acquired revenue through ad valorem taxes for operations of the District's stormwater utility, including stormwater system operation and maintenance, rehabilitation and limited construction of infrastructure and other capital improvements, and an operating reserve. There are currently two of these funds (5110 - Stormwater Regulatory Fund and 5120- Districtwide Stormwater Fund) either collecting tax revenue, using or holding tax revenue balances. Ad valorem taxes based on current property assessed valuation provided by the City of St. Louis and St. Louis County are projected to remain flat through the projections period. The Tax Ordinance found at the back of this book provides more detail about this funding source.

Interest and other miscellaneous revenue contributes small but consistent levels of revenue in these funds with an estimated increase in the projected years due to the expected grant funds for reimbursement for stormwater project.

The reduction in fund balance in FY21 and FY23 through FY25 is due to planned spend down of balances in those funds mostly due to fluctuations in capital projects.

METROPOLITAN ST. LOUIS SEWER DISTRICT
CHANGES IN FUND BALANCE
5000 - Stormwater Funds

	FY20 Actual	FY21 Actual	FY22 Budget	FY22 Forecast	FY23 Budget	FY24 Budget	FY25 Budget
FUND BALANCE B.O.P.	\$38,297,555	\$39,636,266	\$34,721,441	\$34,258,618	\$34,489,729	\$25,088,656	\$22,586,923
Taxes	35,502,655	35,475,118	35,065,067	34,369,278	35,388,418	35,388,418	35,388,418
Interest on Investments	1,507,265	65,061	336,000	81,885	296,972	210,284	130,774
Miscellaneous	2,783,095	-	1,400,000	1,400,000	-	13,900,000	-
Total Revenues	39,793,014	35,540,178	36,801,067	35,851,163	35,685,390	49,498,702	35,519,192
Contractual Services	517,589	515,760	525,976	525,976	530,826	530,826	530,826
Construction and Engineering	14,525,641	17,164,401	11,245,000	11,853,060	17,200,000	23,325,000	19,870,000
Interfund Labor Transfers	23,437,995	23,218,108	25,473,570	23,245,559	27,355,637	28,144,608	29,215,771
Total Expenditures	38,481,225	40,898,269	37,244,546	35,624,595	45,086,463	52,000,434	49,616,597
Net Operating Income (Loss)	1,311,789	(5,358,091)	(443,480)	226,567	(9,401,073)	(2,501,732)	(14,097,405)
Interfund Transfers	26,922	(19,557)	-	4,543	-	-	-
Increase (Decrease) in Fund Bal.	1,338,711	(5,377,648)	(443,480)	231,111	(9,401,073)	(2,501,732)	(14,097,405)
Percentage of Change	3%	-14%	-1%	1%	-27%	-10%	-62%
FUND BALANCE E.O.P.	\$39,636,266	\$34,258,618	\$34,277,961	\$34,489,729	\$25,088,656	\$22,586,923	\$8,489,518

Stormwater Change in Fund Balance Summary
FY23 Budget
5000 – Stormwater Funds

	5110: Stormwater Regulatory Fund	5120: Districtwide Stormwater Fund	5000 - Stormwater Funds
FUND BALANCE B.O.P.	\$6,829,652	\$27,660,077	\$34,489,729
Taxes	5,881,778	29,506,639	35,388,418
Interest on Investments	61,407	235,565	296,972
Miscellaneous	-	-	-
Total Revenues	5,943,186	29,742,204	35,685,390
Contractual Services	88,227	442,600	530,826
Construction and Engineering	550,000	16,650,000	17,200,000
Interfund Labor Transfers	6,234,388	21,121,248	27,355,637
Total Expenditures	6,872,615	38,213,848	45,086,463
Net Operating Income (Loss)	(929,429)	(8,471,644)	(9,401,073)
Interfund Transfers	-	-	-
Increase (Decrease) in Fund Bal.	(929,429)	(8,471,644)	(9,401,073)
<i>Percentage of Change</i>	-14%	-31%	-27%
FUND BALANCE E.O.P.	\$5,900,223	\$19,188,433	\$25,088,656

Note: Change in Fund Balance for each changes in Fund Balance Book individual fund including FY20 – FY25 is in the "Detail Fund Changes in Fund Balance Book".

**PROJECT LISTING FY23
STORMWATER FUND PROJECT**

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE</u> ⁽¹⁾
5110 - Stormwater Regulatory Fund			
GRAND GLAIZE CREEK WATERSHED INITIATIVE	Various	\$200,000	152
STORMWATER QUALITY GREEN INFRASTRUCTURE - SMALL GRANT RAINSCAPING PROGRAM	Various	\$200,000	162
GENERAL SERVICES AGREEMENT - WATER QUALITY SUPPORT SERVICES (2021)	Various	\$150,000	140
Subtotal: Number of Projects 3		\$550,000	
5120 - Districtwide Stormwater Fund			
STORMWATER INFRASTRUCTURE REPAIRS (2023)	Various	\$4,000,000	160
STORMWATER INFRASTRUCTURE REPAIRS (REHABILITATION) (2023)	Various	\$3,000,000	161
LARIMORE STORM SEWER	Unincorporated	\$2,600,000	154
GENERAL SERVICES AGREEMENT - STORMWATER DESIGN FOR ARPA GRANT PROJECTS (2023) CONTRACT A	Various	\$1,300,000	137
GENERAL SERVICES AGREEMENT - STORMWATER DESIGN FOR ARPA GRANT PROJECTS (2023) CONTRACT B	Various	\$1,300,000	138
GENERAL SERVICES AGREEMENT - STORMWATER DESIGN FOR ARPA GRANT PROJECTS (2023) CONTRACT C	Various	\$1,300,000	139
RIVER DES PERES CHANNEL REHABILITATION	St. Louis City	\$1,000,000	144
STORMWATER ASSET INVESTIGATIONS (2022)	Various	\$800,000	145
HALL STREET STORM SEWERS	St. Louis City	\$600,000	142
LAMBERT AIRPORT RESTRICTED ACCESS ASSETS INSPECTION AND REPAIR	Unincorporated	\$500,000	90
SAYLESVILLE SANITARY RELIEF (SAYLESVILLE DR TO S GREENTRAILS DR)	Chesterfield	\$150,000	105
HALLSTEAD STORM CHANNEL PHASE IV (MCBJ-230)	Unincorporated	\$100,000	143
Subtotal: Number of Projects 12		\$16,650,000	
TOTAL: NUMBER OF PROJECTS 15		\$17,200,000	

(1) The Page refers to the page number in the Budget Supplement Appendix

Note: Indicated projects have split funding, these projects include both wastewater and stormwater work. Those projects will have one budget lines for each budgeted fund but are counted as one project .



FY23 BUDGET



OPERATION, MAINTENANCE and CONSTRUCTION IMPROVEMENT FUNDS

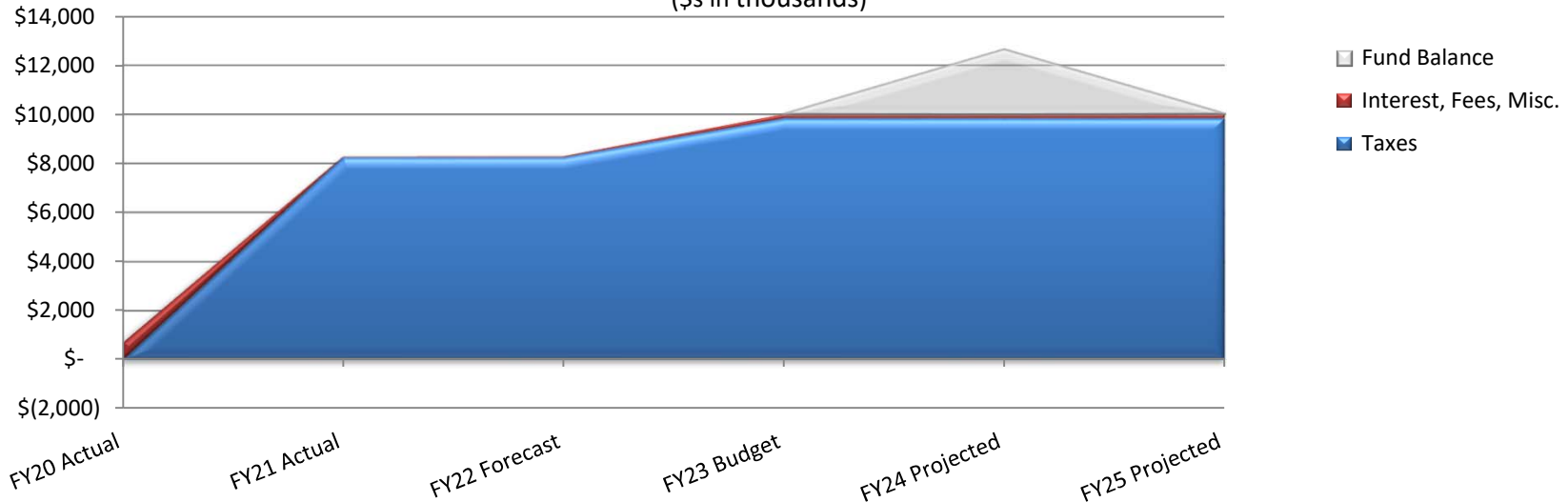
These funds were established to account for proceeds from tax levies. Expenditures are primarily for stormwater sewer improvements and stormwater maintenance and operation.

Taxes collected in the various subdistricts must be spent within the subdistrict. Effective in 2016, all subdistrict tax rates were voluntarily set to zero. Beginning in FY21, tax rates in six of the subdistricts were reinstated, allowing stormwater projects to start. In addition, in the FY23 budget, an OMCI fund for the Gravois Creek Trunk Subdistrict will be reinstated. Fund balances will be spent on either projects or maintenance and operation expense in the respective subdistricts.

OPERATION, MAINTENANCE AND CONSTRUCTION IMPROVEMENT FUNDS CONSOLIDATED

Revenue Trends

(\$s in thousands)



This analysis of MSD’s revenue compares actual revenues received in FY20 and FY21, forecasted for FY22, budgeted for FY23 and projected for FY24 and FY25.

This graph only includes Operation, Maintenance and Construction Improvement funds, and they receive, or at one time received, property tax revenues. There are currently 16 of these funds either collecting tax revenue, using or holding tax revenue balances. Stormwater capital projects are largely funded through prior year taxes collected and held in fund balances. Ad valorem taxes based on current property assessed valuation provided by the City of St. Louis and St. Louis County are projected to remain flat through the projections period. In FY17, the OMCI funds' tax rates were set to zero, and a new Stormwater Operations and Maintenance Property Tax, approved by voters in April 2016, was levied to collect taxes in the Districtwide Stormwater Fund for the first time. In FY21 six of the subdistricts restarted tax assessment to assist with projects required in their area. In FY23 a seventh subdistrict will restart tax assessment. These seven subdistrict assessments will result in tax revenue amounting to \$9.8 million dollars at varying rates from 1.4 to 10 cents per \$100 assessed valuation. The tax ordinance found at the back of this book provides more detail about this funding source.

Interest and other miscellaneous revenue contributes small but consistent levels of revenue in these funds.

The reduction in fund balance in FY20 is due to spend down of balances in those funds where tax rates were set to zero. Actual FY21, Forecast FY22 and the FY23 budget include an increase in fund balance due to restarting those 7 subdistrict assessments. In FY24 construction and engineering budgets in these funds exceed this additional revenue, but in FY25 an increase in fund balance is again anticipated.

METROPOLITAN ST. LOUIS SEWER DISTRICT
CHANGES IN FUND BALANCE
5000 - OMCI Funds

	FY20 Actual	FY21 Actual	FY22 Budget	FY22 Forecast	FY23 Budget	FY24 Budget	FY25 Budget
FUND BALANCE B.O.P.	\$11,681,406	\$11,510,403	\$13,705,685	\$13,615,525	\$15,348,219	\$16,742,244	\$14,097,518
Taxes	(20,696)	8,255,566	8,108,876	8,246,456	9,834,062	9,834,062	9,834,062
Interest on Investments	531,301	22,152	135,700	41,124	159,690	150,413	172,832
Connection and Other Fees	16,818	1,550	-	-	-	-	-
Miscellaneous	157,744	589	-	1,085	-	-	-
Total Revenues	685,166	8,279,858	8,244,576	8,288,665	9,993,752	9,984,475	10,006,894
Contractual Services	157	120,951	121,633	121,636	147,511	147,511	147,511
Construction and Engineering	344,499	5,561,355	5,543,522	5,844,936	7,286,244	11,258,244	1,600,000
Interfund Labor Transfers	488,620	487,317	1,186,967	589,399	1,165,971	1,223,446	1,016,671
Total Expenditures	833,276	6,169,622	6,852,122	6,555,971	8,599,726	12,629,201	2,764,182
Net Operating Income (Loss)	(148,110)	2,110,236	1,392,454	1,732,694	1,394,026	(2,644,726)	7,242,712
Interfund Transfers	(22,892)	(5,114)	-	-	-	-	-
Increase (Decrease) in Fund Bal.	(171,003)	2,105,121	1,392,454	1,732,694	1,394,026	(2,644,726)	7,242,712
Percentage of Change	-1%	18%	10%	13%	9%	-16%	51%
FUND BALANCE E.O.P.	\$11,510,403	\$13,615,525	\$15,098,139	\$15,348,219	\$16,742,244	\$14,097,518	\$21,340,230

OMCI Change in Fund Balance Summary
FY23 Budget
5000 – OMCI Funds

	5401: Bond Place Special Taxing Subdistrict	5563: Clayton Central OMCI Fund	5564: Coldwater Creek OMCI Fund	5565: Creve Coeur Frontenac OMCI Fund	5566: Deer Creek OMCI Fund	5571: Gravois Creek OMCI Fund	5574: Loretta Joplin OMCI Fund
FUND BALANCE B.O.P.	\$39,597	\$2,029,442	\$1,772,428	\$205,532	\$5,185,102	\$535,458	\$284,843
Taxes	-	-	2,048,662	-	4,021,105	1,521,689	-
Interest on Investments	396	20,294	18,091	2,055	54,395	7,124	2,848
Connection and Other Fees	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-
Total Revenues	396	20,294	2,066,753	2,055	4,075,500	1,528,813	2,848
Contractual Services	-	-	30,730	-	60,317	22,825	-
Construction and Engineering	-	-	1,676,519	-	2,903,164	1,042,722	-
Interfund Labor Transfers	-	-	268,069	-	548,833	102,283	-
Total Expenditures	-	-	1,975,318	-	3,512,314	1,167,830	-
Net Operating Income (Loss)	396	20,294	91,435	2,055	563,186	360,982	2,848
Interfund Transfers	-	-	-	-	-	-	-
Increase (Decrease) in Fund Bal.	396	20,294	91,435	2,055	563,186	360,982	2,848
<i>Percentage of Change</i>	<i>1%</i>	<i>1%</i>	<i>5%</i>	<i>1%</i>	<i>11%</i>	<i>67%</i>	<i>1%</i>
FUND BALANCE E.O.P.	\$39,992	\$2,049,736	\$1,863,863	\$207,587	\$5,748,289	\$896,440	\$287,692

Note: Change in Fund Balance for each changes in Fund Balance Book individual fund including FY20 – FY25 is in the "Detail Fund Changes in Fund Balance Book".

OMCI Change in Fund Balance Summary
FY23 Budget
5000 – OMCI Funds

	5576: Maline Creek OMCI Fund	5583: Sugar Creek OMCI Fund	5584: University City OMCI Fund	5587: Watkins Creek OMCI Fund	5589: Wellston OMCI Fund	5590: Mo River Bonfil Subd #448 OMCI Fund	5591: Meramec River Basin Subd #449 OMCI Fund
FUND BALANCE B.O.P.	\$1,174,697	\$434,587	\$764,155	\$1,439	\$215,585	\$1,665,234	\$261,691
Taxes	715,795	298,601	976,890	-	-	-	-
Interest on Investments	11,556	4,915	8,289	-	2,156	16,652	2,617
Connection and Other Fees	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-	-
Total Revenues	727,351	303,516	985,179	-	2,156	16,652	2,617
Contractual Services	10,737	4,479	14,653	-	-	-	-
Construction and Engineering	695,000	149,498	695,049	-	-	-	-
Interfund Labor Transfers	58,329	30,810	136,449	1,439	-	-	-
Total Expenditures	764,066	184,787	846,151	1,439	-	-	-
Net Operating Income (Loss)	(36,716)	118,729	139,028	(1,439)	2,156	16,652	2,617
Interfund Transfers	-	-	-	-	-	-	-
Increase (Decrease) in Fund Bal.	(36,716)	118,729	139,028	(1,439)	2,156	16,652	2,617
<i>Percentage of Change</i>	<i>-3%</i>	<i>27%</i>	<i>18%</i>	<i>-100%</i>	<i>1%</i>	<i>1%</i>	<i>1%</i>
FUND BALANCE E.O.P.	\$1,137,981	\$553,316	\$903,183	-	\$217,741	\$1,681,887	\$264,308

Note: Change in Fund Balance for each changes in Fund Balance Book individual fund including FY20 – FY25 is in the "Detail Fund Changes in Fund Balance Book".

OMCI Change in Fund Balance Summary
FY23 Budget
5000 – OMCI Funds

	5593: Sem Br Of River Des Peres OMCI Fund	5594: Black Creek Subd #455 OMCI Fund	5000 - OMCI Funds
FUND BALANCE B.O.P.	\$327,165	\$451,263	\$15,348,219
Taxes	251,320	-	9,834,062
Interest on Investments	3,789	4,513	159,690
Connection and Other Fees	-	-	-
Miscellaneous	-	-	-
Total Revenues	255,109	4,513	9,993,752
Contractual Services	3,770	-	147,511
Construction and Engineering	124,292	-	7,286,244
Interfund Labor Transfers	19,759	-	1,165,971
Total Expenditures	147,821	-	8,599,726
Net Operating Income (Loss)	107,289	4,513	1,394,026
Interfund Transfers	-	-	-
Increase (Decrease) in Fund Bal.	107,289	4,513	1,394,026
<i>Percentage of Change</i>	33%	1%	9%
FUND BALANCE E.O.P.	\$434,454	\$455,775	\$16,742,244

Note: Change in Fund Balance for each changes in Fund Balance Book individual fund including FY20 – FY25 is in the "Detail Fund Changes in Fund Balance Book".

**PROJECT LISTING FY23
OMCI FUND PROJECT**

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE</u> ⁽¹⁾
5564 - Coldwater Creek OMCI Fund			
COLDWATER CREEK OMCI REIMBURSEMENTS PROGRAM	Various	\$1,076,519	148
NORTH NEW FLORISSANT - FOX RUN STORM SEWER	Florissant	\$600,000	158
	Subtotal: Number of Projects 2	\$1,676,519	
5566 - Deer Creek OMCI Fund			
DEER CREEK OMCI REIMBURSEMENTS PROGRAM	Various	\$1,958,164	150
BEUCAIRE DRIVE - MARK DRIVE - MONACO DRIVE STORM SEWER	Warson Woods	\$325,000	147
DEARBORN DR STORM SEWER	Warson Woods	\$320,000	149
LITZINGER #10412 STORM SEWER IMPROVEMENTS	Frontenac	\$115,000	155
DEER CREEK WATERSHED INITIATIVE	Various	\$100,000	151
MEADOW CREEK LN 508 STORM SEWER	Warson Woods	\$85,000	157
	Subtotal: Number of Projects 6	\$2,903,164	
5571 - Gravois Creek			
GRAVOIS CREEK OMCI REIMBURSEMENTS PROGRAM	Various	\$742,722	153
GRAVOIS CREEK OMCI STORMWATER DESIGN (2023)	Various	\$300,000	141
	Subtotal: Number of Projects 2	\$1,042,722	
5576 - Maline Creek OMCI Fund			
BALLMAN DRIVE 300 BLOCK STORM SEWER	Ferguson	\$600,000	146
LONGFORD DRIVE 1851 STORM SEWER	Unincorporated	\$95,000	156
	Subtotal: Number of Projects 2	\$695,000	
5583 - Sugar Creek OMCI Fund			
SUGAR CREEK OMCI REIMBURSEMENTS PROGRAM	Various	\$149,498	163
	Subtotal: Number of Projects 1	\$149,498	
5584 - University City OMCI Fund			
UNIVERSITY CITY OMCI REIMBURSEMENTS PROGRAM	Various	\$495,049	164
SIMS AVE STORM BUYOUT	Overland	\$200,000	0-1
	Subtotal: Number of Projects 2	\$695,049	
5593 - Sem Br Of River Des Peres OMCI Fund			
SEMINARY OMCI REIMBURSEMENTS PROGRAM		\$124,292	159
	Subtotal: Number of Projects 1	\$124,292	
	TOTAL: NUMBER OF PROJECTS 16	\$7,286,244	

(1) The Page refers to the page number in the Budget Supplement Appendix

Note: Indicated projects have split funding, these projects include both wastewater and stormwater work. Those projects will have one budget lines for each budgeted fund but are counted as one project .



FY23 BUDGET



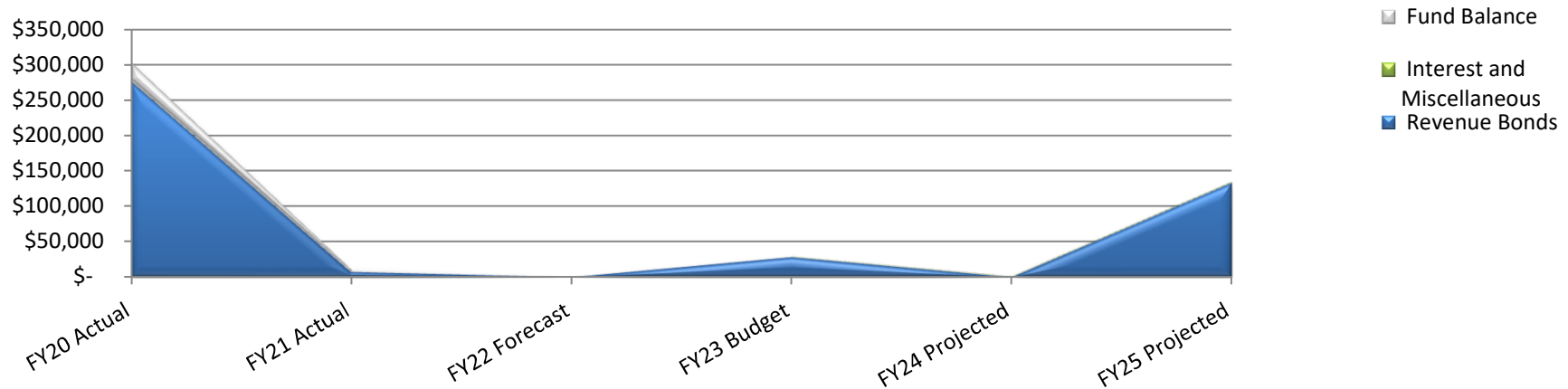
These funds were established to account for and report principal and interest expenditures and a portion of bond proceeds representing required reserve amounts.

In 2004, 2008 and 2012 St. Louis voters authorized the sale of Wastewater Revenue Bonds totaling \$1.72 billion to fund the District’s wastewater capital improvement program. In April 2016, voters authorized an additional \$900 million in revenue bonds. In addition, voters authorized an additional \$500 million in revenue bonds in April 2021.

DEBT SERVICE FUNDS CONSOLIDATED

Revenue Trends

(\$s in thousands)



This analysis of MSD’s revenue compares actual revenues received in FY20 and FY21, forecasted for FY22, budgeted for FY23 and projected for FY24 and FY25.

The issuance of districtwide revenue bonds is used to fund wastewater capital improvement projects. In FY23 Revenue Bonds represents the bond proceeds from an issuance \$433.5 million against the authorized debt of which \$278 million for Senior and \$155.5 for Subordinate. An additional \$28.5 million is expected to be used to refund existing debt which is included in the debt service fund (2000 Funds as shown above). Approximately 10% of the proceeds from senior bonds issued were previously required to be placed in reserve in accordance with MSD’s bond covenants. Future bond issuances are not expected to have this requirement, therefore anticipated reserve revenue to the Debt Service is not projected. In FY25 projection includes \$133.9 million to be used to refund existing debt as shown above.

Interest revenue in these funds is anticipated to be approximately \$440 thousand per year, but is not significant to appear on the graph.

While the major source of cash inflows to this fund group are from user charge revenue transferred from the Wastewater Revenue Fund to pay principal and interest as it comes due, those inflows are not reflected on this chart since they are originally received into the Wastewater Revenue Fund. The transfer of that money is planned to closely mirror the expenditures for principal and interest on the debt.

METROPOLITAN ST. LOUIS SEWER DISTRICT
CHANGES IN FUND BALANCE
2000 - Principal and Interest Funds

	FY20 Actual	FY21 Actual	FY22 Budget	FY22 Forecast	FY23 Budget	FY24 Budget	FY25 Budget
FUND BALANCE B.O.P.	\$71,177,710	\$46,056,843	\$51,533,513	\$42,575,188	\$43,732,474	\$44,169,798	\$44,607,123
Revenue Bonds	276,258,511	7,371,752	-	-	28,486,911	-	133,560,000
Interest on Investments	1,747,835	87,653	522,600	241,425	437,325	437,325	437,325
Miscellaneous	110,728	12,349	-	1,270	-	-	-
Total Revenues	278,117,074	7,471,754	522,600	242,695	28,924,236	437,325	133,997,325
Principal Payments	52,587,600	62,599,880	61,157,300	61,157,300	70,419,500	76,658,300	89,906,000
Interest Payments	84,045,981	58,831,730	63,285,283	62,031,334	64,201,009	66,302,087	63,539,374
Agency and Other Debt Expense	278,190,278	9,267,496	2,029,404	2,368,762	30,350,411	2,175,500	137,291,400
Total Expenditures	414,823,859	130,699,106	126,471,987	125,557,396	164,970,920	145,135,887	290,736,774
Net Operating Income (Loss)	(136,706,785)	(123,227,352)	(125,949,387)	(125,314,701)	(136,046,684)	(144,698,562)	(156,739,449)
Interfund Transfers	111,585,919	119,745,696	126,471,987	126,471,987	136,484,009	145,135,887	157,176,774
Increase (Decrease) in Fund Bal.	(25,120,866)	(3,481,656)	522,600	1,157,286	437,325	437,325	437,325
<i>Percentage of Change</i>	-35%	-8%	1%	3%	1%	1%	1%
FUND BALANCE E.O.P.	\$46,056,843	\$42,575,188	\$52,056,113	\$43,732,474	\$44,169,798	\$44,607,123	\$45,044,448

Debt Service Change in Fund Balance Summary
FY23 Budget
2000 – Debt Service Funds

	2804: 2004B SRF - Prin & Int - WW	2820: 2013A SRF - Prin & Int - WW	2821: 2015A SRF - Prin & Int - WW	2823: 2016A SRF - Prin & Int - WW	2824: 2016B SRF - Prin & Int - WW	2828: 2018B SRF - Prin & Int - WW	2829: 2019A SRF - Prin & Int - WW
FUND BALANCE B.O.P.	\$13,999,336	\$1,644,966	\$2,340,267	\$628,064	\$1,252,372	\$199,517	\$124,623
Revenue Bonds	-	-	-	-	-	-	-
Interest on Investments	139,993	16,450	23,403	6,281	12,524	1,995	1,246
Miscellaneous	-	-	-	-	-	-	-
Total Revenues	139,993	16,450	23,403	6,281	12,524	1,995	1,246
Principal	20,995,500	2,490,000	3,674,000	919,000	3,432,000	1,082,000	-
Interest Payments	2,154,000	295,700	664,500	190,500	739,700	337,600	234,700
Agency and Other Debt Expense	667,600	182,300	279,000	81,700	317,600	129,500	-
Total Expenditures	23,817,100	2,968,000	4,617,500	1,191,200	4,489,300	1,549,100	234,700
Net Operating Income (Loss)	(23,677,107)	(2,951,550)	(4,594,097)	(1,184,919)	(4,476,776)	(1,547,105)	(233,454)
Interfund Transfers	23,817,100	2,968,000	4,617,500	1,191,200	4,489,300	1,549,100	234,700
Increase (Decrease) in Fund Bal.	139,993	16,450	23,403	6,281	12,524	1,995	1,246
<i>Percentage of Change</i>	1%	1%	1%	1%	1%	1%	1%
FUND BALANCE E.O.P.	\$14,139,329	\$1,661,416	\$2,363,670	\$634,345	\$1,264,896	\$201,512	\$125,869

Note: Change in Fund Balance for each changes in Fund Balance Book individual fund including FY20 – FY25 is in the "Detail Fund Changes in Fund Balance Book".

Debt Service Change in Fund Balance Summary
FY23 Budget
2000 – Debt Service Funds

	2832: 2020A SRF - Prin & Int - WW	2834: 2021A SRF - Prin & Int - WW	2835: 2021B SRF - Prin & Int - WW	2837: 2021D SRF - Prin & Int - WW	Proposed Principal and Interest Bond 1: Proposed Principal and Interest Bond 1	Subordinate Debt	2812: 2010B SR Rev Bond - Prin & Int - WW
FUND BALANCE B.O.P.	\$48,566	\$40,256	\$42,865	\$456,537	-	\$20,777,370	\$3,408,891
Revenue Bonds	-	-	-	-	-	-	-
Interest on Investments	486	403	429	4,565	-	207,774	34,089
Miscellaneous	-	-	-	-	-	-	-
Total Revenues	486	403	429	4,565	-	207,774	34,089
Principal	-	-	1,770,000	-	-	34,362,500	-
Interest Payments	176,000	492,200	303,300	-	215,000	5,803,200	3,334,700
Agency and Other Debt Expense	-	-	205,800	-	-	1,863,500	-
Total Expenditures	176,000	492,200	2,279,100	-	215,000	42,029,200	3,334,700
Net Operating Income (Loss)	(175,514)	(491,797)	(2,278,671)	4,565	(215,000)	(41,821,426)	(3,300,611)
Interfund Transfers	176,000	492,200	2,279,100	-	215,000	42,029,200	3,334,700
Increase (Decrease) in Fund Bal.	486	403	429	4,565	-	207,774	34,089
<i>Percentage of Change</i>	1%	1%	1%	1%	-	1%	1%
FUND BALANCE E.O.P.	\$49,052	\$40,658	\$43,294	\$461,103	-	\$20,985,144	\$3,442,980

Note: Change in Fund Balance for each changes in Fund Balance Book individual fund including FY20 – FY25 is in the "Detail Fund Changes in Fund Balance Book".

Debt Service Change in Fund Balance Summary
FY23 Budget
2000 – Debt Service Funds

	2816: 2011B	2817: 2012A	2818: 2012B	2819: 2013B	2822: 2015B	2825: 2016C	2826: 2017A
	SR Rev Bond -	SR Rev Bond -	SR Rev Bond -	SR Rev Bond -	SR Rev Bond	SR Rev Bond -	SR Rev Bond -
	Prin & Int - WW	Prin & Int - WW	Prin & Int - WW	Prin & Int - WW	Prin & Int - WW	Prin & Int - WW	Prin & Int - WW
FUND BALANCE B.O.P.	\$2,717,181	\$3,769,649	\$9,344,889	\$2,535,382	\$16,701	\$8,790	\$2,240
Revenue Bonds	-	-	-	-	-	-	-
Interest on Investments	27,172	37,696	93,449	25,354	167	88	22
Miscellaneous	-	-	-	-	-	-	-
Total Revenues	27,172	37,696	93,449	25,354	167	88	22
Principal	-	-	4,450,000	3,695,000	3,220,000	3,195,000	11,040,000
Interest Payments	-	112,150	490,350	886,662	8,096,600	6,350,800	14,854,900
Agency and Other Debt Expense	-	-	-	-	-	-	-
Total Expenditures	-	112,150	4,940,350	4,581,662	11,316,600	9,545,800	25,894,900
Net Operating Income (Loss)	27,172	(74,454)	(4,846,901)	(4,556,308)	(11,316,433)	(9,545,712)	(25,894,878)
Interfund Transfers	-	112,150	4,940,350	4,581,662	11,316,600	9,545,800	25,894,900
Increase (Decrease) in Fund Bal.	27,172	37,696	93,449	25,354	167	88	22
<i>Percentage of Change</i>	1%	1%	1%	1%	1%	1%	1%
FUND BALANCE E.O.P.	\$2,744,353	\$3,807,345	\$9,438,338	\$2,560,735	\$16,868	\$8,878	\$2,262

Note: Change in Fund Balance for each changes in Fund Balance Book individual fund including FY20 – FY25 is in the "Detail Fund Changes in Fund Balance Book".

Debt Service Change in Fund Balance Summary
FY23 Budget
2000 – Debt Service Funds

	2827: 2018A WIFIA - Prin & Int - WW	2830: 2019B SR Rev Bond - Prin & Int - WW	2831: 2019C SR Ref Taxable Rev Bond - Prin & Int - WW	2833: 2020B SR Rev Bond - Prin & Int - WW	2836: 2021C SR DP Ref Rev Bond - Prin & Int - WW	2838: 2022A SR DP Ref Rev Bond - Prin & Int - WW	2846: 2026A SR DP Ref Rev Bond - Prin & Int - WW
FUND BALANCE B.O.P.	\$815,090	\$19,257	\$33,895	\$33,139	\$100,000	-	\$150,000
Revenue Bonds	-	-	-	-	-	-	-
Interest on Investments	8,151	193	339	331	1,000	-	1,500
Miscellaneous	-	-	-	-	-	-	-
Total Revenues	8,151	193	339	331	1,000	-	1,500
Principal	-	920,000	1,570,000	1,990,000	-	-	-
Interest Payments	827,847	2,520,800	8,252,800	5,808,000	281,000	1,981,200	-
Agency and Other Debt Expense	-	-	-	-	-	-	-
Total Expenditures	827,847	3,440,800	9,822,800	7,798,000	281,000	1,981,200	-
Net Operating Income (Loss)	(819,696)	(3,440,607)	(9,822,461)	(7,797,669)	(280,000)	(1,981,200)	1,500
Interfund Transfers	827,847	3,440,800	9,822,800	7,798,000	281,000	1,981,200	-
Increase (Decrease) in Fund Bal.	8,151	193	339	331	1,000	-	1,500
<i>Percentage of Change</i>	1%	1%	1%	1%	1%	-	1%
FUND BALANCE E.O.P.	\$823,241	\$19,450	\$34,234	\$33,470	\$101,000	-	\$151,500

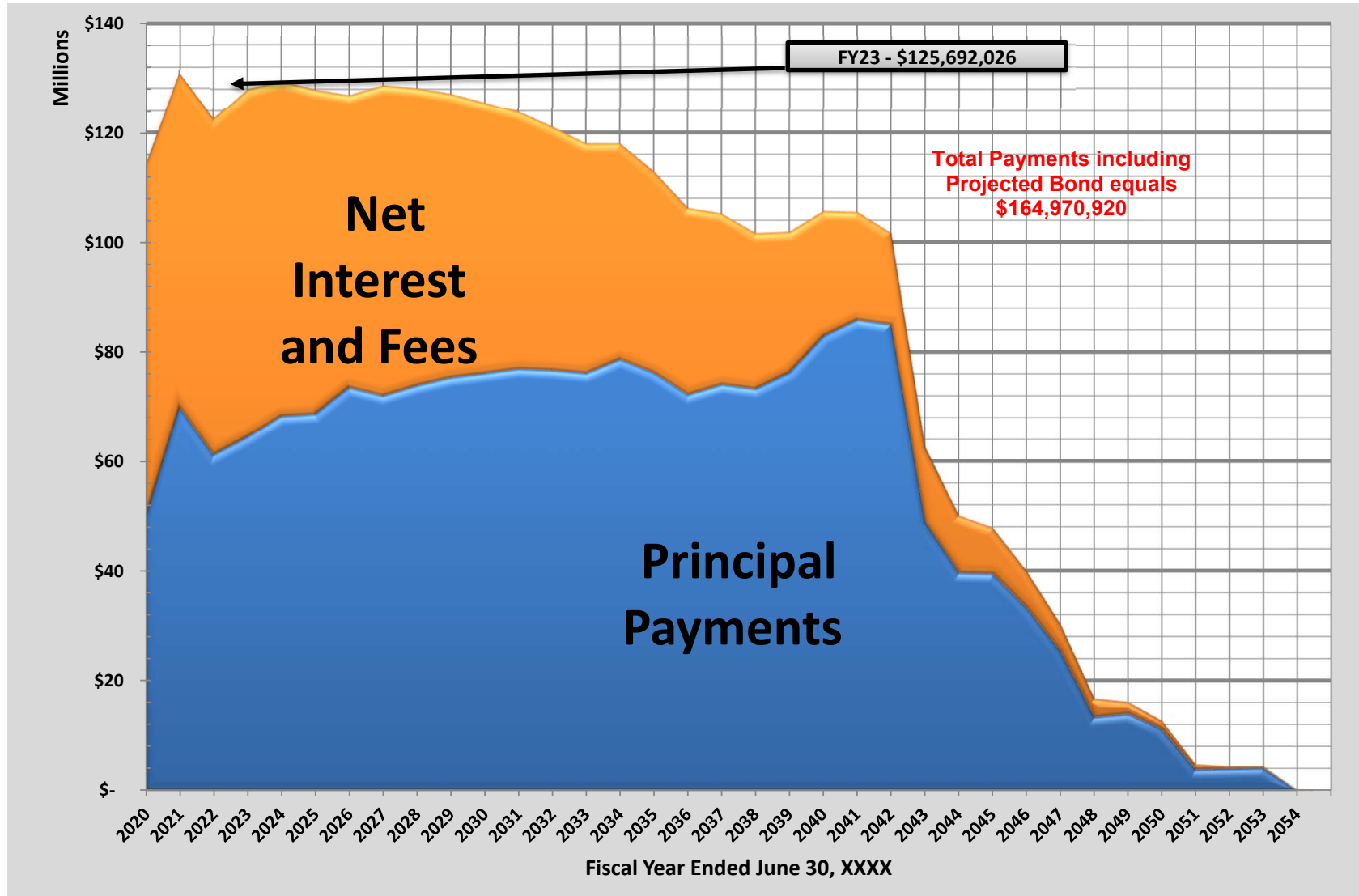
Note: Change in Fund Balance for each changes in Fund Balance Book individual fund including FY20 – FY25 is in the "Detail Fund Changes in Fund Balance Book".

Debt Service Change in Fund Balance Summary
FY23 Budget
2000 – Debt Service Funds

	Proposed Principal and Interest Bond 2: Proposed Principal and Interest Bond 2	Senior Debt	2000: Principal and Interest Funds
FUND BALANCE B.O.P.	-	\$22,955,104	\$43,732,474
Revenue Bonds	28,486,911	28,486,911	28,486,911
Interest on Investments	-	229,551	437,325
Miscellaneous	-	-	-
Total Revenues	28,486,911	28,716,462	28,924,236
Principal	5,977,000	36,057,000	70,419,500
Interest Payments	4,600,000	58,397,809	64,201,009
Agency and Other Debt Expense	28,486,911	28,486,911	30,350,411
Total Expenditures	39,063,911	122,941,720	164,970,920
Net Operating Income (Loss)	(10,577,000)	(94,225,258)	(136,046,684)
Interfund Transfers	10,577,000	94,454,809	136,484,009
Increase (Decrease) in Fund Bal.	-	229,551	437,325
Percentage of Change	-	1%	1%
FUND BALANCE E.O.P.	-	\$23,184,655	\$44,169,798

Note: Change in Fund Balance for each changes in Fund Balance Book individual fund including FY20 – FY25 is in the "Detail Fund Changes in Fund Balance Book".

Debt Service On Existing Debt



Principal payments made with bond proceeds as a result of an advanced refunding are not shown in this graph. In addition Projected Payments for Bonds after 12/31/21 are not included - Proposed Principal and Interest Bond 1 and Proposed Principal and Interest Bond 2.

Metropolitan St. Louis Sewer District

Existing Wastewater System Debt Service Amortization Schedule

Principal payments made with bond proceeds as a result of an advance refunding are not shown in this graph. In addition, projected payments for bonds after 5/31/22 are not included - Proposed Principal and Interest Bond 1 and Proposed Principal and Interest Bond 2.

Note: The majority of the Debt Service is to meet the obligation of the debt issued for the CIRP requirements most of which are related to the Consent Decree.

Ended June 30,	Principal		Principal	Interest	Gross Debt	①	②	Net Debt
	(beginning of yr)	Additions	Retirements	Payments		Fees	Subsidy	
2020	1,612,894,967	76,082,000	\$49,773,763	63,967,490	113,741,252	2,030,686	(5,130,585)	110,641,353
2021	1,639,203,204	250,922,000	\$69,969,100	64,086,726	134,055,826	1,864,649	(4,528,408)	131,392,067
2022	1,820,156,104	39,845,000	\$61,157,300	65,256,175	126,413,475	1,872,651	(3,620,725)	124,665,400
2023	1,798,843,804		\$64,442,500	62,707,618	127,150,118	1,863,440	(3,321,532)	125,692,026
2024	1,734,401,304		\$68,283,300	60,250,764	128,534,064	1,913,099	(2,925,565)	127,521,598
2025	1,666,118,004		\$68,656,000	54,183,132	122,839,132	1,720,021	(2,520,649)	122,038,504
2026	1,597,462,004		\$73,556,500	56,937,366	130,493,866	1,846,625	(2,105,399)	130,235,091
2027	1,523,905,504		\$72,033,900	54,385,119	126,419,019	1,642,552	(1,776,472)	126,285,099
2028	1,451,871,604		\$73,905,200	52,005,155	125,910,355	1,486,055	(1,676,127)	125,720,284
2029	1,377,966,404		\$75,351,400	49,743,252	125,094,652	1,333,401	(1,649,672)	124,778,381
2030	1,302,615,004		\$76,111,500	47,419,718	123,531,218	1,177,346	(1,642,857)	123,065,707
2031	1,226,503,504		\$76,921,800	45,034,640	121,956,440	1,036,102	(1,642,857)	121,349,685
2032	1,149,581,704		\$76,679,200	42,644,134	119,323,334	904,100	(1,642,857)	118,584,577
2033	1,072,902,504		\$76,112,000	40,220,129	116,332,129	774,520	(1,642,857)	115,463,791
2034	996,790,504		\$78,676,300	37,710,926	116,387,226	642,479	(1,641,115)	115,388,591
2035	918,114,204		\$76,200,000	35,113,907	111,313,907	522,055	(1,639,373)	110,196,590
2036	841,914,204		\$72,249,000	32,119,396	104,368,396	436,191	(1,407,932)	103,396,654
2037	769,665,204		\$74,097,000	29,135,855	103,232,855	355,514	(1,157,204)	102,431,165
2038	695,568,204		\$73,302,000	26,061,438	99,363,438	284,677	(771,469)	98,876,645
2039	622,266,204		\$76,290,000	22,929,019	99,219,019	233,335	(385,735)	99,066,620
2040	545,976,204		\$82,917,670	19,450,678	102,368,348	181,124	-	102,549,472
2041	463,058,534		\$85,897,789	16,537,607	102,435,396	128,032	-	102,563,428
2042	377,160,745		\$84,990,513	13,519,728	98,510,241	79,937	-	98,590,178
2043	292,170,232		\$48,961,921	10,337,468	59,299,389	45,820	-	59,345,209
2044	243,208,312		\$39,658,095	8,276,911	47,935,006	23,093	-	47,958,099
2045	203,550,216		\$39,493,121	6,608,576	46,101,697	4,648	-	46,106,344
2046	164,057,095		\$33,293,085	4,884,384	38,177,469	-	-	38,177,469
2047	130,764,010		\$25,350,078	3,284,392	28,634,469	-	-	28,634,469
2048	105,413,932		\$13,400,191	2,083,528	15,483,719	-	-	15,483,719
2049	92,013,741		\$13,998,521	1,482,198	15,480,719	-	-	15,480,719
2050	78,015,220		\$11,185,166	853,054	12,038,219	-	-	12,038,219
2051	66,830,054		\$3,875,227	366,743	4,241,969	-	-	4,241,969
2052	62,954,828		\$3,993,809	248,161	4,241,969	-	-	4,241,969
2053	58,961,019		\$4,116,019	125,950	4,241,969	-	-	4,241,969
2054	-		-	-	-	-	-	-
Totals		\$366,849,000	\$1,924,898,966	\$1,029,971,337	\$2,954,870,303	\$24,402,150	-\$42,829,389	\$2,936,443,064

① Includes DNR Fees and Trustee/Dissemination Fee

② Debt Service Reserve Fund Earnings

③ Amortization schedule varies slightly due to rounding compared to the Fund Pages

For more detail on the individual bonds see the Annual Comprehensive Financial Report FY21, Note 6 starting at page 44 to page 69.



Special Funds of the District are comprised of the following:

IMPROVEMENT FUND:

A fund to pay the cost of any improvements or to purchase any special tax bills issued for any improvement. The fund can receive monies from the General Fund, bond issues, collection of special benefit assessments or special tax bills, sale of special tax bills, or any other source provided by law.

WATER BACKUP INSURANCE & REIMBURSEMENT FUND:

A fund to be used to respond to water backups caused by overcharged lines or blocked mains. This fund will administer the Water Backup Insurance and Reimbursement Program.

GENERAL INSURANCE FUND:

A fund to be used to pay the cost of workers' compensation claims, property insurance, general liability, auto liability, flood insurance and all expenses (i.e. premiums, claims, claim expenses, claim recoveries and claim accruals) related to these coverages.

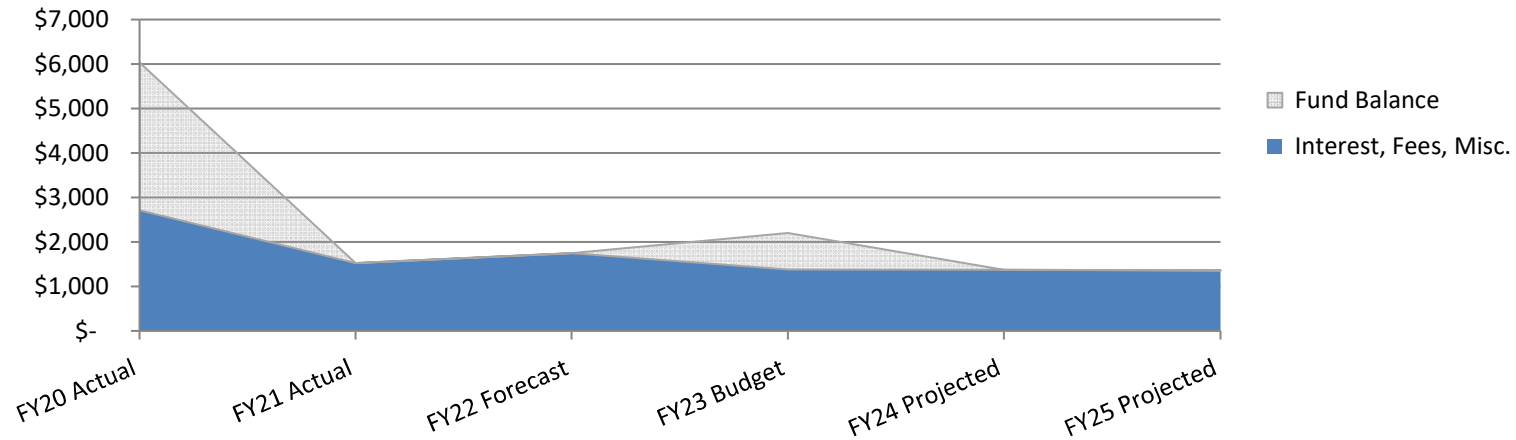
EMERGENCY FUNDS:

Funds to be used for emergency sewer repairs and replacements in the operation and maintenance of the District that are of such a nature as to be non-measurable in the budgeting and appropriations of annual revenues.

SPECIAL FUNDS CONSOLIDATED

Revenue Trends

(\$s in thousands)



This analysis of MSD’s revenue compares actual revenues received in FY20 and FY21, forecasted for FY22, budgeted for FY23 and projected for FY24 and FY25.

Budgeted and projected interest income is based on the average of beginning and ending fund balances unless cash balances are expected to be materially different from fund balances. Connection Fees are recorded in the Improvement Fund and estimated based on historical trends.

Excess funds are retained in fund balances until emergency or other funds are needed. In FY20, the General Insurance Fund had an increase for reimbursement of District's cost for an insurance claim settlement. The budget FY23 and projected FY24 and FY25 are estimated to not include those one time events.

The most significant source of cash inflows to this fund group are from user charge revenue not shown in the graph because they are originally received into the revenue funds and distributed in part to the Special Funds. These transfers are allocated to the Water Backup fund, the General Insurance Fund, and the Wastewater Emergency fund for the purposes designated by ordinance for each of these funds.

METROPOLITAN ST. LOUIS SEWER DISTRICT
CHANGES IN FUND BALANCE
4000 - Special Funds

	FY20 Actual	FY21 Actual	FY22 Budget	FY22 Forecast	FY23 Budget	FY24 Budget	FY25 Budget
FUND BALANCE B.O.P.	\$22,733,933	\$19,409,339	\$24,774,639	\$22,725,490	\$27,136,169	\$26,316,036	\$27,178,311
Interest on Investments	715,895	32,701	252,000	84,845	260,339	246,774	240,054
Connection and Other Fees	857,069	1,592,052	994,000	1,288,673	1,124,000	1,124,000	1,124,000
Miscellaneous	1,139,297	(97,828)	-	375,294	-	-	-
Total Revenues	2,712,261	1,526,925	1,246,000	1,748,812	1,384,339	1,370,774	1,364,054
Personnel Services	910,828	1,265,922	1,159,113	921,499	1,307,113	1,346,326	1,386,716
Contractual Services	10,126,549	9,959,963	12,014,400	9,720,629	13,846,721	14,137,502	14,434,390
Construction and Engineering	3,393,610	3,932,995	-	271,112	4,000,000	-	500,000
Interfund Labor Transfers	116,417	151,893	24,893	24,893	50,638	24,671	14,459
Total Expenditures	14,547,404	15,310,773	13,198,406	10,938,134	19,204,472	15,508,499	16,335,565
Net Operating Income (Loss)	(11,835,143)	(13,783,849)	(11,952,406)	(9,189,321)	(17,820,133)	(14,137,725)	(14,971,510)
Interfund Transfers	8,510,550	17,100,000	13,600,000	13,600,000	17,000,000	15,000,000	15,000,000
Increase (Decrease) in Fund Bal.	(3,324,594)	3,316,151	1,647,594	4,410,679	(820,133)	862,275	28,490
<i>Percentage of Change</i>	-15%	17%	7%	19%	-3%	3%	-
FUND BALANCE E.O.P.	\$19,409,339	\$22,725,490	\$26,422,233	\$27,136,169	\$26,316,036	\$27,178,311	\$27,206,801

Special Change in Fund Balance Summary
FY23 Budget
4000 – Special Funds

	4102: Improvement Fund	4104: Water Backup Fund	4105: General Insurance Fund	4122: Wastewater Emergency Fund	4123: Stormwater Emergency Fund	4000: Special Funds
FUND BALANCE B.O.P.	\$4,134,056	\$11,794,660	\$7,234,748	\$1,630,962	\$2,341,743	\$27,136,169
Interest on Investments	21,087	108,808	75,717	31,310	23,417	260,339
Connection and Other Fees	1,124,000	-	-	-	-	1,124,000
Miscellaneous	-	-	-	-	-	-
Total Revenues	1,145,087	108,808	75,717	31,310	23,417	1,384,339
Personnel Services	-	-	1,307,113	-	-	1,307,113
Contractual Services	-	4,827,688	9,019,033	-	-	13,846,721
Construction and Engineering	4,000,000	-	-	-	-	4,000,000
Interfund Labor Transfers	50,638	-	-	-	-	50,638
Total Expenditures	4,050,638	4,827,688	10,326,146	-	-	19,204,472
Net Operating Income (Loss)	(2,905,551)	(4,718,880)	(10,250,429)	31,310	23,417	(17,820,133)
Interfund Transfers	-	3,000,000	11,000,000	3,000,000	-	17,000,000
Increase (Decrease) in Fund Bal.	(2,905,551)	(1,718,880)	749,571	3,031,310	23,417	(820,133)
<i>Percentage of Change</i>	<i>-70%</i>	<i>-15%</i>	<i>10%</i>	<i>186%</i>	<i>1%</i>	<i>-3%</i>
FUND BALANCE E.O.P.	\$1,228,505	\$10,075,780	\$7,984,319	\$4,662,271	\$2,365,160	\$26,316,036

Note: Change in Fund Balance for each changes in Fund Balance Book individual fund including FY20 – FY25 is in the "Detail Fund Changes in Fund Balance Book".

**PROJECT LISTING FY23
SPECIAL FUNDS**

<u>PROJECT NAME</u>	<u>MUNICIPALITY</u>	<u>COST ESTIMATE</u>	<u>PAGE</u> ⁽¹⁾
4102 - Improvement Fund			
LEMAY WWTF REPAIRS AND IMPROVEMENTS (2023) (GRIT TANKS AND SECONDARY CLARIFIER DUCT BANK)	Unincorporated	\$4,000,000	93
<i>NUMBER OF PROJECTS: 1</i>	FUND TOTAL:	<u><u>\$4,000,000</u></u>	

(1) The Page refers to the page number in the Budget Supplement Appendix



FY23 BUDGET



An ordinance is a bill, resolution or order by means of which appropriations are given legal effect. It is the method by which the appropriation of the annual budget is enacted into law by the Board of Trustees.

**FY23 Budget Ordinance
#15904 and Reconciliation**

**PROPOSED BUDGET ORDINANCE
FY23**

Revenue:

Wastewater Revenue Fund	459,279,591
Total Revenue Funds	459,279,591

Fund Transfers

Transfers from Wastewater Revenue Fund:	
General Fund	180,795,582
Sanitary Replacement Fund	125,000,000
Wastewater Emergency Fund	3,000,000
Water Backup Insurance and Reimbursement Fund	3,000,000
General Insurance Fund	11,000,000
Debt Service Funds	136,484,009
Total Wastewater Revenue Transfers	459,279,591

Appropriations:

General Fund	183,615,567
Water Backup Insurance and Reimbursement Fund	4,827,688
General Insurance Fund	10,326,146
Tax Commission Fees	678,337
Interfund Labor Transfers	36,121,608
Total Operating Budget	235,569,346
Debt Service Funds	164,970,920
Construction Funds	3,790,750
Total Other Appropriations	168,761,670
Total Appropriations	404,331,016

PROPOSED FY23 BUDGET ORDINANCE NO. 15904

AN ORDINANCE, repealing and superseding Ordinance No. 15671, adopted June 10, 2021, and making appropriations for the current expenses of the District in the General Fund, the Water Backup Insurance and Reimbursement Fund, the General Insurance Fund, the Sanitary Replacement Fund, the Improvement Fund, the Stormwater Operations, Maintenance and Construction Improvement Funds, the Emergency Funds, and the Debt Service Funds for the fiscal year beginning July 1, 2022 and ending June 30, 2023, amounting in the aggregate to Four Hundred Four Million Three Hundred Thirty-one Thousand Sixteen Dollars (\$404,331,016) to pay interest falling due on bonds issued, the costs of support, operation, and maintenance of the District and its various subdistricts, and emergencies, and shall adopt a five-year strategic operating plan as required by Charter which states the District’s objectives for the succeeding five years and includes objective targets by which to measure the district’s performance in meeting these objectives in accordance with the requirements of this Proposed Ordinance that was introduced May 12, 2022.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF TRUSTEES OF THE METROPOLITAN ST. LOUIS

SEWER DISTRICT:

REVENUE FUNDS

Section One – Wastewater Revenue Fund. The total dollars collected in the Wastewater Revenue Fund is estimated to be Four Hundred Fifty-nine Million Two Hundred Seventy-nine Thousand Five Hundred Ninety-one Dollars (\$459,279,591) and is hereby transferred from the Wastewater Revenue Fund to the General Fund of the District for the support, operation and maintenance of several departments, Board,

Civil Service Commission, the Water Backup Insurance and Reimbursement Fund, the General Insurance Fund, the Wastewater Emergency Fund, the Sanitary Replacement Fund, and the Wastewater Revenue Bond Service Funds for other lawful activities of the District including the payment of interest and principal falling due on bonds issued for the fiscal year beginning July 1, 2022, and ending June 30, 2023.

WASTEWATER USER CHARGE REVENUE \$459,279,591

EXPENSE APPROPRIATIONS

Section Two – General Fund. There is hereby transferred from the Wastewater Revenue Fund the sum of One Hundred Eighty Million Seven Hundred Ninety-five Thousand Five Hundred Eighty-two Dollars (\$180,795,582). There is hereby appropriated and set apart out of the General Fund of the District the sum of One Hundred Eighty-three Million Six Hundred Fifteen Thousand Five Hundred Sixty-seven Dollars (\$183,615,567) for the support, operation and maintenance of several departments, Board, Civil Service Commission, Rate Commission and other lawful activities of the District.

SECTION TWO APPROPRIATIONS \$183,615,567

Section Three – Wastewater Backup Insurance and Reimbursement Fund. For the purpose of providing water backup insurance and reimbursement for basement backups, there is hereby transferred from the Wastewater Revenue Fund the sum of Three Million Dollars (\$3,000,000) to the Water Backup Insurance and Reimbursement Fund. There is hereby appropriated and set apart out of the Water Backup Insurance and Reimbursement Fund the sum of Four Million Eight Hundred Twenty-seven Thousand Six Hundred Eighty-eight Dollars (\$4,827,688).

SECTION THREE APPROPRIATIONS \$ 4,827,688

Section Four – General Insurance Fund. For the purpose of providing workers’ compensation, property insurance, general liability insurance, auto liability insurance and flood insurance there is hereby transferred from the Wastewater Revenue Fund the sum of Eleven Million Dollars (\$11,000,000) to the General Insurance Fund. There is hereby appropriated and set apart out of the General Insurance Fund the sum of Ten Million Three Hundred Twenty-six Thousand One Hundred Forty-six Dollars (\$10,326,146).

SECTION FOUR APPROPRIATIONS

\$ 10,326,146

Section Five – Improvement Fund. For the purpose of providing for the cost of improvements there is hereby appropriated and set apart out of the Improvement Fund the sum of Fifty Thousand Six Hundred Thirty-eight Dollars (\$50,638).

SECTION FIVE APPROPRIATIONS

\$ 50,638

Section Six – For the purpose of providing Stormwater Operations, Maintenance, Administration, and Construction Improvements, there is hereby appropriated Twenty-nine Million One Hundred Ninety-nine Thousand Nine Hundred Forty-five Dollars (\$29,199,945).

Appropriations will be executed through the Stormwater and Operations, Maintenance, and Construction Improvement Funds as follows:

- Section Six (1) – Stormwater Regulatory Fund (5110). For the purpose of providing for operations, maintenance, administration, and construction Improvement, there is hereby appropriated and set apart out of the Stormwater Regulatory Fund the sum of Six Million Three Hundred Twenty-two Thousand Six Hundred Fifteen Dollars (\$6,322,615) for use by the Executive Director.
- Section Six (2) – Districtwide Stormwater Fund (5120). For the purpose of providing for operations, maintenance, administration, and construction Improvement, there is hereby appropriated and set apart out of the Districtwide Stormwater Fund the sum of Twenty-one Million Five Hundred Sixty-three Thousand Eight Hundred Forty-eight Dollars (\$21,563,848) for use by the Executive Director.

- Section Six (3) – Coldwater Creek OMCI Fund (5564). For the purpose of providing for Operations, Maintenance, Administration, Construction Improvement, there is hereby appropriated and set apart out of the Coldwater Creek OMCI Fund the sum of Two Hundred Ninety-Eight Thousand Seven Hundred Ninety-nine Dollars (\$298,799) for use by the Executive Director.
- Section Six (4) – Deer Creek OMCI Fund (5566). For the purpose of providing for Operations, Maintenance, Administration, Construction Improvement, there is hereby appropriated and set apart out of the Deer Creek OMCI Fund the sum of Six Hundred Nine Thousand One Hundred Fifty Dollars (\$609,150) for use by the Executive Director.
- Section Six (5) – Gravois Creek OMCI Fund (5571). For the purpose of providing for Operations, Maintenance, Administration, Construction Improvement, there is hereby appropriated and set apart out of the Gravois Creek OMCI Fund the sum of One Hundred Twenty-five Thousand One Hundred Eight Dollars (\$125,108) for use by the Executive Director.
- Section Six (6) – Maline Creek OMCI Fund (5576). For the purpose of providing for Operations, Maintenance, Administration, Construction Improvement, there is hereby appropriated and set apart out of the Maline Creek OMCI Fund the sum of Sixty-nine Thousand Sixty-six Dollars (\$69,066) for use by the Executive Director.
- Section Six (7) – Sugar Creek OMCI Fund (5583). For the purpose of providing for Operations, Maintenance, Administration, Construction Improvement, there is hereby appropriated and set apart out of the Sugar Creek OMCI Fund the sum of Thirty-five Thousand Two Hundred Eighty-nine Dollars (\$35,289) for use by the Executive Director.

- Section Six (8) – University City Branch River Des Peres OMCI Fund (5584). For the purpose of providing for Operations, Maintenance, Administration, Construction Improvement, there is hereby appropriated and set apart out of the University City Branch of River Des Peres OMCI Fund the sum of One Hundred Fifty-one Thousand One Hundred Two Dollars (\$151,102) for use by the Executive Director.
- Section Six (9) – Watkins Creek OMCI Fund (5587). For the purpose of providing for Operations, Maintenance, Administration, Construction Improvement, there is hereby appropriated and set apart out of the Watkins Creek OMCI Fund the sum of One Thousand Four Hundred Thirty-nine Dollars (\$1,439) for use by the Executive Director.
- Section Six (10) – Seminary Branch River Des Peres OMCI Fund (5593). For the purpose of providing for Operations, Maintenance, Administration, Construction Improvement, there is hereby appropriated and set apart out of the Seminary Branch of River Des Peres OMCI Fund the sum of Twenty-three Thousand Five Hundred Twenty-nine Dollars (\$23,529) for use by the Executive Director.

SECTION SIX APPROPRIATIONS

\$ 29,199,945

Section Seven – Wastewater Emergency Fund. For the purpose of providing for emergency work or repairs requiring prompt attention, there is hereby transferred from the Wastewater Revenue Fund to the Wastewater Emergency Fund the sum of Three Million Dollars (\$3,000,000). There is hereby appropriated and set apart out of the Wastewater Emergency Fund the sum of Zero Dollars (\$0) for use by the Executive Director in contracting for emergency work or repairs.

SECTION SEVEN APPROPRIATIONS

\$ 0

Section Eight – Stormwater Emergency Fund. For the purpose of providing for emergency work or repairs requiring prompt attention, there is hereby appropriated and set apart out of the Stormwater Emergency Fund the sum of Zero Dollars (\$0) for use by the Executive Director in contracting for emergency work or repairs.

SECTION EIGHT APPROPRIATIONS

\$ 0

Section Nine – Debt Service Funds. For the purpose of providing for the support of the Wastewater Revenue Bond Debt Service of the Metropolitan St. Louis Sewer District for the fiscal year beginning July 1, 2022 and ending June 30, 2023, there is hereby transferred from the Wastewater Revenue Fund to the Debt Service Funds the total sum of One Hundred Thirty-six Million Four Hundred Eighty-four Thousand Nine Dollars (\$136,484,009) to be reallocated between said funds and, if necessary, the General Fund by the Executive Director to meet the changing requirements of the Debt Service Funds. Appropriations will be executed through the Debt Service Funds as follows for total District principal and interest falling due on outstanding revenue bonds, including any new issues planned during the fiscal year, and banking fees relating to the debt with allowances for redistribution of these appropriations among the Debt Service Funds and, if necessary, the General Fund by the Executive Director to meet the changing requirements of the Debt Service Funds:

- Section Nine (1) – 2004A SR Rev Bond Principal and Interest – WW – Fund (2804). There is hereby appropriated and set apart out of the Debt Service Fund Number 2804 the sum of Twenty-three Million Eight Hundred Seventeen Thousand One Hundred Dollars (\$23,817,100).

- Section Nine (2) – 2010B SR Rev Bond – Principal and Interest - WW – Fund (2812) There is hereby appropriated and set apart out of the Debt Service Fund Number 2812 the sum of Three Million Three Hundred Thirty-four Thousand Seven Hundred Dollars (\$3,334,700).
- Section Nine (3) – 2012A SR Rev Bond – Principal and Interest - WW – Fund (2817) There is hereby appropriated and set apart out of the Debt Service Fund Number 2817 the sum of One Hundred Twelve Thousand One Hundred Fifty Dollars (\$112,150).
- Section Nine (4) – 2012A SR Revenue Bond – Principal and Interest - WW – Fund (2818) There is hereby appropriated and set apart out of the Debt Service Fund Number 2818 the sum of Four Million Nine Hundred Forty Thousand Three Hundred Fifty Dollars (\$4,940,350).
- Section Nine (5) - 2013B SR Revenue Bond – Principal and Interest - WW – Fund (2819) There is hereby appropriated and set apart out of the Debt Service Fund Number 2819 the sum of Four Million Five Hundred Eighty-one Thousand Six Hundred Sixty-two Dollars (\$4,581,662).
- Section Nine (6) – 2013A SRF – Principal and Interest – Fund (2820) There is hereby appropriated and set apart out of the Debt Service Fund Number 2820 the sum of Two Million Nine Hundred Sixty-eight Thousand Dollars (\$2,968,000).
- Section Nine (7) – 2015A SRF – Principal and Interest – Fund (2821) There is hereby appropriated and set apart out of the Debt Service Fund Number 2821 the sum of Four Million Six Hundred Seventeen Thousand Five Hundred Dollars (\$4,617,500).

- Section Nine (8) – 2015B SR Revenue Bond – Principal and Interest - WW – Fund (2822) There is hereby appropriated and set apart out of the Debt Service Fund Number 2822 the sum of Eleven Million Three Hundred Sixteen Thousand Six Hundred Dollars (\$11,316,600).
- Section Nine (9) – 2016A SRF – Principal and Interest – Fund (2823) There is hereby appropriated and set apart out of the Debt Service Fund Number 2823 the sum of One Million One Hundred Ninety-one Thousand Two Hundred Dollars (\$1,191,200).
- Section Nine (10) – 2016B SRF – Principal and Interest – WW Fund (2824) There is hereby appropriated and set apart out of the Debt Service Fund Number 2824 the sum of Four Million Four Hundred Eighty-nine Thousand Three Hundred Dollars (\$4,489,300).
- Section Nine (11) – 2016C SR Revenue Bond – Principal and Interest - WW – Fund (2825) There is hereby appropriated and set apart out of the Debt Service Fund Number 2825 the sum of Nine Million Five Hundred Forty-five Thousand Eight Hundred Dollars (\$9,545,800).
- Section Nine (12) – 2017A SR Revenue Bond – Principal and Interest - WW – Fund (2826) There is hereby appropriated and set apart out of the Debt Fund Number 2826 the sum of Twenty-five Million Eight Hundred Ninety-four Thousand Nine Hundred Dollars (\$25,894,900).
- Section Nine (13) – 2018A WIFIA – Principal and Interest - WW – Fund (2827) There is hereby appropriated and set apart out of the Debt Bond Service Fund Number 2827 the sum of Eight Hundred Twenty-seven Thousand Eight Hundred Forty-seven Dollars (\$827,847).

- Section Nine (14) – 2018B SRF – Principal and Interest – WW – Fund (2828) There is hereby appropriated and set apart out of the Debt Service Fund Number 2828 the sum of One Million Five Hundred Forty-nine Thousand One Hundred Dollars (\$1,549,100).
- Section Nine (15) – 2019A SRF – Principal and Interest – WW – Fund (2829) There is hereby appropriated and set apart out of the Debt Service Fund Number 2829 the sum of Two Hundred Thirty-four Thousand Seven Hundred Dollars (\$234,700).
- Section Nine (16) – 2019B SR Rev Bond – Principal and Interest – WW – Fund (2830) There is hereby appropriated and set apart out of the Debt Service Fund Number 2830 the sum of Three Million Four Hundred Forty Thousand Eight Hundred Dollars (\$3,440,800).
- Section Nine (17) – 2019C SR Ref Taxable Rev Bond – Principal and Interest – WW – Fund (2831) There is hereby appropriated and set apart out of the Debt Service Fund Number 2831 the sum of Nine Million Eight Hundred Twenty-two Thousand Eight Hundred Dollars (\$9,822,800).
- Section Nine (18) – 2020A SRF – Principal and Interest – WW – Fund (2832) There is hereby appropriated and set apart out of the Debt Service Fund Number 2832 the sum of One Hundred Seventy-six Thousand Dollars (\$176,000).
- Section Nine (19) – 2020B SR Rev Bond - Principal and Interest – WW – Fund (2833) There is hereby appropriated and set apart out of the Debt Service Fund Number 2833 the sum of Seven Million Seven Hundred Ninety-eight Thousand Dollars (\$7,798,000).
- Section Nine (20) – 2021A SRF – Principal and Interest – WW – Fund (2834) There is hereby appropriated and set apart out of the Debt Service Fund Number 2834 the sum of Four Hundred Ninety-two Thousand Two Hundred Dollars (\$492,200)
- Section Nine (21) – 2021B SRF – Principal and Interest – WW – Fund (2835) There is hereby appropriated and set apart out of the Debt Service Fund Number 2835 the sum of Two Million Two Hundred Seventy-nine Thousand One Hundred Dollars (\$2,279,100)

- Section Nine (22) – 2021C SR Rev Bond - Principal and Interest – WW – Fund (2836) There is hereby appropriated and set apart out of the Debt Service Fund Number 2836 the sum of Two Hundred Eighty-one Thousand Dollars (\$281,000)
- Section Nine (23) – 2022A SR Rev Bond - Principal and Interest – WW – Fund (2838) There is hereby appropriated and set apart out of the Debt Service Fund Number 2838 the sum of One Million Nine Hundred Eighty-one Thousand Two Hundred Dollars (\$1,981,200)
- Section Nine (24) – Proposed Principal and Interest Fund Bond 1 There is hereby appropriated and set apart out of the Debt Service Proposed Fund Bond 1 the sum of Two Hundred Fifteen Thousand Dollars (\$215,000).
- Section Nine (25) – Proposed Principal and Interest Fund Bond 2 There is hereby appropriated and set apart out of the Debt Proposed Fund Bond 2 the sum of Thirty-nine Million Sixty-three Thousand Nine Hundred Eleven Dollars (\$39,063,911).

SECTION NINE APPROPRIATIONS

\$164,970,920

Section Ten – Sanitary Replacement Fund. For the purpose of meeting the costs of repairing, rehabilitating, and replacing the District's Wastewater System, there is hereby transferred from the Wastewater Revenue Fund to the Sanitary Replacement Fund the sum of One Hundred Twenty-five Million Dollars (\$125,000,000). There is hereby appropriated and set apart out of the Sanitary Replacement Fund the sum of Eleven Million Three Hundred Forty Thousand One Hundred Twelve Dollars (\$11,340,112) for use by the Executive Director for internal labor costs associated with projects appropriated in this fund.

SECTION TEN APPROPRIATIONS

\$ 11,340,112

TOTAL DISTRICT BUDGET APPROPRIATIONS

\$404,331,016

SUMMARY OF APPROPRIATIONS
FY23

Fund(s)	Appropriation
General Fund	\$183,615,567
Water Backup Insurance and Reimbursement Fund	4,827,688
General Insurance Fund	10,326,146
Improvement Fund	50,638
Stormwater & OMCI Funds	29,199,945
Emergency Funds	0
Debt Service Funds	164,970,920
Sanitary Replacement Fund	11,340,112
Total District Appropriations	\$404,331,016



FY23 BUDGET



Taxes are based on voter-approved rates that are included on the tax bills issued by the City of St. Louis or St. Louis County. The tax bills are calculated based on the tax assessment information provided by the governing authority and the current tax rates. The tax revenue is realized in the first half of the fiscal year.

FY23 Tax Ordinance #15905

TAX ORDINANCE NO.15905

AN ORDINANCE repealing Ordinance No. 15768, adopted September 27, 2022, and enacting a new Ordinance in lieu thereof, adjusting the previously fixed taxes by determining the amount of taxes which shall be levied, assessed, and collected in the year 2022 on all taxable tangible property in the District within the corporate limits of the City of St. Louis and St. Louis County, respectively, and in Subdistricts within the corporate limits of St. Louis County as follows: Coldwater Creek Trunk Subdistrict, Gravois Creek Trunk Subdistrict, Maline Creek Trunk Subdistrict, Watkins Creek Trunk Subdistrict, Subdistrict No. 89 (Loretta-Joplin), Subdistrict No. 342 (Clayton-Central), Subdistrict No. 366 (University City Branch of River des Peres Stormwater Subdistrict), Subdistrict No. 367 (Deer Creek Stormwater Subdistrict), Subdistrict No. 369 (Sugar Creek), Subdistrict No. 448 (Missouri River - Bonfils), Subdistrict No. 449 (Meramec River Basin - M.S.D. Southwest), Subdistrict No. 454 (Seminary Branch of River des Peres), Subdistrict No. 455 (Black Creek), Subdistrict No. 1 of the River des Peres Watershed (Creve Coeur-Frontenac Area) and Subdistrict No. 7 of the River des Peres Watershed (Wellston Area); and the Board of Trustees, in accordance with Charter Section 7.310 authorizes the Director of Finance to certify as to the amount of taxes which shall be levied, assessed and collected within the corporate limits of the City of St. Louis and St. Louis County and for the aforementioned Subdistricts; and

WHEREAS, after notice of hearing as provided in the Charter, and after due consideration of all the statements made and the facts adduced at such hearing, the Board has found that it will be necessary in the calendar year 2022 to levy,

assess, and collect taxes on taxable tangible property in the District.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF TRUSTEES OF THE METROPOLITAN ST.

LOUIS SEWER DISTRICT:

Section One. For the fiscal year beginning July 1, 2022, The Metropolitan St. Louis Sewer District shall levy, assess, and collect taxes on all taxable tangible property within the boundaries of The Metropolitan St. Louis Sewer District.

Section Two. For the general administration of The Metropolitan St. Louis Sewer District during the fiscal year beginning July 1, 2022, the amount of taxes which shall be levied, assessed, and collected in the year 2022 on all taxable tangible property within the boundaries of The Metropolitan St. Louis Sewer District shall be Five Million Eight Hundred Eighty-one Thousand Seven Hundred Seven-eight Dollars (\$5,881,778), which will be produced by the rate of one point six nine cents (.0169) per one hundred dollars assessed valuation for residential property, one point six nine cents (.0169) per one hundred dollars assessed valuation for agricultural property, one point six nine cents (.0169) per one hundred dollars assessed valuation for commercial property and one point six nine cents (.0169) per one hundred dollars assessed valuation for personal property, and of which Nine Hundred Eleven Thousand Nine Hundred Sixty Dollars (\$911,960), shall be levied, assessed, and collected on taxable tangible property in said District within the corporate limits of the City of St. Louis, and of which Four Million Nine Hundred Sixty-nine Thousand Eight Hundred Eighteen Dollars (\$4,969,818), shall be levied, assessed, and collected on taxable tangible property within that part of the corporate limits of St. Louis County lying within said District. These funds are to be allocated to the Stormwater Regulatory Fund.

Section Three. In The Metropolitan St. Louis Sewer District, for the purpose of providing revenue for the

operations of the District's stormwater utility, including stormwater system operation and maintenance, rehabilitation and limited construction of infrastructure and other capital improvements, and an operating reserve, and for the anticipated tax delinquencies during the fiscal year beginning July 1, 2022, the amount of taxes which shall be levied, assessed, and collected in the year 2022 on all taxable tangible property in said District shall be Twenty-nine Million Five Hundred Six Thousand Six Hundred Thirty-nine Dollars (\$29,506,639), which total sum will be produced by the rate of eight point seven two cents (.0872) per one hundred dollars assessed valuation for residential property, eight point seven two cents (.0872) per one hundred dollars assessed valuation for agricultural property, eight point seven two cents (.0872) per one hundred dollars assessed valuation for commercial property and eight point seven two cents (.0872) per one hundred dollars assessed valuation for personal property, and of which total sum Four Million Seven Hundred Five Thousand Four Hundred Ninety-six Dollars (\$4,705,496), shall be levied, assessed, and collected on taxable tangible property in said District within the corporate limits of the City of St. Louis, and of which total sum Twenty-four Million Eight Hundred One Thousand One Hundred Forty-three Dollars (\$24,801,143), shall be levied, assessed, and collected on taxable tangible property within that part of the corporate limits of St. Louis County lying within said District. These funds are to be allocated to the Districtwide Stormwater Fund.

Section Four. The amount of taxes which shall be levied, assessed and collected in the year 2022 on all taxable tangible property within that part of the corporate limits of St. Louis County lying within the Coldwater Creek Trunk Subdistrict, as defined and delineated by District Ordinance No. 3755, adopted April 11, 1979, shall be Two Million Forty-eight Thousand Six Hundred Sixty-two Dollars (\$2,048,662), which sum will be produced by the rate of seven point eight cents (.078) per one hundred

dollars assessed valuation for residential property, nine point five cents (.095) per one hundred dollars assessed valuation for agricultural property, nine point nine cents (.099) per one hundred dollars assessed valuation for commercial property and ten cents (.100) per one hundred dollars assessed valuation for personal property.

Section Five. The amount of taxes which shall be levied, assessed and collected in the year 2022 on all taxable tangible property within that part of the corporate limits of St. Louis County lying within the Gravois Creek Trunk Subdistrict, as defined and delineated by District Ordinance No. 425, adopted July 14, 1960; and as enlarged by annexation thereto of the areas described in District Ordinance No. 1235, adopted November 12, 1964; No. 1451, adopted January 13, 1966; No. 1453, adopted January 13, 1966; No. 1485, adopted May 9, 1966; No. 1784, adopted September 12, 1968; No. 1884, adopted May 1, 1969; No. 1907, adopted June 12, 1969; No. 2012, adopted March 19, 1970; No. 2157, adopted April 22, 1971; No. 2175, adopted June 3, 1971; No. 177, adopted June 3, 1971; No. 2191, adopted July 15, 1971; No. 2272, adopted March 9, 1972; No. 2377, adopted January 26, 1973; and No. 2941, adopted October 29, 1975; shall be One Million Five Hundred Twenty-one Thousand Six Hundred Eighty-nine Dollars (\$1,521,689), which sum will be produced by the rate of six point one cents (.061) per one hundred dollars assessed valuation for residential property, five point six cents (.056) per one hundred dollars assessed valuation for agricultural property, seven point six cents (.076) per one hundred dollars assessed valuation for commercial property and eight point six cents (.086) per one hundred dollars assessed valuation for personal property.

Section Six. The amount of taxes which shall be levied, assessed and collected in the year 2022 on all taxable tangible property within that part of the corporate limits of St. Louis County lying within the Maline Creek Trunk Subdistrict, as defined

and delineated by District Ordinance No. 26, adopted June 30, 1955, and as enlarged by annexation thereto of the area described in District Ordinance No. 1962, adopted October 30, 1969, shall be Seven Hundred Fifteen Thousand Seven Hundred Ninety-five Dollars (\$715,795), which sum will be produced by the rate of eight point one cents (.081) per one hundred dollars assessed valuation for residential property, ten cents (.100) per one hundred dollars assessed valuation for agricultural property, nine cents (.090) per one hundred dollars assessed valuation for commercial property and ten cents (.100) per one hundred dollars assessed valuation for personal property.

Section Seven. The amount of taxes which shall be levied, assessed and collected in the year 2022 on all taxable tangible property within that part of the corporate limits of St. Louis County lying within the Watkins Creek Trunk Subdistrict, as defined and delineated by District Ordinance No. 1304, adopted April 8, 1965, and as enlarged by annexation thereto of the area described in Ordinance No. 2050, adopted June 18, 1970, and Ordinance No. 2236, adopted October 29, 1971, shall be Zero Dollars (\$0.00), which sum will be produced by the rate of zero cents (.000) per one hundred dollars assessed valuation for residential property, zero cents (.000) per one hundred dollars assessed valuation for agricultural property, zero cents (.000) per one hundred dollars assessed valuation for commercial property and zero cents (.000) per one hundred dollars assessed valuation for personal property.

Section Eight. The amount of taxes which shall be levied, assessed and collected in the year 2022 on all taxable tangible property within that part of the corporate limits of St. Louis County lying within Subdistrict No. 89 (Loretta-Joplin), as defined and delineated by District Ordinance No. 383, adopted March 31, 1960, shall be Zero Dollars (\$0.00), which sum will

be produced by the rate of zero cents (.000) per one hundred dollars assessed valuation for residential property, zero cents (.000) per one hundred dollars assessed valuation for agricultural property, zero cents (.000) per one hundred dollars assessed valuation for commercial property and zero cents (.000) per one hundred dollars assessed valuation for personal property.

Section Nine. The amount of taxes which shall be levied, assessed and collected in the year 2022 on all taxable tangible property within that part of the corporate limits of St. Louis County lying within Subdistrict No. 342 (Clayton-Central), as defined and delineated by District Ordinance No. 1882, adopted May 1, 1969, shall be Zero Dollars (\$0.00), which sum will be produced by the rate of zero cents (.000) per one hundred dollars assessed valuation for residential property, zero cents (.000) per one hundred dollars assessed valuation for agricultural property, zero cents (.000) per one hundred dollars assessed valuation for commercial property and zero cents (.000) per one hundred dollars assessed valuation for personal property.

Section Ten. The amount of taxes which shall be levied, assessed and collected in the year 2022 on all taxable tangible property within that part of the corporate limits of St. Louis County lying within Subdistrict No. 366 (University City Branch of River des Peres Stormwater Subdistrict), as defined and delineated by District Ordinance No. 2146, adopted April 14, 1971, shall be Nine Hundred Seventy-six Thousand Eight Hundred Ninety Dollars (\$976,890), which sum will be produced by the rate of six point nine cents (.069) per one hundred dollars assessed valuation for residential property, zero cents (.000) per one hundred dollars assessed valuation for agricultural property, eight point nine cents (.089) per one hundred dollars assessed valuation for commercial property and nine point four cents (.094) per one hundred dollars assessed valuation for personal property.

Section Eleven. The amount of taxes which shall be levied, assessed and collected in the year 2022 on all taxable

tangible property within that part of the corporate limits of St. Louis County lying within Subdistrict No. 367 (Deer Creek Stormwater Subdistrict), as defined and delineated by District Ordinance No. 2557, adopted March 27, 1974; and as enlarged by annexation thereto of the areas described in District Ordinance No. 2611, adopted June 26, 1974, shall be Four Million Twenty-one Thousand One Hundred Five Dollars (\$4,021,105), which sum will be produced by the rate of six point six cents (.066) per one hundred dollars assessed valuation for residential property, one point four cents (.014) per one hundred dollars assessed valuation for agricultural property, eight point one cents (.081) per one hundred dollars assessed valuation for commercial property and nine point three cents (.093) per one hundred dollars assessed valuation for personal property.

Section Twelve. The amount of taxes which shall be levied, assessed and collected in the year 2022 on all taxable tangible property within that part of the corporate limits of St. Louis County lying within Subdistrict No. 369 (Sugar Creek Stormwater Subdistrict), as defined and delineated by District Ordinance No. 2552, adopted March 13, 1974, shall be Two Hundred Ninety-eight Thousand Six Hundred One Dollars (\$298,601), which sum will be produced by the rate of four point four cents (.044) per one hundred dollars assessed valuation for residential property, zero cents (.000) per one hundred dollars assessed valuation for agricultural property, eight point eight cents (.088) per one hundred dollars assessed valuation for commercial property and six point nine cents (.069) per one hundred dollars assessed valuation for personal property.

Section Thirteen. The amount of taxes which shall be levied, assessed and collected in the year 2022 on all taxable tangible property within that part of the corporate limits of St. Louis County lying within Subdistrict No. 448 (Missouri River - Bonfils), as defined and delineated by District Ordinance No. 3465, adopted March 22, 1978, shall be Zero Dollars (\$0.00),

which sum will be produced by the rate of zero cents (.000) per one hundred dollars assessed valuation for residential property, zero cents (.000) per one hundred dollars assessed valuation for agricultural property, zero cents (.000) per one hundred dollars assessed valuation for commercial property and zero cents (.000) per one hundred dollars assessed valuation for personal property.

Section Fourteen. The amount of taxes which shall be levied, assessed and collected in the year 2022 on all taxable tangible property within that part of the corporate limits of St. Louis County lying within Subdistrict No. 449 (Meramec River Basin - M.S.D. Southwest), as defined and delineated by District Ordinance No. 3482, adopted March 29, 1978, shall be Zero Dollars (\$0.00), which sum will be produced by the rate of zero cents (.000) per one hundred dollars assessed valuation for residential property, zero cents (.000) per one hundred dollars assessed valuation for agricultural property, zero cents (.000) per one hundred dollars assessed valuation for commercial property and zero cents (.000) per one hundred dollars assessed valuation for personal property.

Section Fifteen. The amount of taxes which shall be levied, assessed and collected in the year 2022 on all taxable tangible property within that part of the corporate limits of St. Louis County lying within Subdistrict No. 454 (Seminary Branch of River Des Peres), as defined and delineated by District Ordinance No. 3485, adopted April 12, 1978, shall be Two Hundred Fifty-one Thousand Three Hundred Twenty Dollars (\$251,320), which sum will be produced by the rate of five point four cents (.054) per one hundred dollars assessed valuation for residential property, zero cents (.000) per one hundred dollars assessed valuation for agricultural property, six point eight cents (.068) per one hundred dollars assessed valuation for commercial property and seven

point six cents (.076) per one hundred dollars assessed valuation for personal property.

Section Sixteen. The amount of taxes which shall be levied, assessed and collected in the year 2022 on all taxable tangible property within that part of the corporate limits of St. Louis County lying within Subdistrict No. 455 (Black Creek), as defined and delineated by District Ordinance No. 3486, adopted April 12, 1978, shall be Zero Dollars (\$0.00), which sum will be produced by the rate of zero cents (.000) per one hundred dollars assessed valuation for residential property, zero cents (.000) per one hundred dollars assessed valuation for agricultural property, zero cents (.000) per one hundred dollars assessed valuation for commercial property and zero cents (.000) per one hundred dollars assessed valuation for personal property.

Section Seventeen. The amount of taxes which shall be levied, assessed and collected in the year 2022 on all taxable tangible property within that part of the corporate limits of St. Louis County lying within Subdistrict No. 1 of the River des Peres Watershed (Creve Coeur-Frontenac Area), as defined and delineated by District Ordinance No. 24, adopted June 20, 1955, and as enlarged by annexation thereto of the area described in District Ordinance No. 1719 adopted February 13, 1968, shall be Zero Dollars (\$0.00), which sum will be produced by the rate of zero cents (.000) per one hundred dollars assessed valuation for residential property, zero cents (.000) per one hundred dollars assessed valuation for agricultural property, zero cents (.000) per one hundred dollars assessed valuation for commercial property and zero cents (.000) per one hundred dollars assessed valuation for personal property.

Section Eighteen. The amount of taxes which shall be levied, assessed and collected in the year 2022 on all taxable

tangible property within that part of the corporate limits of St. Louis County lying within Subdistrict No. 7 of the River Des Peres Watershed (Wellston Area), as defined and delineated by District Ordinance No. 409, adopted June 16, 1960, and as such part was enlarged by District Ordinance No. 2497, adopted November 8, 1973, shall be Zero Dollars (\$0.00), which sum will be produced by the rate of zero cents (.000) per one hundred dollars assessed valuation for residential property, zero cents (.000) per one hundred dollars assessed valuation for agricultural property, zero cents (.000) per one hundred dollars assessed valuation for commercial property and zero cents (.000) per one hundred dollars assessed valuation for personal property.

Section Nineteen. If any section, subsection, sentence, clause, phrase or portion of this Ordinance is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining portions hereof.



FY23 BUDGET



Accrual Basis of Accounting:

The basis of accounting under which transactions are recognized when they occur, regardless of the timing of cash receipts and disbursements.

Actual Revenue or Expenditures:

The revenue and expenditures incurred in previous fiscal years.

Ad Valorem Tax:

A tax based on value.

Adopted Budget:

Refers to the budget amounts as originally approved by the Board of Trustees at the beginning of the year.

Amortization:

The process of spreading expenses in regular installments over a specific period of time.

Annual Budget:

A budget applicable to a single fiscal year.

Annual Budget Process or Budget Process:

The annual budget process consists of activities that encompass the development, implementation, and evaluation of a plan for the provision of services and capital assets for the upcoming fiscal year. This process is strategic in nature, encompassing a multi-year financial and operating plan that allocates resources on the basis of identified goals.

Appropriation:

The legal authorization granted by the Board of Trustees to make expenditures and to incur obligations for purposes specified in the Budget.

Assessed Valuation:

A value set on real estate or other property as a basis for levying taxes within the boundaries of MSD service areas. The assessed valuation is set by the City and County Assessor, who are charged with determining the taxable value of property according to a formula

set by the State of Missouri.

Asset:

Resources owned or held which have monetary value.

Audit:

An audit is an analysis or study of an accounting system that summarizes its finding with an opinion on the accuracy of the system and its reports.

Balanced Budget:

Refers to a budget in which revenues are equal to expenditures.

Base Budget:

The same level of funding as in the current year adopted budget with adjustments for one-time costs, merit, benefit and cost of living increases and general price adjustments.

Basis of Accounting:

A term referring to when revenues, expenditures, and transfers and the related assets and liabilities are recognized in the accounts and reported in the financial statements.

Beginning Fund Balance:

Fund balance available in a fund from the end of the prior year, for use in the following year.

Billing and Collection Charge:

Monthly charge imposed by the District to recover the wastewater program's share of the costs associated with issuing and collecting combined wastewater and stormwater bills.

Blockage:

Partial or complete interruption of flow as a result of some obstruction in a sewer. Also referred to as a stoppage.

Board:

Refers to the Board of Trustees of the District. The

Board is comprised of six members, three of whom are appointed by the Mayor of the City of St. Louis and the remaining three are appointed by the County Executive of St. Louis County.

BOD:

Biochemical Oxygen Demand: the quantity of oxygen utilized in the biochemical oxidation of organic matter in five days as determined by Standard Methods and expressed in milligrams per liter.

Bond Rating:

The rating of bonds as a statement of a locality's economic, financial and managerial condition. It represents the business community's assessment of the investment quality of a local government. Highly rated bonds attract more competition in the marketplace, thereby lowering interest costs paid by MSD and its ratepayers.

Bonds:

A written promise to pay a specified sum of money at a specified date in the future together with periodic interest at a specified rate.

B.O.P.:

Beginning of Period

Budget:

A balanced financial plan for a given period of time, which includes an appropriation and tax levy ordinance for the various sources of revenue that finance the various funds.

Budget Calendar:

The schedule for completion of the various phases in the preparation and adoption of the annual budget.

Budget Document:

The instrument used by the budget-making authority to present a comprehensive financial program to the Board of Trustees and the public.

Budget Message:

The opening section of the budget which provides a general discussion of the most important aspects of the budget, accomplishments from previous years and new initiatives and challenges facing the District as presented by the Executive Director to the Board of Trustees.

Budgetary Control:

The control or management of a government or enterprise in accordance with an approved budget that keeps expenditures within the limitations of available appropriations and revenues.

Budgeted Position:

Those positions which have either been budgeted for and authorized in the past or which are being requested in the current year's budget.

Budget Process:

The annual budget process consists of activities that encompass the development, implementation, and evaluation of a plan for the provision of services and capital assets for the upcoming fiscal year. This process is strategic in nature, encompassing a multi-year financial and operating plan that allocates resources on the basis of identified goals.

Bypass:

A pipe, valve, gate, weir, trench or other device designed to permit all or part of a wastewater flow to be diverted from usual channels or flow. Sometimes refers to a special line which carries the flow around a facility or device that needs maintenance or repair.

Capacity:

The maximum rate of flow that can be carried by sewers or received by a treatment plant without causing an upset of the biological material contained in the treatment system.

Capital Expenditures:

An amount spent to acquire or construct a capital

asset (tangible or intangible) or significantly improve the capacity or capabilities of a long-term asset. Examples of tangible assets are land, buildings, building improvements, infrastructure and infrastructure improvements, vehicles, machinery, equipment, and furniture. Examples of intangible assets are easement and software..

Capital Improvement and Replacement Program:

A plan for capital expenditures to be incurred each year over a fixed period of years to meet the capital needs to maintain or replace the sewer infrastructure. It sets forth each project's expenditures and specifies the resources estimated to be available to finance the projected expenditures.

Capital Improvement Surcharge:

A user charge to finance the construction of seven wastewater improvement projects required to comply with federal and state clean water laws. This monthly surcharge was last charged in April 1995 on customer bills for March 1995 service.

Capital Project:

A capital project is defined by the creation of a capital asset. Capital projects for the District often involve large monetary and time expenditures related to the construction of infrastructure assets for the collection and treatment of wastewater or stormwater.

Capital Outlay:

Items purchased utilizing departmental budgeted funds in the 55000 series of natural accounts for the purchase of land, buildings, structural improvements, equipment, vehicles, machinery, furniture, and computer equipment. Items purchased in this category generally become capital assets of the District.

Cash Basis of Accounting:

Under this basis of accounting, revenues are not recorded until cash is received; expenditures are recorded only when cash is disbursed.

CBA:

Community Benefits Agreement

CCF:

Hundred cubic feet: approximately 750 gallons.

Channel:

An improved (paved) watercourse.

CIRP:

Capital Improvement and Replacement Program

Clean Water Act:

Growing public awareness and concern for controlling water pollution led to enactment of the Federal Water Pollution Control Act Amendments of 1972. As amended in 1977, this law became commonly known as the Clean Water Act. The Act established the basic structure for regulating discharges of pollutants into the waters of the United States. It gave EPA the authority to implement pollution control programs such as setting wastewater standards for industry. The Clean Water Act also continued requirements to set water quality standards for all contaminants in surface waters. The Act made it unlawful for any person to discharge any pollutant from a point source into navigable waters, unless a permit was obtained under its provisions. It also funded the construction of sewage treatment plants under the construction grants program and recognized the need for planning to address the critical problems posed by nonpoint source pollution.

CMOM:

Capacity Management Operations & Maintenance: a program developed to ensure adequate capacity and proper management of the collection system to prevent sanitary sewer overflows (SSOs).

COD:

Chemical Oxygen Demand: the quantity of oxygen utilized in the chemical oxidation of organic and inorganic matter as determined by Standard Methods

and expressed in milligrams per liter.

COVID-19:

The human infection caused by the new coronavirus strain SARS-CoV-2.

Collection System:

A network of pipes, manholes, cleanouts, traps, siphons, lift stations and other structures used to collect all wastewater, stormwater and combined waste water of an area and transport it a treatment plant or disposal system. The collection system includes land, public sewer lines and appurtenances, pumping stations and general property.

Combined Sewers:

A sewerage system that carries both sanitary sewage and stormwater runoff.

Compliance Charge:

Billed to non-residential customers only -- the costs related to the District's compliance activities for non-residential properties required to comply with federal and state environmental regulations.

Connection Fees:

One-time fees assessed when properties are connected to the sewerage system. Effective November 1, 1994, these fees are uniform throughout the District and are based on the size of the property's water tap.

Construction Funds:

Funds established to receive and disburse proceeds from revenue sources restricted for construction of improvements to sewerage and drainage collection systems and treatment facilities.

Contractual Services:

Expenses and encumbrances charged to the 54000 series of natural accounts. Expenses in this category usually involve an agreement with a particular vendor to provide a specific type of work.

Contributed Wastewater Volume:

The quantity of water-borne wastes emanating from residential property or non-residential property and, specifically:

1. For metered residential property, billed metered water usage during the best equated period;
2. For non-residential property, either billed metered water usage throughout the year with exemption allowances for any water that does not enter the sewer system or measured wastewater volume; and
3. For unmetered residential property, average indoor water usage characteristics of various housing attributes, as defined in the rate study, applied to each user's number of rooms and plumbing fixtures.

Cross Connection:

A connection between a storm drain system and a sanitary collection system. Less frequently used term to describe a connection between two sections of a collection system to handle anticipated overloads of one system.

C.S.O.:

Combined Sewer Overflows: discharges from a combined sewer in excess of the interceptor or regulator capacity, that are discharged into a receiving stream rather than going to a treatment plant.

Customer Assistance Program:

The Customer Assistance Program is available to eligible customers of the District who are billed for and pay a wastewater user charge and/or are billed for and pay a stormwater user charge. The benefit Customer Assistance Program will be a credit of fifty percent (50%) of the wastewater user charge and/or stormwater user charge billed to such customer for the applicable billing period and will be shown on bills of eligible customers which are issued on or after July 1, 1993.

Debt:

An obligation resulting from the borrowing of money or from the purchase of goods and services.

Debt Service Funds:

Funds to provide for the receipt and disbursement of monies designated for payment of interest and redemption of outstanding bond issues.

Department:

The Department is the primary unit in the District. Each unit is managed by a Department Director. Departments are generally composed of divisions which share a common purpose or which perform similar duties.

Depreciation:

The loss in service value, not restored by current maintenance, which occurs in utility plants in service due to decay, inadequacy and obsolescence. Depreciation accounting is usually based on an annual percentage allowance of plant investment equal to the original investment spread over the useful life of the facility.

Detention:

The delay or holding of the flow of water and water-carried wastes in a pipe system. This can be caused by a restriction in the pipe, a stoppage or a dip. Detention also means the time water is held or stored in a basin or a wet well. Sometimes called retention.

Discharge Permits:

Permit granted by the Missouri Department of Natural Resources (MDNR) allowing the discharge of effluent into a body of water. The point source must conform to specific water quality standards established for the receiving waters.

District:

Refers to The Metropolitan St. Louis Sewer District or MSD. The District is organized pursuant to Article VI, Section 30 of the Missouri State Constitution that empowers the people in the City of St. Louis and St.

Louis County “to establish a metropolitan district for functional administration of services common to the area”.

DNR:

Department of Natural Resources: a Missouri state government agency responsible for the administration and enforcement of state water pollution control policies and laws. The DNR provides state grant funds to local communities for wastewater treatment and administers the EPA Construction Grants Program on behalf of the federal agency.

Drainage Facility:

Any system of artificially constructed drains, including open channels and separate stormwater sewers used to convey stormwater, surface water or groundwater, either continuously or intermittently to natural watercourses.

Dry Weather Overflows:

Discharges from a sanitary system in dry weather into a receiving stream rather than a treatment plant, usually as a result of a blockage or capacity limitation.

Easement:

Legal right to use the property of others for a specific purpose.

EEOC:

Equal Employment Opportunity Commission: a federal law enforcement agency that enforces laws against workplace discrimination.

Effluent:

Wastewater or other liquid – raw (untreated), partially or completely treated – flowing from a reservoir, basin, treatment process, or treatment plant.

Encumbrances:

Obligations incurred in the form of orders, contracts and similar items that will become payable when goods are delivered or services rendered.

Enterprise Fund:

A grouping of activities whose expenditures are wholly or partially offset by revenues collected from consumers in the form of fees or charges.

E.O.P.:

End of Period

EPA:

Environmental Protection Agency: a federal agency that is responsible for the administration and enforcement of national water pollution control policies and laws. The EPA provides federal grant funds to local governments for wastewater treatment under the provisions of the EPA Construction Grants Program.

Expenditure:

An amount of money disbursed or obligated. An expenditure is a decrease in net financial resources. This includes current operating expenses requiring the present or future use of current assets.

FASB:

Financial Accounting Standards Board: independent, private, non-governmental authority for the establishment of accounting principles in the United States.

Fees:

A general term used for any charge levied by government associated with providing a service.

Fiscal Year:

An annual period used for budgeting and reporting purposes. For the District, this period is from July 1 through June 30.

Flood Protection Facilities:

A facility that affects the flood conveyance capacity or flood management behavior of the System, usually designed to reduce flooding hazards.

Flow:

The volume of effluent expected to enter a treatment system over a given time period. Treatment systems are designed based upon estimates of peak and average flow for different segments of the system.

FTE:

Full-Time Equivalent positions

Full-time Equivalent:

A measure that converts a part-time employee into a fraction of a full-time employee based on a ratio of hours worked over the hours worked by a full-time employee. All MSD employees are full-time employees, so the term represents the number of employees budgeted.

Fund:

A fiscal and accounting entity with a self-balancing set of accounts recording cash and other financial resources, together with all related liabilities and residual equities or balances, and changes therein, which are segregated for the purpose of carrying on specific activities or attaining certain objectives in accordance with special regulation, restriction, or limitations.

Fund Balance:

The excess of the assets of a fund over its liabilities, reserves and carry-over.

Fund Group:

A category of various funds logically grouped on the basis of the purpose of each fund. At the present time, the District has the following fund groups:

1. General Fund
2. Revenue Funds
3. Operation, Maintenance and Construction Improvement (OMCI) Funds
4. Construction Funds
5. Debt Service Funds
6. Special Funds

Note: Descriptions of each fund group are included in that group's section of the Budget.

GAAP:

Generally Accepted Accounting Principles: uniform minimum standards and guidelines for financial accounting and reporting. They govern the form and content of the financial statements of an entity. GAAP encompasses the practice at a particular time; they include not only broad guidelines of general application, but also detailed practices and procedures. GAAP provides a standard by which to measure financial presentations. The primary authoritative body on the application of GAAP to state and local governments is the GASB.

GASB:

Governmental Accounting Standards Board: an independent, private sector organization that establishes accounting and financial reporting standards for U.S. state and local governments that follow GAAP.

General Fund:

A fund established by administrative action to finance the ordinary operations of The Metropolitan St. Louis Sewer District. The General Fund may be used for any legally authorized purpose of the District. It is used to account for all revenues and activities of the District not provided for in any other fund. It may receive any and all revenues not specifically designated for other funds. All wastewater and stormwater user charges receivable, less allowances for uncollectible accounts, are recorded in the General Fund.

General Obligation Bonds:

Used to finance Capital Improvement Projects that result in community wide benefits. These bonds are backed by the full faith and credit of the issuer and can only be issued by governmental units with taxing authority. Issuance of General Obligation Bonds requires 67% approval of those voting.

GFOA:

Government Finance Officers Association: an independent organization that represents public finance officials throughout the United States and Canada, to advance excellence in public finance.

Goal:

General statements of public policy, purpose, and intent.

Governmental Fund:

Term used in governmental accounting to apply to all funds except the enterprise funds.

Grant:

A contribution of assets by one governmental unit to another unit. The contribution is usually made to aid in the support of a specified function, such as sewer construction, pollution control, etc.

I/I:

Infiltration/Inflow: the total quantity of water from both infiltration and inflow with no distinction of the source.

Impervious Area:

Areas of the land surface that by man's action become blocked or sealed from rainfall causing runoff in excess of the natural rain water runoff of undisturbed land. Examples are parking lots and rooftops.

Impervious Charge:

A system for assessing fees for stormwater runoff conveyances and controls, and the operation and maintenance of same based upon the amount of impervious area on the rate payer's property.

In-House Contracts:

Planning, design and engineering services provided by existing District staff in order to accomplish specific capital projects.

Infiltration:

The seepage of groundwater into a sewer system,

including service connections. Seepage frequently occurs through defective or cracked pipes, pipe joints, connections or manhole walls.

Inflow:

Water discharged into a sewer system and service connections from such sources as, but not limited to, roof leaders, cellars, yard and area drains, foundation drains, cooling water discharges, drains from springs and swampy areas, around manhole covers or through holes in the covers, cross connections from storm and combined sewer systems, catch basins, storm waters, surface runoff, street wash waters or drainage. Inflow differs from infiltration in that it is a direct discharge into the sewer rather than a leak in the sewer itself.

Inlet:

A surface connection to a drain pipe. A chamber for collecting storm water with no well below the outlet pipe for collecting grit. Often connected to a catch basin or a "basin manhole" ("cleanout manhole") with a grit chamber.

Intercepting Sewer:

A sewer that receives flow from a number of other large sewers or outlets and conducts the waters to a point for treatment or disposal. Often called an "interceptor".

Lateral Sewer:

That portion of the sewer lying within a public street or easement connecting a building sewer service to the main sewer.

Levy:

The total amount of taxes, special assessments or service charges imposed by a government.

Liabilities:

Obligations incurred in past or current transactions requiring present or future settlement.

Lift Station:

A wastewater pumping station that lifts the wastewater to a higher elevation when continuing the sewer at reasonable slopes would involve excessive depths of trench. Also, an installation of pumps that raise wastewater from areas too low to drain into available sewers.

Main Sewer:

A sewer line that receives wastewater from many tributary branches and sewer lines and serves as an outlet for a large territory or is used to feed an intercepting sewer.

Management Position:

Any District position which is filled by an administrative, supervisory or professional employee and certain positions which are non-bargaining due to the nature of the duties performed.

Manhole:

An opening in a sewer provided for the purpose of permitting operators or equipment to enter or leave a sewer. Sometimes called an “access hole”, or “maintenance hole”.

MDNR:

Department of Natural Resources: a Missouri state government agency responsible for the administration and enforcement of state water pollution control policies and laws. The DNR provides state grant funds to local communities for wastewater treatment and administers the EPA Construction Grants Program on behalf of the federal agency.

Metered Multi-Unit Residential/Non-Residential Property:

All property connected to an approved water meter which is:

1. Used only for human residency and consists of two or more dwelling units connected to a single approved water meter; or
2. Used for commercial or industrial purposes and

connected to an approved water meter(s).

Metered Property:

All property connected to an approved water meter through which the amount of water usage is measured.

Metered Single-Unit Residential Property:

Property used only for human residency, which consists of a single dwelling unit which is connected to an approved water meter which serves only such unit.

MGD:

Million gallons per day: standard measure of wastewater flow through treatment plants.

mg/l:

Milligrams per liter, commonly used to report results of laboratory analysis of wastewater samples and used as a parameter for wastewater extra strength user charge rate.

Mission Statement:

A brief description of the purpose and functions of an agency, department, etc.

MSD:

The Metropolitan St. Louis Sewer District.

MSDPC:

MSD Project Clear is a long-term effort undertaken by the Metropolitan St. Louis Sewer District (MSD) as part of an agreement with the U.S.E.P.A. and the Missouri Coalition for the Environment. The goals for this 28-year initiative are:

- Improve water quality for the entire St. Louis Region
- Resolve community issues caused by the nature and design of St. Louis' legacy wastewater system
- Keep the public informed with clear and timely updates.

Multi-Unit Residence:

Residential property which consists of a dwelling under one roof for occupancy by more than one family, including but not limited to, flats, apartments, condominiums.

MWBE:

Minority and Woman-owned Business Enterprises: a program to encourage the participation of Minority and Women's business concerns in the purchase of professional services and construction work.

Natural Account:

Detailed classification established to budget and account for the purchase of specific goods and services and the receipt of revenues from specific sources.

Natural Account Group:

A grouping of accounts based on the category of goods or services purchased; for example: Personnel Services.

Non-Residential Property:

Property other than Residential Property.

Normal Wastewater:

Waters or wastes having:

1. A five-day Biochemical Oxygen Demand (BOD) not greater than 300 milligrams per liter; and
2. Containing not more than 300 milligrams per liter of Suspended Solids (SS); and
3. Having a Chemical Oxygen Demand (COD) not greater than 600 milligrams per liter.

O & M:

Operational Maintenance & Repairs

Objectives:

The yearly organizational goals expected to be achieved, listed in order of priorities with their associated costs including estimates of salaries, equipment, supplies, etc.

Obligations:

Amounts which a government may be required legally to meet out of its resources. They include not only actual liabilities, but also encumbrances not yet paid.

Obstruction:

Any solid object in or protruding into a wastewater flow in a collection line that prevents a smooth or even passage of the wastewater.

OMCI Funds:

Operation, Maintenance and Construction Improvement Funds established to account for proceeds from tax levies in the various subdistricts and grants in aid of construction. Expenditures are primarily for stormwater operations and maintenance.

Ordinance:

A bill, resolution or order by means of which appropriations are given legal effect. It is the method by which the appropriation of the annual budget is enacted into law by the Board of Trustees.

O.R.S.:

Overflow Regulation System: the District's O.R.S. is focused on the facilities that evolved from the former direct discharges of sewage from trunk sewers into the Mississippi River. The system now includes the management, operation, maintenance and improvements to the integrated trunk sewer outfalls, riverfront interceptors, interceptor pump stations and flood protection facilities. The goal of the O.R.S. is to capture the maximum amount of sewage and wastewaters and convey these to wastewater treatment plants at Bissell Point and Lemay.

Outlet:

Downstream opening or discharge end of a pipe, culvert, or canal.

Performance Scorecard Measures:

A measure of the level of activity and service in the functional areas of the various departments.

Permittee:

An industrial user required to maintain an industrial waste permit due to the quality or quantity of their wastewater or point of discharge.

Personnel Services:

Expenditures and encumbrances charged to the 51000 series of natural accounts. This category of expenses includes items such as salaries, overtime and benefits.

Pollutant:

Any substance which, alone or in combination with other substances, if discharged to waters of the State in sufficient quantities, causes or is reasonably certain to cause any alteration of the physical, chemical or biological properties of such waters; or to create a nuisance; or to render such waters harmful, detrimental or injurious to public health, safety or welfare, or to domestic, industrial, agricultural, recreational, or other legitimate beneficial uses or to any organism, aquatic life, plant or animal.

Preventive Maintenance:

Regularly scheduled servicing of machinery or other equipment using appropriate tools, tests and lubricants. This type of maintenance can prolong the useful life of equipment and machinery and increase its efficiency by detecting and correcting problems before they cause a breakdown of the equipment.

Professional Services:

Expenditures for services rendered to the District under formal contract by "professionals" who have a high degree of skill and training in technical fields. Examples are: auditors, management consultants, lawyers, engineers, etc.

Property:

An improved lot or parcel of real property, whether public or private, which is served by the System.

Property Tax:

An annual tax on the values of certain types of personal or business wealth, represented by real or personal property.

Property Tax Rate:

The amount of tax stated in terms of a unit of the tax base expressed as dollars per \$100 of assessed valuation.

Proposed Budget:

The recommended budget submitted by the District to the Board of Trustees.

Proprietary Fund:

A fund used in governmental accounting to account for activities that involve business-like interactions, either within the government (Internal Service Fund) or outside of it (Enterprise Fund).

Pump Station:

Installation of pumps to lift wastewater to a higher elevation in places where flat land would require excessively deep sewer trenches. Also used to raise wastewater from areas too low to drain into available collection lines. These stations may be equipped with air-operated ejectors or centrifugal pumps.

Raw Sewage:

Plant influent or wastewater before any treatment.

Regulator:

A device used in combined sewers to control or regulate the diversion of flow.

Represented Position (Bargaining Unit):

Any District position, which is filled by an employee represented by a labor union.

Reserves:

Funds set aside for a specific purpose or use.

Residential Property:

Property used only for human residency.

Resolution:

Resolutions are used to express opinions about a particular item of business. Unlike ordinances, resolutions are not laws and are not proposed to the MSD Board of Trustees prior to adoption. Resolutions are often used to honor public officials, recognize retiring employees for their years of service and acknowledge strategic business plans.

Resources:

The actual assets of a governmental unit, such as cash, grants receivable, land, buildings, etc. including estimated revenues applied to the current fiscal year, and bonds authorized and unissued.

Retention:

That part of the precipitation falling on a drainage area which does not escape as surface stream flow during a given period. It is the difference between total precipitation and total runoff during the period, and represents evaporation, transpiration, subsurface leakage, infiltration, and, when short periods are considered, temporary surface or underground storage on the area. The delay or holding of the flow of water and water-carried wastes in a pipe system. This can be due to a restriction in the pipe, a stoppage or a dip. Also, the time water is held or stored in a basin or wet well. This is also called detention.

Revenue:

Income generated by user charges, taxes, investment income, land rental, connection fees, as well as Federal, State, and local grants.

Revenue Bonds:

Debt used to finance Capital Improvement Projects serviced from the net revenues from a particular enterprise, such as sewer service. Issuance of Revenue Bonds requires 67% approval of those voting.

Revenue Funds:

Funds established to account for proceeds from user

charges and connection and other fees within the subdistricts to provide for operations and maintenance within the user charge revenue subdistricts.

Sanitary Sewer System:

The sewer system that carries liquid and wastewater from residences, commercial buildings, industrial plants and institutions, together with minor quantities of ground, storm and surface waters that are not admitted intentionally.

SBOP:

The Strategic Business and Operating Plan is a business-focused blueprint for serving our ratepayers now and into the future. The SBOP's goals are clear:

- Deliver consistent, high quality customer service,
- Comply with all legal and regulatory requirements and schedules,
- Minimize customer rate increases; and
- Be accountable to the St. Louis community.

Separate Sewers:

Sewers that carry only sanitary sewage or stormwater runoff. The separate sanitary sewers are ultimately connected to a treatment plant. Separate storm sewers discharge to streams.

Served:

Property with an active sewer connection, either directly or indirectly, to a sanitary or drainage facility owned or operated by the District and laying within the District, or to property which otherwise discharges wastewater directly or indirectly into such facilities, or if the discharges of such substances therefrom ultimately enter said facilities.

Service Area:

The geographic area where the District provides wastewater and stormwater services. This area includes St. Louis City and approximately 90% of St.

Louis County, extending out to approximately Highway 109 at its western boundary.

Sewage:

The used water and water-carried solids from homes that flow in sewers to a wastewater treatment plant. The preferred term is wastewater.

Sewer:

A pipe or conduit that carries wastewater or drainage water. The term "collection line" is often used also.

Sewer Main:

A sewer pipe to which building laterals are connected. Also called a collection main.

Sewerage:

A comprehensive term that includes facilities collecting, pumping, treating and disposing of wastewater.

Single Family:

Residential Property used as a dwelling by one family only.

Sludge:

The solids removed from sewage during wastewater treatment.

Special Funds:

Special funds of the District are comprised of the following:

1. Improvement Fund
2. Workers' Compensation Fund
3. Water Backup Fund
4. Wastewater Emergency Fund
5. Stormwater Emergency Fund

SRF:

State Revolving Fund: bonds or other obligations issued in accordance with the District's participation in the Missouri State Revolving Fund Program of the Missouri Department of Natural Resources and the

State Environmental Improvement and Energy Resources Authority, where SRF Bonds may be Senior SRF Bonds or Subordinate SRF Bonds.

SS:

Suspended solids that either float on the surface of or are suspended in wastewater as determined by analysis for non-filterable milligrams per liter.

Storm Sewer:

A separate pipe, conduit or open channel (sewer) that carries runoff from storms, surface drainage and street wash, but does not include domestic and industrial wastes. Storm sewers are often the recipients of hazardous or toxic substances due to the illegal dumping of hazardous wastes or spills created by accidents involving vehicles and trains transporting these substances. Also see sanitary sewer system.

Stormwater:

Any water resulting from precipitation that may or may not be mixed with an accumulation of dirt, soil, and other debris or substances collected from the surface on which such precipitation falls or flows.

Stormwater Funds:

These funds were established to account for ad valorem taxes. These are primarily stormwater dedicated funds for projects and stormwater operations and maintenance.

Stormwater Runoff:

The portion of rainfall, melted snow or irrigation water that flows across ground surfaces and eventually is returned to streams. Runoff can pick up pollutants from the air or land and carry them to the receiving waters.

Stormwater Service Area:

Any area where stormwater facilities have been dedicated to the District and the District has accepted dedication of said facilities or the District has adopted a resolution accepting the responsibility for operation

and maintenance of stormwater facilities.

Stormwater Service Charge:

The user charge to generate the revenue to operate and maintain the stormwater system.

Subdistrict:

Separate taxing area of the District.

Surcharge:

The additional charge for the treatment of wastes containing suspended solids, biochemical oxygen demand or chemical oxygen demand exceeding normal wastewater strengths.

System:

The entire sewer and drainage system owned and operated by the District for the collection, storage, handling, and treatment of wastewater, for the collection, storage, handling and treatment of stormwater, and combined sewers for the collection, storage, treatment and handling of wastewater and stormwater to serve the needs of the District and its inhabitants and others, including all appurtenances and facilities connected therewith or relating thereto, together with all extensions, improvements, additions and enlargements thereto hereafter made or acquired by the District.

Tax Levy:

The total amount of taxes imposed by a government.

Taxes:

Mandatory charge levied by a governmental unit for the purpose of financing services performed for the common benefit.

Toxic Substance:

Any substance whether gaseous, liquid or solid which, when discharged to a wastewater system watercourse in sufficient quantities, interferes with or passes through any wastewater treatment process, or constitutes a hazard to human beings, animal life,

plant life, or inhibits aquatic life.

Treatment Plant:

An arrangement of pipes, equipment, devices, tanks and structures for treating wastewater and industrial wastes. A water pollution control plant.

Trunk Sewer:

A sewer that receives wastewater from many tributary branches or sewers and serves a large territory and contributing population. Also see main sewer.

Unmetered Residential Property:

Property used only for human residency, which is not Metered Residential Property.

Useful Life:

The expected period of time during which a depreciating asset will be productive.

User:

The occupant or owner of the Property, the person holding a permit for water service to the property, or any person served by the system.

User Charge:

The major charges established by the District; Wastewater User Charge and Stormwater Service Charge.

Utilities:

Expense incurred for gas, electric, phone and water at all District locations.

Volume Charge:

Wastewater charge applied to each customer's Contributed Wastewater Volume. It includes both OM&R and capital costs components.

Wastewater:

The water-borne wastes emanating from Residential Property or Non-residential Property, together with such groundwater, surface water, or stormwater as cannot be avoided.

Wastewater User Charge:

The costs related to the amount of wastewater discharged to the sanitary sewer system. Measured in hundred cubic feet (CCF's) for customers with water meters and the number of rooms and indoor plumbing fixtures for customers without water meters.

Water Backup Program:

The District will review the total cost to a homeowner of repairs necessary after a sewer backup, provided the problem is found in a part of the sewer line maintained by MSD. Insurance coverage has been obtained to limit the District's total expense.

Water Quality:

The suitability of water for given uses as measured by the levels of pollutants it contains. Water use classification includes: public water supply; recreation; propagation of fish and other aquatic life, agricultural use and industrial use.

Watershed:

A region or area bounded peripherally by water parting and draining ultimately to a particular watercourse or body of water.

Working Capital:

Cash, materials and supplies, and other similar current assets necessary in the operation of the facility.

WWTP:

Wastewater Treatment Plant



GOVERNMENT FINANCE OFFICERS ASSOCIATION

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Missouri**

For the Fiscal Year Beginning

July 01, 2021

Christopher P. Mouill

Executive Director

The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to Metropolitan St. Louis Sewer District, Missouri for its annual budget for the fiscal year beginning July 1, 2021. In order to receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan, and as a communications device.

This award is valid for a period of one year only. We believe our current budget continues to conform to program requirements, and we are submitting it to GFOA to determine its eligibility for another award.



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