

FY 2024-25 Proposed Budget and Multi-Year Capital Plan

Water and Sewer

The Miami-Dade Water and Sewer Department (WASD) provides high-quality drinking water and wastewater services, safeguarding public health and the environment, while planning for future growth, implementing water conservation measures, and providing for process improvements and cost efficiencies.

As part of the Neighborhood and Infrastructure strategic area, the Department’s main functions are water production and distribution, as well as wastewater collection, treatment, reuse, and disposal. WASD operates both a water and a wastewater system. The Water System consists of three regional water treatment plants, one shared (City of Hialeah) reverse osmosis plant and five local water treatment plants with a total permitted capacity of 464 million gallons per day (MGD). Additionally, WASD operates and maintains 95 water supply wells (grouped into 14 wellfields) in the Biscayne Aquifer; five aquifer storage and recovery wells in the Floridan Aquifer and more than 8,500 miles of water distribution mains. The Wastewater System includes three regional wastewater treatment plants with a total permitted capacity of 376 MGD, more than 1,000 sewer pump stations and 6,500 miles of wastewater mains and lateral collection pipes. The Department implements water conservation measures, provides high quality drinking water and plans and improves infrastructure for future growth.

The Department delivers water and sewer services to most residents and businesses within Miami-Dade County, serving approximately 462,214 water and 377,496 wastewater retail customers as of September 30, 2023. Additionally, service is provided to 15 wholesale (municipal) water customers and to 13 wholesale (12 municipal and the Homestead Air Reserve Base) wastewater customers within Miami-Dade County daily. The total combined population served at the retail and wholesale level is approximately 2.7 million residents. In providing these services, the Department interacts with and is regulated by the United States Environmental Protection Agency, the Florida Department of Environmental Protection, the Miami-Dade County Health Department, the South Florida Water Management District and the Regulatory and Economic Resources Department (RER).

FY 2024-25 Proposed Operating Budget

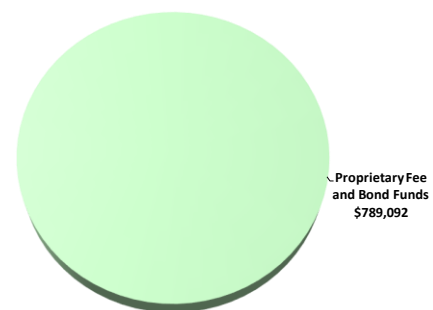
Expenditures by Activity

(dollars in thousands)



Revenues by Source

(dollars in thousands)



FY 2024-25 Proposed Budget and Multi-Year Capital Plan

TABLE OF ORGANIZATION

<p>OFFICE OF THE DIRECTOR Formulates and establishes departmental policy; directs overall operations</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>FY 23-24</u></td> <td style="text-align: center;"><u>FY 24-25</u></td> </tr> <tr> <td style="text-align: center;">12</td> <td style="text-align: center;">12</td> </tr> </table>	<u>FY 23-24</u>	<u>FY 24-25</u>	12	12
<u>FY 23-24</u>	<u>FY 24-25</u>			
12	12			
<p>WATER AND WASTEWATER SYSTEMS OPERATIONS Operates and maintains water and wastewater systems: treatment plants, transmission/distribution systems, laboratory functions and pump stations</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>FY 23-24</u></td> <td style="text-align: center;"><u>FY 24-25</u></td> </tr> <tr> <td style="text-align: center;">1,772</td> <td style="text-align: center;">1,793</td> </tr> </table>	<u>FY 23-24</u>	<u>FY 24-25</u>	1,772	1,793
<u>FY 23-24</u>	<u>FY 24-25</u>			
1,772	1,793			
<p>FINANCE, ADMINISTRATIVE COMPLIANCE AND RESILIENCE PROGRAM Directs financial, procurement, operating and capital budgets, funding coordination, grants management, and information technology functions; directs contractual compliance and oversees the resilience program</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>FY 23-24</u></td> <td style="text-align: center;"><u>FY 24-25</u></td> </tr> <tr> <td style="text-align: center;">338</td> <td style="text-align: center;">330</td> </tr> </table>	<u>FY 23-24</u>	<u>FY 24-25</u>	338	330
<u>FY 23-24</u>	<u>FY 24-25</u>			
338	330			
<p>PLANNING, REGULATORY COMPLIANCE AND PROGRAM MANAGEMENT Directs water and wastewater design and construction activities for plants and pipelines; directs capital improvement programs, compliance with state and federal agreements and utilities development</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>FY 23-24</u></td> <td style="text-align: center;"><u>FY 24-25</u></td> </tr> <tr> <td style="text-align: center;">380</td> <td style="text-align: center;">377</td> </tr> </table>	<u>FY 23-24</u>	<u>FY 24-25</u>	380	377
<u>FY 23-24</u>	<u>FY 24-25</u>			
380	377			
<p>INTERNAL AND ADMINISTRATIVE SERVICES Directs legislative activities, municipal policies, human resources, customer service and public information dissemination, and fleet and general activities, risk management and quality assurance of construction work</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>FY 23-24</u></td> <td style="text-align: center;"><u>FY 24-25</u></td> </tr> <tr> <td style="text-align: center;">584</td> <td style="text-align: center;">572</td> </tr> </table>	<u>FY 23-24</u>	<u>FY 24-25</u>	584	572
<u>FY 23-24</u>	<u>FY 24-25</u>			
584	572			

The FY 2024-25 total number of full-time equivalent positions is 3,098

FY 2024-25 Proposed Budget and Multi-Year Capital Plan

DIVISION: OFFICE OF THE DIRECTOR

Formulates and establishes departmental policy; directs overall operations and legal support.

- Defines department policies and strategic goals
- Establishes overall vision and policy for the Department
- Maintains the Department's accreditation, incorporating performance excellence and best practices
- Sets performance targets and budget priorities

DIVISION COMMENTS

- The FY 2024-25 Proposed Budget includes a six percent rate increase to retail customers that is evenly applied to each tier including residential, multi-family, mixed-use buildings and non-residential
- Effective October 1, 2024, the proposed wholesale water rate increased by \$0.2873, from \$2.1130 to \$2.4003 per thousand gallons; the proposed wastewater wholesale rate decreased by (\$0.1320) from \$3.9414 to \$3.8094 per thousand gallons; wholesale customers' bills include a true-up adjustment to recover actual cost for FY 2022-23
- The FY 2024-25 Proposed Budget includes a Memorandum of Understanding with the Office of the Inspector General to perform specialized audits as required (\$50,000) and payments to the Internal Compliance Department for expenses associated with audits and reviews (\$577,000)



During FY 2024-25, WASD will continue working on an outreach campaign that includes branding for community recognition as well as informing citizens on water and wastewater services; WASD will also continue its efforts to transform workplace culture, optimize service delivery, and improve environmental and resilience outcomes

DIVISION: WATER AND WASTEWATER SYSTEMS OPERATIONS

Operates and maintains the water and wastewater treatment plants; pump stations; and water distribution, wastewater collection and transmission lines.

- Administers the SCADA system, telemetry and radios
- Directs and oversees operation of the wastewater system including treatment and disposal as well as the maintenance of wastewater pumping and collection systems
- Directs and oversees operation of the water system including installations, repairs and maintenance of water infrastructure
- Directs water and wastewater systems operating goals and procedures
- Installs, repairs, relocates, maintains and replaces wastewater gravity sewer lines, force mains, valves, sewer laterals and manholes countywide
- Installs, repairs, relocates, maintains and replaces water mains, meters, valves and fire lines countywide
- Manages the Water Cross Connection Control program
- Performs mechanical, electrical and structural maintenance of water and wastewater plants and wastewater lift stations
- Provides laboratory analysis to comply with regulatory agencies' requirements

FY 2024-25 Proposed Budget and Multi-Year Capital Plan

Strategic Plan Objectives								
<ul style="list-style-type: none"> NI2-1: Provide sustainable drinking water supply and wastewater disposal services 								
Departmental Objectives	Performance Measures	Measure Type	Good Direction	FY 21-22	FY 22-23	FY 23-24	FY 23-24	FY 24-25
				Actual	Actual	Budget	Projection	Target
Compliance with regulatory requirements for Water and Wastewater Systems	Compliance with drinking water standards	OC	↑	100%	100%	100%	100%	100%
	Percent compliance with wastewater standards*	OC	↑	67%	82%	100%	100%	100%

* The FY 2021-22 and FY 2022-23 Actual reflects impacts associated with COVID-19

DIVISION COMMENTS

- During FY 2023-24 the Department performed a reorganization; in an effort to improve both operational and maintenance staffing shortages that created operations shift vacancies, a total of 21 positions were transferred to the Wastewater Treatment plants section in which nine positions came from Finance, Administrative, Compliance, and Resilience Program; three positions came from Planning, Regulatory Compliance and Program Management and the remaining nine positions came from Internal and Administrative Services

DIVISION: FINANCE, ADMINISTRATIVE COMPLIANCE, AND RESILIENCE PROGRAM

Directs financial activities including budget, capital funding coordination, procurement, contract compliance, resilience program and information technology functions.

- Administers Controller's functions, general ledger, assets control and accounts payable; prepares retail, wholesale and special billings and collection
- Coordinates financial activities including debt administration, investments, grants and cash management
- Manages business process support for customer care and billing, as well as enterprise resource planning financial and enterprise asset management software systems
- Manages information technology
- Manages departmental procurement and stores activities
- Manages the Department's operating and capital budgets
- Oversees contract compliance, provides strategic planning and directs performance improvement and efficiency savings programs
- Oversees resilience programs

FY 2024-25 Proposed Budget and Multi-Year Capital Plan

Strategic Plan Objectives								
<ul style="list-style-type: none"> GG4-1: Provide sound financial and risk management 								
Departmental Objectives	Performance Measures	Measure Type	Good Direction	FY 21-22	FY 22-23	FY 23-24	FY 23-24	FY 24-25
				Actual	Actual	Budget	Projection	Target
Maintain Fitch, Moody's, and/or Standard and Poor's (S&P) bond ratings	Bond rating evaluation by Fitch	OC	↑	A+	AA-	AA-	AA-	AA-
	Bond rating evaluation by Standard and Poor's	OC	↑	Aa-	Aa-	Aa-	AA	AA
	Bond rating evaluation by Moody's	OC	↑	Aa3	Aa3	Aa3	Aa3	Aa3

Strategic Plan Objectives								
<ul style="list-style-type: none"> GG4-2: Effectively prioritize, allocate and use resources to meet the current and future operating and capital needs for all our residents 								
Departmental Objectives	Performance Measures	Measure Type	Good Direction	FY 21-22	FY 22-23	FY 23-24	FY 23-24	FY 24-25
				Actual	Actual	Budget	Projection	Target
Meet Budget Targets	Capital Infrastructure Improvement Plan expenditure ratio	OP	↑	77%	76%	75%	75%	75%

Strategic Plan Objectives								
<ul style="list-style-type: none"> NI2-1: Provide sustainable drinking water supply and wastewater disposal services 								
Departmental Objectives	Performance Measures	Measure Type	Good Direction	FY 21-22	FY 22-23	FY 23-24	FY 23-24	FY 24-25
				Actual	Actual	Budget	Projection	Target
Improve Water-Use Efficiency	Gallons of water saved per day (GPD) through the implementation of the Water Use Efficiency Plan*	EF	↑	63,343 GPD	121,081 GPD	71,100 GPD	71,100 GPD	71,100 GPD

* The FY 2022-23 Actual reflects a larger number of rebates received that were processed

DIVISION COMMENTS

- The FY 2024-25 Proposed Budget includes the transfer in of one position from the Information Technology Department to allow for continued non-technical business process support of WASD specific department functions

FY 2024-25 Proposed Budget and Multi-Year Capital Plan

- Nine vacant positions from the Finance, Administrative Compliance and Resilience programs were transferred to the Wastewater Systems Operations group to improve both operational and maintenance staffing shortages that create operations shift vacancies and prolonged routine equipment maintenance requirements/repairs at the Wastewater Treatment plants



In FY 2024-25, the Department will continue a program to reduce energy consumption encompassing facilities lighting and controls, operational equipment energy consumption, the implementation of the Energy Star Power plan and an employee awareness program, which includes an energy conservation website, newsletter and workshops

- The FY 2024-25 Proposed Budget includes payments to the Internal Compliance Department for expenses associated with cash management services (\$11,000)
- After the FY 2023-24 annual audits are completed, the year-end combined fund balance is projected to be \$121.9 million in rate stabilization and general reserve funds; in FY 2024-25, these reserves are expected to remain the same as in FY 2023-24 and the Department is projecting a year-end fund balance of \$108.7 million in the operating budget as required for bond ordinances

DIVISION: PLANNING, REGULATORY COMPLIANCE AND PROGRAM MANAGEMENT

Directs compliance with state and federal agreements related to the ocean outfall legislation as well as execution of multi-year capital infrastructure improvement plan.

- Directs planning of water and wastewater facilities and infrastructure
- Directs compliance with state and federal agreements related to the consent decree, ocean outfall legislation and resilience programs
- Directs design and construction activities for both water and wastewater plants and pipelines
- Directs resilience program including Water Use Efficiency and Water Loss Reduction programs
- Oversees capital program management for programs such as the Consent Decree Program, Ocean Outfall Program, Pump Station Rehabilitation and other priority programs
- Oversees compliance with environmental regulations and federal and state agreements
- Processes applications for new water services, mains, pump stations and fire hydrant installations by private contractors

Strategic Plan Objectives

- NI2-1: Provide sustainable drinking water supply and wastewater disposal services

Departmental Objectives	Performance Measures	Measure Type	Good Direction	FY 21-22	FY 22-23	FY 23-24	FY 23-24	FY 24-25
				Actual	Actual	Budget	Projection	Target
Ensure timely completion of Consent Decree Wastewater Capital Improvement projects	Percentage (%) of Consent Decree Wastewater projects on or before schedule	OC	↑	81%	69%	100%	100%	100%
Improve Water-Use Efficiency	Finished water use gallons per capita per day (gcpd)-Consumption (Calendar Year)	OC	↓	129 gpcd	132 gpcd	127 gpcd	137 gpcd	137 gpcd

FY 2024-25 Proposed Budget and Multi-Year Capital Plan

Strategic Plan Objectives								
<ul style="list-style-type: none"> N13-2: Protect and maintain surface and drinking water sources 								
Departmental Objectives	Performance Measures	Measure Type	Good Direction	FY 21-22	FY 22-23	FY 23-24	FY 23-24	FY 24-25
				Actual	Actual	Budget	Projection	Target
Compliance with regulatory requirements for Water & Wastewater systems	System-wide available water supply capacity from the Biscayne Aquifer (in million gallons per day "MGD")	OC	↑	21.24 MGD	17.4 MGD	10.1 MGD	10.1 MGD	10.1 MGD

DIVISION COMMENTS

- Three vacant positions from the Planning and Regulatory Compliance Divisions were transferred to the Wastewater Systems Operations group to improve both operational and maintenance staffing shortages that create operations shift vacancies and prolonged routine equipment maintenance requirements/repairs at the Wastewater Treatment plants
- The FY 2024-25 Proposed Budget includes funding to the Parks, Recreation and Open Spaces (PROS) Department for Cooperative Extension's Florida Yards and Neighborhoods Program (\$285,000)

DIVISION: INTERNAL AND ADMINISTRATIVE SERVICES

Directs public information dissemination, coordination of legislative and municipal policies, departmental security activities, and construction contracts as well as retail customer services, human resources and general maintenance services.

- Coordinates communications with media and customers
- Coordinates items submitted to the Board of County Commissioners (BCC)
- Coordinates state and federal legislative actions and liaises with municipalities
- Directs department-wide security functions
- Manages retail customer services, human capital planning and general maintenance

FY 2024-25 Proposed Budget and Multi-Year Capital Plan

Strategic Plan Objectives								
<ul style="list-style-type: none"> GG1-1: Support a customer-focused organization by providing convenient access to information and services, and by ensuring processes are easy to navigate 								
Departmental Objectives	Performance Measures	Measure Type	Good Direction	FY 21-22	FY 22-23	FY 23-24	FY 23-24	FY 24-25
				Actual	Actual	Budget	Projection	Target
Provide information to customers in a timely manner	Percentage of calls answered within two minutes threshold (monthly)*	OC	↑	50%	38%	70%	70%	70%
Support a customer-focused organization by providing convenient access to information and services	Average call wait time per call (retail customer service and emergency communications)*	OC	↓	3.2	4.7	2.0	2.0	2.0
	Abandoned Calls Ratio (fiscal year) (Retail Customers and Emergency Communications)*	OC	↓	18%	22%	8%	8%	8%

*The FY 2021-22 and FY 2022-23 Actuals reflect increased call volumes related to retail pay plans and collection of past due accounts; Increased call volumes and staffing shortages have resulted in a lower percentage of calls answered within two minutes, an increase in average call wait times, and a higher abandoned calls ratio

DIVISION COMMENTS

- Nine vacant positions from the general maintenance activities were transferred to the Wastewater Systems Operations group to improve both operational and maintenance staffing shortages that create operations shift vacancies and prolonged routine equipment maintenance requirements/repairs at the Wastewater Treatment plants
- The FY 2024-25 Proposed Budget includes a payment to the Community Action and Human Services Department for landscape maintenance by the Greater Miami Service Corps (\$100,000)
- The FY 2024-25 Proposed Budget includes a payment to the Human Resources Department for testing and validation services (\$47,000)
- *The FY 2024-25 Proposed Budget includes the transfer out of three Contract Compliance positions to the Internal Services Department (ISD) in an effort to align Small Business Compliance functions with the department that oversees this function; this includes a transfer (\$320,000) from WASD to ISD that will be part of the Small Business Compliance memorandum of understanding*

FY 2024-25 Proposed Budget and Multi-Year Capital Plan

CAPITAL BUDGET HIGHLIGHTS AND OPERATIONAL IMPACTS



On April 10, 2024, the Environmental Protection Agency (EPA) finalized Maximum Contaminant Levels (MCLs) limits on six PFAS in drinking water, to 4 parts per trillion (PPT) will have future impacts to WASD's capital plan; the EPA's flexible ruling on how to remove the contaminates allows WASD to choose the best solutions for the community and the Department is currently working with experts to evaluate different treatment options, such as granular activated carbon, reverse osmosis, and ion exchange systems; all options are extremely expensive; WASD along with other public water systems have until 2029 to address PFAS levels exceeding these MCLs



In FY 2012-13, the Department negotiated a consent agreement with the Federal Environmental Protection Agency (EPA) to address regulatory violations resulting from failing wastewater infrastructure for approximately \$1.6 billion; the agreement was adopted by the Board of County Commissioners (BCC) on May 21, 2013; on April 9, 2014, the U.S. District Court for the Southern District approved the Consent Decree, replacing and superseding the two existing Consent Decrees issued in the early-mid 1990s; all projects contained in the Consent Decree are currently included in the capital plan, but as projects advance, schedules for completion may need to be modified, with the approval of the EPA; increased debt requirements will lead to future rate adjustments



In FY 2024-25, the Department is continuing its Inflow and Infiltration Program to reduce flows into the wastewater system from ground water and rain; this will result in a reduction of conveyed and treated flows at wastewater treatment plants resulting in capital and operational savings (total program cost \$139.861 million; \$16.214 million in FY 2024-25; capital program #9650201)



The Department's FY 2024-25 Proposed Budget and Multi-Year Capital Plan also includes the continued implementation of various wastewater systems capital projects such as the Pump Station Improvement and Resilience Programs (total program cost \$ 344.194 million; \$41.062 million in FY 2024-25; capital program #2000000784), Ocean Outfalls Legislation Program (total program cost \$1.553 billion; \$93.176 million in FY 2024-25; capital program #962670), Consent Decree (total program cost \$1.418 billion; \$97.580 million in FY 2024-25; capital program #964120, #964440 and #968150), and South District Expansion (total program cost \$639.811 million; \$90.792 million in FY 2024-25; capital program #2000000580)



Water and Sewer's FY 2024-25 Proposed Budget and Multi-Year Capital Plan includes the continued implementation of various water system capital projects such as the Water Reset Program which includes \$73 million for Lead and Copper Rule (total program costs \$422.597 million; \$4.686 million in FY2024-25; capital program #200002314), Water Reset Program - Water Treatment Plant - Alexander Orr, Jr. Expansion (total program cost \$288.780 million; \$17.143 million in FY 2024-25; capital program #9650031), Water Reset Program - Water Treatment Plant - Hialeah/Preston Improvements (total program cost \$151.604 million; \$11.591 million in FY 2024-25; capital program #9650041), Water Reset Program - Small Diameter Water Main Replacement Program (total program cost \$428.534 million; \$25.419 million in FY 2024-25; capital program #2000000072) and Water - Distribution System Extension (total program cost \$168.730 million; \$30.431 million in FY 2024-25; capital program #9653311)



The Department's FY 2024-25 Proposed Budget and Multi-Year Capital Plan is systematic and responsible in addressing regulatory requirements related to aging infrastructure such as pump stations, treatment plants and transmission lines and necessary upgrades; the capital plan addresses \$543.024 million in wastewater needs, \$195.539 million in water needs and BBC/GOB Water and Wastewater projects of \$25.831 million dollars



Water and Sewer's FY 2024-25 Proposed Budget and Multi-Year Capital Plan includes projects that directly impact the resilience of the County's built and natural systems; this includes designing infrastructure that considers sea-level rise and storm surge for the life of the assets; the C51 Reservoir Alternate Water Supply project that will diversify water resources and benefit environmental and agricultural uses; investments to renew water plant infrastructure with the Water Reset Program; and investments to maximize the use of biogas from the wastewater treatment process to increase onsite energy production

FY 2024-25 Proposed Budget and Multi-Year Capital Plan



The Department's FY 2024-25 Proposed Budget and Multi-Year Capital Plan includes the purchase of 141 vehicles (\$21.5 million) for the replacement of its aging fleet to include 89 for heavy fleet vehicles (\$18.850 million), 25 for light fleet vehicles (\$962,000), and 27 for trailers and other specialty fleet vehicles (\$1.729 million) funded with Wastewater Renewal Funds and Water Replacement and Renewal Funds; the fleet replacement plan will provide operational savings to the Department in the long-term as it will reduce maintenance costs, fuel consumption and overtime as a result of addressing equipment failure; the County's fleet replacement plan is included under Non-Departmental capital program #2000000511



The Department's FY 2024-25 Proposed Budget and Multi-Year Capital Plan also includes the continued implementation of extending sewer service to commercial and industrial corridors (including the Bird Road Corridor \$2 million funded through the Miami-Dade Rescue Plan) (total program cost \$126 million; \$21.697 million in FY 2024-25; capital program #967090)

SELECTED ITEM HIGHLIGHTS AND DETAILS

Line-Item Highlights	(dollars in thousands)				
	Actual FY 21-22	Actual FY 22-23	Budget FY 23-24	Projection FY 23-24	Proposed FY 24-25
Advertising	800	840	838	655	935
Fuel	12,849	11,803	13,858	13,625	14,234
Overtime	24,112	29,958	22,347	30,245	30,398
Rent	210	3,327	440	4,270	3,964
Security Services	12,125	14,631	13,042	13,843	14,695
Temporary Services	442	382	376	366	444
Travel and Registration	121	236	147	188	382
Utilities	50,412	58,876	56,945	61,244	76,893

Proposed

Fee Adjustments	Current Fee	Proposed Fee	Dollar Impact
	FY 23-24	FY 24-25	FY 24-25
• Wastewater Retail Rate Adjustments	various	various	\$23,990
• Wastewater Wholesale Rate per one thousand gallons	\$3.9414	\$3.8094	\$-16,738
• Water Retail Rate Adjustments	various	various	\$23,275
• Water Wholesale Rate Adjustments per one thousand gallons	\$2.1130	\$2.4003	\$6,737

FY 2024-25 Proposed Budget and Multi-Year Capital Plan

OPERATING FINANCIAL SUMMARY

(dollars in thousands)	Actual FY 21-22	Actual FY 22-23	Budget FY 23-24	Proposed FY 24-25
Revenue Summary				
Carryover	79,261	82,900	85,884	95,665
Miscellaneous Non-Operating	6,250	43,973	13,126	59,748
Other Revenues	26,530	40,619	30,096	37,417
Retail Wastewater	356,895	379,627	383,780	415,338
Retail Water	346,854	368,376	371,644	402,954
Transfer From Other Funds	0	0	17,673	0
Wholesale Wastewater	102,362	124,315	103,824	122,710
Wholesale Water	38,292	41,475	36,950	55,190
Total Revenues	956,444	1,081,285	1,042,977	1,189,022
Operating Expenditures Summary				
Salary	228,562	235,521	228,122	260,927
Fringe Benefits	89,988	138,505	107,292	108,214
Contractual Services	80,111	87,584	104,317	118,994
Other Operating	41,466	45,858	53,025	78,104
Charges for County Services	69,387	74,690	81,237	85,800
Capital	121,652	175,416	102,600	137,053
Total Operating Expenditures	631,166	757,574	676,593	789,092
Non-Operating Expenditures Summary				
Transfers	1,653	5,000	0	0
Distribution of Funds In Trust	0	0	0	0
Debt Service	253,115	266,206	270,719	291,257
Depreciation, Amortizations and Depletion	0	0	0	0
Reserve	0	0	95,665	108,673
Total Non-Operating Expenditures	254,768	271,206	366,384	399,930

(dollars in thousands) Expenditure By Program	Total Funding		Total Positions	
	Budget FY 23-24	Proposed FY 24-25	Budget FY 23-24	Proposed FY 24-25
Strategic Area: Neighborhood and Infrastructure				
Office of the Director	3,040	3,210	12	12
Water and Wastewater Systems Operations	465,061	563,719	1,772	1,793
Finance, Administrative Compliance, and Resilience Program	56,852	54,848	338	330
Planning, Regulatory Compliance and Program Management	53,340	59,242	380	377
Internal and Administrative Services	98,300	108,073	584	572
Total Operating Expenditures	676,593	789,092	3,086	3,084

FY 2024-25 Proposed Budget and Multi-Year Capital Plan

CAPITAL BUDGET SUMMARY

(dollars in thousands)	PRIOR	FY 24-25	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	FUTURE	TOTAL
Revenue									
BBC GOB Financing	49,088	25,831	22,768	20,943	11,418	4,724	1,228	0	136,000
Fire Hydrant Fund	16,233	2,600	2,600	2,600	2,600	2,600	2,600	2,600	34,433
Future Subordinate Debt	0	0	0	36,550	96,522	181,873	196,483	379,250	890,678
Future WASD Revenue Bonds	145,541	381,206	438,200	432,728	404,153	398,717	386,613	798,116	3,385,274
Hialeah Reverse Osmosis Plant Construction Fund	7,848	606	190	0	0	0	0	0	8,644
Ojus Revenue Bond Sold	9,953	0	0	0	0	0	0	0	9,953
State Revolving Loan	79,344	0	0	0	0	0	0	0	79,344
Wastewater Program									
WASD Revenue Bonds Sold	1,308,756	0	0	0	0	0	0	0	1,308,756
WASD Subordinate Debt Sold	290,000	0	0	0	0	0	0	0	290,000
WIFIA Loan	346,300	183,366	161,301	127,487	142,655	55,269	40,500	28,501	1,085,379
Wastewater Connection Charges	44,163	9,064	3,649	4,998	8,960	15,961	10,541	3,100	100,436
Wastewater Renewal and Replacement Fund									
Wastewater Renewal Fund	279,322	36,119	60,001	55,000	55,000	55,000	55,000	55,000	650,442
Wastewater Renewal and Replacement Fund	489	0	0	0	0	0	0	0	489
Wastewater Special Construction Fund	26,666	7,001	6,156	30,660	28,924	27,260	25,455	40,200	192,322
Water Connection Charges									
Water Connection Charges	19,410	2,996	1,693	1,504	0	0	0	0	25,603
Water Renewal and Replacement Fund	253,165	63,881	39,999	45,000	45,000	45,000	45,000	45,000	582,045
Water Special Construction Fund	10,052	200	200	200	200	200	200	200	11,452
Total:	2,886,330	712,870	736,757	757,670	795,432	786,604	763,620	1,351,967	8,791,250
Expenditures									
Strategic Area: NI									
GOB Water and Wastewater Projects	49,088	25,831	22,768	20,943	11,418	4,724	1,228	0	136,000
Wastewater Projects	2,247,830	543,024	539,157	545,187	581,517	531,836	493,987	746,633	6,229,171
Water Projects	443,636	195,539	217,585	233,039	204,997	252,544	270,905	607,834	2,426,079
Total:	2,740,554	764,394	779,510	799,169	797,932	789,104	766,120	1,354,467	8,791,250

FY 2024-25 Proposed Budget and Multi-Year Capital Plan

FUNDED CAPITAL PROGRAMS

(dollars in thousands)

CENTRAL DISTRICT FORCEMAIN NETWORK - INFRASTRUCTURE IMPROVEMENTS

PROGRAM #: 9650241



DESCRIPTION: Provide septic to sewer; install 36/42 inch wastewater force mains on or around Biscayne Bay, Biscayne Basin projects and provide various other size wastewater gravity or force mains and pump stations needs in the area of the Central Transmission area as needed

LOCATION: Wastewater System - Central District Area District Located: Systemwide
 City of Miami District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	7,500	11,694	13,476	15,475	19,500	13,578	5,573	3,000	89,796
WASD Revenue Bonds Sold	3,340	0	0	0	0	0	0	0	3,340
TOTAL REVENUES:	10,840	11,694	13,476	15,475	19,500	13,578	5,573	3,000	93,136
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	9,756	10,525	12,128	13,928	17,550	12,220	5,016	2,700	83,823
Planning and Design	1,084	1,169	1,348	1,547	1,950	1,358	557	300	9,313
TOTAL EXPENDITURES:	10,840	11,694	13,476	15,475	19,500	13,578	5,573	3,000	93,136

CENTRAL DISTRICT WASTEWATER TREATMENT PLANT PROJECTS

PROGRAM #: 9653421



DESCRIPTION: Construct digester improvements, digested sludge holding tanks and electrical improvements; complete outfall rehabilitation; install a new gas pipeline and a new flushing water line; construct a sludge handling facility and provide various plant upgrades as necessary and rehabilitation to include pump stations 1 and 2

LOCATION: Virginia Key District Located: 7
 City of Miami District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future Subordinate Debt	0	0	0	18,711	29,331	33,281	40,983	124,000	246,306
Future WASD Revenue Bonds	7,000	20,368	16,825	11,473	2,600	750	350	0	59,366
WASD Revenue Bonds Sold	4,098	0	0	0	0	0	0	0	4,098
WIFIA Loan	473	2,331	10,024	0	0	0	0	0	12,828
TOTAL REVENUES:	11,571	22,699	26,849	30,184	31,931	34,031	41,333	124,000	322,598
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	11,275	22,199	26,131	29,446	31,273	33,350	40,506	121,520	315,700
Planning and Design	296	500	718	738	658	681	827	2,480	6,898
TOTAL EXPENDITURES:	11,571	22,699	26,849	30,184	31,931	34,031	41,333	124,000	322,598

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CENTRAL REGION WATER TRANSMISSION MAINS - INFRASTRUCTURE IMPROVEMENTS **PROGRAM #: 9654041**

DESCRIPTION: Replace various low-pressure water mains and install a water main at railroad crossings via micro tunneling method

LOCATION: Central Miami-Dade County Area District Located: Systemwide
 City of Miami District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,219	3,507	2,400	2,000	0	0	0	10,126
WASD Revenue Bonds Sold	300	0	0	0	0	0	0	0	300
Water Renewal and Replacement	285	0	0	0	0	0	0	0	285
Fund									
TOTAL REVENUES:	585	2,219	3,507	2,400	2,000	0	0	0	10,711
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	550	2,086	3,296	2,256	1,880	0	0	0	10,068
Planning and Design	35	133	211	144	120	0	0	0	643
TOTAL EXPENDITURES:	585	2,219	3,507	2,400	2,000	0	0	0	10,711

COMMERCIAL AND INDUSTRIAL CORRIDORS - EXTENSION OF SEWER SYSTEM (CONNECT TO PROTECT)

PROGRAM #: 967090



DESCRIPTION: Extend sewer service to developed commercial and industrial corridors in Miami-Dade County as per the Board of County Commissioners Resolution R-537-14

LOCATION: Various Sites District Located: Countywide
 Throughout Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
BBC GOB Financing	43,222	21,697	22,768	20,943	11,418	4,724	1,228	0	126,000
TOTAL REVENUES:	43,222	21,697	22,768	20,943	11,418	4,724	1,228	0	126,000
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	40,337	17,409	18,231	16,754	9,601	4,305	983	0	107,620
Planning and Design	2,885	4,288	4,537	4,189	1,817	419	245	0	18,380
TOTAL EXPENDITURES:	43,222	21,697	22,768	20,943	11,418	4,724	1,228	0	126,000

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CONSENT DECREE: SEWER PUMP STATION PROJECTS

PROGRAM #: 964440



DESCRIPTION: Design, construct and rehabilitate pump stations infrastructure systems to comply with the Federal EPA Consent Decree

LOCATION: Systemwide
Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,399	130	0	0	0	0	0	2,529
WASD Revenue Bonds Sold	24,897	0	0	0	0	0	0	0	24,897
TOTAL REVENUES:	24,897	2,399	130	0	0	0	0	0	27,426
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	23,501	2,269	126	0	0	0	0	0	25,896
Planning and Design	1,396	130	4	0	0	0	0	0	1,530
TOTAL EXPENDITURES:	24,897	2,399	130	0	0	0	0	0	27,426

CONSENT DECREE: WASTEWATER COLLECTION AND TRANSMISSION LINES PROJECTS

PROGRAM #: 968150



DESCRIPTION: Design, construct and rehabilitate collection and transmission infrastructure lines to comply with the Federal EPA Consent Decree

LOCATION: Various Sites
Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	0	1,145	1,845	0	0	0	0	0	2,990
WASD Revenue Bonds Sold	16,540	0	0	0	0	0	0	0	16,540
TOTAL REVENUES:	16,540	1,145	1,845	0	0	0	0	0	19,530
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	16,040	1,111	1,790	0	0	0	0	0	18,941
Planning and Design	500	34	55	0	0	0	0	0	589
TOTAL EXPENDITURES:	16,540	1,145	1,845	0	0	0	0	0	19,530

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CONSENT DECREE: WASTEWATER TREATMENT PLANTS PROJECTS

PROGRAM #: 964120



DESCRIPTION: Design, construct and rehabilitate infrastructure improvements at wastewater treatment plants to comply with the Federal Environmental Protection Agency (EPA) Consent Decree

LOCATION: Various Sites District Located: Countywide
 Throughout Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	38,387	90,739	70,273	58,101	58,489	61,837	43,000	43,900	464,726
WASD Revenue Bonds Sold	885,649	0	0	0	0	0	0	0	885,649
Wastewater Connection Charges	5,306	3,297	500	0	0	0	0	0	9,103
Wastewater Renewal Fund	11,560	0	0	0	0	0	0	0	11,560
TOTAL REVENUES:	940,902	94,036	70,773	58,101	58,489	61,837	43,000	43,900	1,371,038
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	890,246	89,345	66,435	54,631	55,663	58,938	40,770	41,516	1,297,544
Planning and Design	50,656	4,691	4,338	3,470	2,826	2,899	2,230	2,384	73,494
TOTAL EXPENDITURES:	940,902	94,036	70,773	58,101	58,489	61,837	43,000	43,900	1,371,038

HIALEAH REVERSE OSMOSIS TREATMENT PLANT

PROGRAM #: 966620



DESCRIPTION: Construct a 10-million gallons per day (MGD) Reverse Osmosis Treatment Plant using the Upper Floridian Aquifer

LOCATION: 700 W 2 Ave District Located: 6
 Hialeah District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Hialeah Reverse Osmosis Plant	7,848	606	190	0	0	0	0	0	8,644
Construction Fund									
Water Connection Charges	194	0	10	0	0	0	0	0	204
TOTAL REVENUES:	8,042	606	200	0	0	0	0	0	8,848
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	7,640	576	189	0	0	0	0	0	8,405
Planning and Design	402	30	11	0	0	0	0	0	443
TOTAL EXPENDITURES:	8,042	606	200	0	0	0	0	0	8,848

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LIFT STATIONS - INFRASTRUCTURE IMPROVEMENTS

PROGRAM #: 9650371



DESCRIPTION: Repair, replace and upgrade existing lift stations throughout the wastewater system
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Wastewater Renewal Fund	12,030	0	350	350	350	350	350	350	14,130
TOTAL REVENUES:	12,030	0	350	350	350	350	350	350	14,130
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	9,184	440	280	280	280	280	280	280	11,304
Land Acquisition/Improvements	804	38	25	25	24	25	24	25	990
Major Machinery and Equipment	344	16	11	10	11	10	11	10	423
Planning and Design	1,149	55	34	35	35	35	35	35	1,413
TOTAL EXPENDITURES:	11,481	549	350	350	350	350	350	350	14,130

NORTH DISTRICT - WASTEWATER TREATMENT PLANT PROJECTS

PROGRAM #: 9653411



DESCRIPTION: Construct a chlorine improvement process, replace sluice gates in the pre-treatment bar screen room and provide various plant upgrades and rehabilitation as necessary
 LOCATION: 2575 NE 151 St District Located: 4
 North Miami District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future Subordinate Debt	0	0	0	17,839	25,985	30,773	33,500	51,500	159,597
Future WASD Revenue Bonds	0	10,241	20,004	21,976	10,800	4,507	0	0	67,528
WASD Revenue Bonds Sold	1,913	0	0	0	0	0	0	0	1,913
WASD Subordinate Debt Sold	3,169	0	0	0	0	0	0	0	3,169
WIFIA Loan	4,427	7,585	12,839	0	0	0	0	0	24,851
Wastewater Renewal Fund	1,232	0	0	0	0	0	0	0	1,232
Wastewater Special Construction Fund	0	0	0	0	0	0	0	15,000	15,000
TOTAL REVENUES:	10,741	17,826	32,843	39,815	36,785	35,280	33,500	66,500	273,290
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	8,884	17,572	32,386	39,238	36,157	34,620	32,830	65,170	266,857
Planning and Design	1,857	253	458	577	628	660	670	1,330	6,433
TOTAL EXPENDITURES:	10,741	17,825	32,844	39,815	36,785	35,280	33,500	66,500	273,290

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NORTH DISTRICT FORCEMAIN NETWORK - INFRASTRUCTURE IMPROVEMENTS

PROGRAM #: 9652101



DESCRIPTION: Provide infrastructure improvements to pump stations to increase system flexibility, including improvements to wastewater force main (FM) near Intercostal Waterway; transmission main projects include Lehman Causeway, Snake Creek and Aventura; and other size sewer FM replacement projects in the North Miami Dade Transmission area

LOCATION: Wastewater System - North District Area District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	27,245	31,708	38,477	33,896	15,034	2,442	0	0	148,802
Ojus Revenue Bond Sold	9,953	0	0	0	0	0	0	0	9,953
WASD Revenue Bonds Sold	61,498	0	0	0	0	0	0	0	61,498
Wastewater Renewal Fund	5,647	0	0	0	0	0	0	0	5,647
TOTAL REVENUES:	104,343	31,708	38,477	33,896	15,034	2,442	0	0	225,900
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	99,553	31,644	38,216	32,939	14,623	2,369	0	0	219,344
Planning and Design	3,058	937	1,120	957	411	73	0	0	6,556
TOTAL EXPENDITURES:	102,611	32,581	39,336	33,896	15,034	2,442	0	0	225,900

NORTH REGION WATER TRANSMISSION MAINS - INFRASTRUCTURE IMPROVEMENTS

PROGRAM #: 9654031



DESCRIPTION: Construct capacity improvements to the 20-inch water mains in and around Biscayne Bay and the Port of Miami areas; construct water main improvements to the 54-inch pipe along Red Road, replacement of 8,12,16-inch water mains in Aventura and construct other improvements along the North Miami transmission mains improvement area

LOCATION: North Miami-Dade County Area District Located: Systemwide
 North Miami District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	6,500	10,676	19,014	20,861	16,429	10,100	6,460	0	90,040
WASD Revenue Bonds Sold	7,620	0	0	0	0	0	0	0	7,620
Water Renewal and Replacement Fund	568	0	0	0	0	0	0	0	568
TOTAL REVENUES:	14,688	10,676	19,014	20,861	16,429	10,100	6,460	0	98,228
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	8,120	10,249	18,253	20,027	15,772	9,696	6,201	0	88,318
Planning and Design	6,568	427	761	834	657	404	259	0	9,910
TOTAL EXPENDITURES:	14,688	10,676	19,014	20,861	16,429	10,100	6,460	0	98,228

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OCEAN OUTFALL LEGISLATION PROGRAM

PROGRAM #: 962670



DESCRIPTION: Eliminate outfall flows to the ocean

LOCATION: Systemwide
Various Sites

District Located:
District(s) Served:

Systemwide
Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future Subordinate Debt	0	0	0	0	41,206	117,819	122,000	203,750	484,775
Future WASD Revenue Bonds	0	0	483	7,353	16,479	21,573	0	0	45,888
State Revolving Loan Wastewater Program	79,344	0	0	0	0	0	0	0	79,344
WASD Revenue Bonds Sold	384	0	0	0	0	0	0	0	384
WASD Subordinate Debt Sold	46,276	0	0	0	0	0	0	0	46,276
WIFIA Loan	137,975	82,658	112,033	127,487	142,655	55,269	40,500	28,501	727,078
Wastewater Connection Charges	10,151	3,717	1,504	4,000	8,000	15,001	9,000	0	51,373
Wastewater Renewal Fund	6,188	0	0	0	0	0	0	0	6,188
Wastewater Special Construction Fund	20,470	6,801	5,956	13,695	13,724	12,560	13,366	25,000	111,572
TOTAL REVENUES:	300,788	93,176	119,976	152,535	222,064	222,222	184,866	257,251	1,552,878
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	294,154	90,635	117,178	148,584	215,080	215,666	181,296	251,514	1,514,107
Planning and Design	6,634	2,541	2,798	3,951	6,984	6,556	3,570	5,737	38,771
TOTAL EXPENDITURES:	300,788	93,176	119,976	152,535	222,064	222,222	184,866	257,251	1,552,878

PEAK FLOW MANAGEMENT - FLOW REDUCTION PROGRAM (FRP)

PROGRAM #: 9650201



DESCRIPTION: Implement a Flow Reduction Program which is comprised of two main components: Inflow and Infiltration reduction and Pump Station Optimization by implementing real time controls at pump stations

LOCATION: Systemwide
Various Sites

District Located:
District(s) Served:

Systemwide
Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	3,887	16,214	15,309	14,053	19,791	12,517	18,790	10,596	111,157
WASD Revenue Bonds Sold	28,704	0	0	0	0	0	0	0	28,704
TOTAL REVENUES:	32,591	16,214	15,309	14,053	19,791	12,517	18,790	10,596	139,861
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	32,591	16,214	15,309	14,053	19,791	12,517	18,790	10,596	139,861
TOTAL EXPENDITURES:	32,591	16,214	15,309	14,053	19,791	12,517	18,790	10,596	139,861

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PUMP STATIONS - GENERATORS AND MISCELLANEOUS UPGRADES

PROGRAM #: 9652002

DESCRIPTION: Install emergency generators and construct miscellaneous upgrades at various wastewater pump stations

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	0	10,532	20,411	6,390	688	941	0	0	38,962
WASD Revenue Bonds Sold	3,520	0	0	0	0	0	0	0	3,520
TOTAL REVENUES:	3,520	10,532	20,411	6,390	688	941	0	0	42,482
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	2,938	9,695	18,655	5,945	413	564	0	0	38,210
Major Machinery and Equipment	488	690	778	256	275	377	0	0	2,864
Planning and Design	94	146	979	189	0	0	0	0	1,408
TOTAL EXPENDITURES:	3,520	10,531	20,412	6,390	688	941	0	0	42,482

PUMP STATIONS - REHABILITATION AND RESILIENCE PROGRAM (PSRRP)

PROGRAM #: 200000784



DESCRIPTION: Implement a pump station resiliency program to improve pump stations systemwide

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	16,430	40,462	50,697	49,879	40,106	26,710	32,762	40,182	297,228
WASD Revenue Bonds Sold	40,119	0	0	0	0	0	0	0	40,119
Wastewater Connection Charges	2,744	600	600	548	510	510	293	200	6,005
Wastewater Renewal Fund	842	0	0	0	0	0	0	0	842
TOTAL REVENUES:	60,135	41,062	51,297	50,427	40,616	27,220	33,055	40,382	344,194
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	59,528	40,636	50,739	49,891	40,210	26,948	32,825	40,078	340,855
Planning and Design	607	426	558	536	406	272	230	304	3,339
TOTAL EXPENDITURES:	60,135	41,062	51,297	50,427	40,616	27,220	33,055	40,382	344,194

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SAFE DRINKING WATER ACT MODIFICATIONS

PROGRAM #: 9654061



DESCRIPTION: Modify water treatment to comply with Surface Water Treatment (SWT) and Disinfectant/Disinfection By Product (D-DBP) regulations

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	750	15,425	20,621	15,420	13,698	9,500	10,000	32,750	118,164
WASD Revenue Bonds Sold	78,125	0	0	0	0	0	0	0	78,125
Water Connection Charges	1,423	1,492	179	0	0	0	0	0	3,094
Water Renewal and Replacement	3,324	0	0	0	0	0	0	0	3,324
Fund									
TOTAL REVENUES:	83,622	16,917	20,800	15,420	13,698	9,500	10,000	32,750	202,707
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	78,970	15,714	19,002	13,591	11,827	7,005	6,700	21,943	174,752
Land Acquisition/Improvements	225	450	750	1,050	1,350	2,250	3,000	9,825	18,900
Major Machinery and Equipment	112	40	79	80	42	0	0	0	353
Planning and Design	4,315	713	969	699	479	245	300	982	8,702
TOTAL EXPENDITURES:	83,622	16,917	20,800	15,420	13,698	9,500	10,000	32,750	202,707

SANITARY SEWER SYSTEM EXTENSION

PROGRAM #: 9653281



DESCRIPTION: Extend sewer system lines to include the existing sanitary sewer needs assessment

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Wastewater Renewal Fund	40,702	0	5,000	5,000	5,000	5,000	5,000	5,000	70,702
TOTAL REVENUES:	40,702	0	5,000	5,000	5,000	5,000	5,000	5,000	70,702
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	33,412	3,220	4,500	4,500	4,500	4,500	4,500	4,500	63,632
Planning and Design	3,712	357	501	500	500	500	500	500	7,070
TOTAL EXPENDITURES:	37,124	3,577	5,001	5,000	5,000	5,000	5,000	5,000	70,702

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SANITARY SEWER SYSTEM IMPROVEMENTS

PROGRAM #: 9650221



DESCRIPTION: Provide sanitary sewer system improvements funded from the special construction fund including special taxing districts

LOCATION: Systemwide	District Located:	Systemwide
Various Sites	District(s) Served:	Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Wastewater Special Construction Fund	175	200	200	200	200	200	200	200	1,575
TOTAL REVENUES:	175	200	200	200	200	200	200	200	1,575
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	175	200	200	200	200	200	200	200	1,575
TOTAL EXPENDITURES:	175	200	200	200	200	200	200	200	1,575

SOUTH DISTRICT - WASTEWATER TREATMENT PLANT CAPACITY EXPANSION

PROGRAM #: 200000580



DESCRIPTION: Redirect flows to regional plants and account for peak flows through 2035

LOCATION: Systemwide	District Located:	Systemwide
Various Sites	District(s) Served:	Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
WASD Subordinate Debt Sold	240,555	0	0	0	0	0	0	0	240,555
WIFIA Loan	203,425	90,792	26,405	0	0	0	0	0	320,622
Wastewater Connection Charges	20,480	0	0	0	0	0	0	0	20,480
Wastewater Special Construction Fund	0	0	0	16,765	15,000	14,500	11,889	0	58,154
TOTAL REVENUES:	464,460	90,792	26,405	16,765	15,000	14,500	11,889	0	639,811
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	302,500	89,765	26,049	16,597	14,850	14,355	11,770	0	475,886
Planning and Design	161,960	1,027	356	168	150	145	119	0	163,925
TOTAL EXPENDITURES:	464,460	90,792	26,405	16,765	15,000	14,500	11,889	0	639,811

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SOUTH DISTRICT FORCEMAIN NETWORK - INFRASTRUCTURE IMPROVEMENTS

PROGRAM #: 9651061



DESCRIPTION: Provide piping improvements to pump station number 536 and force main upgrade in SW 117 Ave
 LOCATION: Wastewater System - South District Area District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	3,727	7,215	10,085	15,413	20,345	17,021	25,000	41,500	140,306
WASD Revenue Bonds Sold	505	0	0	0	0	0	0	0	505
TOTAL REVENUES:	4,232	7,215	10,085	15,413	20,345	17,021	25,000	41,500	140,811
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	3,978	6,782	9,480	14,488	19,124	16,000	23,500	39,010	132,362
Planning and Design	254	432	606	925	1,221	1,021	1,500	2,490	8,449
TOTAL EXPENDITURES:	4,232	7,214	10,086	15,413	20,345	17,021	25,000	41,500	140,811

SOUTH DISTRICT WASTEWATER TREATMENT PLANT PROJECTS

PROGRAM #: 9655481



DESCRIPTION: Install emergency generators and expand the South District Wastewater Plant and injection wells
 LOCATION: 8950 SW 232 St District Located: 8
 Unincorporated Miami-Dade County District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	0	5,000	2,650	1,730	1,000	0	0	0	10,380
WASD Revenue Bonds Sold	10,265	0	0	0	0	0	0	0	10,265
Wastewater Renewal Fund	725	0	0	0	0	0	0	0	725
TOTAL REVENUES:	10,990	5,000	2,650	1,730	1,000	0	0	0	21,370
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	6,449	4,900	2,597	1,696	980	0	0	0	16,622
Planning and Design	4,541	100	53	34	20	0	0	0	4,748
TOTAL EXPENDITURES:	10,990	5,000	2,650	1,730	1,000	0	0	0	21,370

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SOUTH REGION WATER TRANSMISSION MAINS - INFRASTRUCTURE IMPROVEMENTS

PROGRAM #: 9650021



DESCRIPTION: Construct various water transmission mains to service the south Miami-Dade County area after the new South Miami Heights water treatment plant is in service

LOCATION: South Miami-Dade County **District Located:** Systemwide
 Various Sites **District(s) Served:** Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	0	3,250	2,883	4,263	3,249	0	0	0	13,645
WASD Revenue Bonds Sold	1,645	0	0	0	0	0	0	0	1,645
TOTAL REVENUES:	1,645	3,250	2,883	4,263	3,249	0	0	0	15,290
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	1,366	2,696	2,393	3,539	2,697	0	0	0	12,691
Planning and Design	279	554	490	724	552	0	0	0	2,599
TOTAL EXPENDITURES:	1,645	3,250	2,883	4,263	3,249	0	0	0	15,290

WASTEWATER - EQUIPMENT

PROGRAM #: 9650301

DESCRIPTION: Acquire equipment and associated wastewater system capital support materials as needed

LOCATION: Systemwide **District Located:** Systemwide
 Various Sites **District(s) Served:** Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Wastewater Renewal Fund	65,876	0	6,859	9,000	9,000	9,000	9,000	9,000	117,735
TOTAL REVENUES:	65,876	0	6,859	9,000	9,000	9,000	9,000	9,000	117,735
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Major Machinery and Equipment	42,232	12,792	16,711	10,000	9,000	9,000	9,000	9,000	117,735
TOTAL EXPENDITURES:	42,232	12,792	16,711	10,000	9,000	9,000	9,000	9,000	117,735

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WASTEWATER - MAINTENANCE AND UPGRADES

PROGRAM #: 9650361

DESCRIPTION: Maintain and develop existing wastewater system facilities, structures and equipment
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Wastewater Renewal Fund	58,778	24,825	22,157	20,000	20,000	20,000	20,000	20,000	205,760
TOTAL REVENUES:	58,778	24,825	22,157	20,000	20,000	20,000	20,000	20,000	205,760
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	10,460	5,691	4,000	5,000	4,000	4,000	4,000	4,000	41,151
Major Machinery and Equipment	41,843	22,765	16,001	20,000	16,000	16,000	16,000	16,000	164,609
TOTAL EXPENDITURES:	52,303	28,456	20,001	25,000	20,000	20,000	20,000	20,000	205,760

WASTEWATER - MASTER PLANNING AND PEAK FLOW MANAGEMENT

PROGRAM #: 9653371



DESCRIPTION: Evaluate and construct alternatives for peak flow management facilities and associated infrastructure
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	0	6,587	3,350	1,729	1,907	550	1,526	3,544	19,193
WASD Revenue Bonds Sold	11,308	0	0	0	0	0	0	0	11,308
Wastewater Connection Charges	5,482	1,450	1,045	450	450	450	1,248	2,900	13,475
TOTAL REVENUES:	16,790	8,037	4,395	2,179	2,357	1,000	2,774	6,444	43,976
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	11,730	1,811	566	0	0	0	0	0	14,107
Land Acquisition/Improvements	1,000	1,000	999	1,000	1,000	1,000	2,774	6,444	15,217
Planning and Design	4,060	5,226	2,830	1,179	1,357	0	0	0	14,652
TOTAL EXPENDITURES:	16,790	8,037	4,395	2,179	2,357	1,000	2,774	6,444	43,976

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WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS

PROGRAM #: 968750



DESCRIPTION: Replace and/or install new wastewater pipelines in areas requiring service improvements
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Wastewater Renewal Fund	5,508	3,000	3,000	3,000	3,000	3,000	3,000	3,000	26,508
TOTAL REVENUES:	5,508	3,000	3,000	3,000	3,000	3,000	3,000	3,000	26,508
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	4,957	2,700	2,700	2,700	2,700	2,700	2,700	2,700	23,857
Major Machinery and Equipment	275	150	150	150	150	150	150	150	1,325
Planning and Design	276	150	150	150	150	150	150	150	1,326
TOTAL EXPENDITURES:	5,508	3,000	3,000	3,000	3,000	3,000	3,000	3,000	26,508

WASTEWATER - TELEMETERING IMPROVEMENTS

PROGRAM #: 9652481



DESCRIPTION: Install computer system to monitor and control wastewater flows and pressures at various pump stations
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Wastewater Renewal Fund	4,858	0	0	500	500	500	500	500	7,358
TOTAL REVENUES:	4,858	0	0	500	500	500	500	500	7,358
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	1,533	1,825	1,500	500	500	500	500	500	7,358
TOTAL EXPENDITURES:	1,533	1,825	1,500	500	500	500	500	500	7,358

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WASTEWATER FACILITIES - INFRASTRUCTURE IMPROVEMENTS

PROGRAM #: 9653201

DESCRIPTION: Construct and/or renovate various regional general maintenance centers, office facilities and storage warehouses

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	0	4,822	14,409	22,657	28,500	33,000	39,007	97,860	240,255
WASD Revenue Bonds Sold	3,148	0	0	0	0	0	0	0	3,148
TOTAL REVENUES:	3,148	4,822	14,409	22,657	28,500	33,000	39,007	97,860	243,403
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	2,897	4,436	13,257	20,844	26,220	30,360	35,886	90,031	223,931
Planning and Design	251	386	1,152	1,813	2,280	2,640	3,121	7,829	19,472
TOTAL EXPENDITURES:	3,148	4,822	14,409	22,657	28,500	33,000	39,007	97,860	243,403

WASTEWATER TREATMENT PLANT - SOUTH DISTRICT UPGRADES

PROGRAM #: 9653401



DESCRIPTION: Provide plant process infrastructure improvements to include injection and monitoring wells, installation of emergency generators, acquiring a land buffer, construction of a landfill gas pipeline, installation of co-generation units and construction of sludge handling facilities

LOCATION: 8950 SW 232 St
Unincorporated Miami-Dade County

District Located: 8
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	7,219	21,065	20,290	16,367	14,217	1,047	0	0	80,205
WASD Revenue Bonds Sold	10,287	0	0	0	0	0	0	0	10,287
Wastewater Renewal and Replacement Fund	489	0	0	0	0	0	0	0	489
TOTAL REVENUES:	17,995	21,065	20,290	16,367	14,217	1,047	0	0	90,981
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	14,568	19,169	18,464	14,894	12,938	952	0	0	80,985
Planning and Design	3,427	1,896	1,826	1,473	1,279	95	0	0	9,996
TOTAL EXPENDITURES:	17,995	21,065	20,290	16,367	14,217	1,047	0	0	90,981

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WASTEWATER TREATMENT PLANTS - MISCELLANEOUS UPGRADES

PROGRAM #: 9652061



DESCRIPTION: Upgrade wastewater treatment plants to meet regulatory requirements
 LOCATION: Wastewater Treatment Plants District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,160	0	0	0	0	0	0	2,160
WASD Revenue Bonds Sold	2,482	0	0	0	0	0	0	0	2,482
TOTAL REVENUES:	2,482	2,160	0	0	0	0	0	0	4,642
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	2,333	2,030	1	0	0	0	0	0	4,364
Planning and Design	149	128	1	0	0	0	0	0	278
TOTAL EXPENDITURES:	2,482	2,158	2	0	0	0	0	0	4,642

WASTEWATER TREATMENT PLANTS - REPLACE AND RENOVATE

PROGRAM #: 9653261



DESCRIPTION: Renovate and replace wastewater treatment plant facilities and structures within plant sites
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Wastewater Renewal Fund	65,376	8,294	22,635	17,150	17,150	17,150	17,150	17,150	182,055
Wastewater Special Construction Fund	6,021	0	0	0	0	0	0	0	6,021
TOTAL REVENUES:	71,397	8,294	22,635	17,150	17,150	17,150	17,150	17,150	188,076
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	59,128	9,668	20,815	23,893	16,293	16,293	16,293	16,293	178,676
Major Machinery and Equipment	623	101	220	251	171	171	171	171	1,879
Planning and Design	2,490	406	875	1,006	686	686	686	686	7,521
TOTAL EXPENDITURES:	62,241	10,175	21,910	25,150	17,150	17,150	17,150	17,150	188,076

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WASTEWATER - INFRASTRUCTURE IMPROVEMENTS

PROGRAM #: 2000001494



DESCRIPTION: Replace, upgrade and expand existing wastewater infrastructure throughout the wastewater system, to include force mains, injection wells, pump stations, electrical systems and plant treatment processes

LOCATION: Various Sites
 Various Sites

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
BBC GOB Financing	5,866	4,134	0	0	0	0	0	0	10,000
TOTAL REVENUES:	5,866	4,134	0	0	0	0	0	0	10,000
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	5,866	4,134	0	0	0	0	0	0	10,000
TOTAL EXPENDITURES:	5,866	4,134	0	0	0	0	0	0	10,000

WATER - DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

PROGRAM #: 9653311



DESCRIPTION: Install various water mains throughout the distribution system

LOCATION: Systemwide
 Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Fire Hydrant Fund	13,070	0	0	0	0	0	0	0	13,070
Future WASD Revenue Bonds	0	1,500	2,000	400	200	0	0	0	4,100
WASD Revenue Bonds Sold	762	0	0	0	0	0	0	0	762
Water Renewal and Replacement Fund	62,123	17,773	8,989	11,500	11,500	11,500	11,500	11,500	146,385
Water Special Construction Fund	4,413	0	0	0	0	0	0	0	4,413
TOTAL REVENUES:	80,368	19,273	10,989	11,900	11,700	11,500	11,500	11,500	168,730
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	46,389	29,518	21,704	13,483	13,289	13,095	13,095	13,095	163,668
Planning and Design	1,435	913	671	417	411	405	405	405	5,062
TOTAL EXPENDITURES:	47,824	30,431	22,375	13,900	13,700	13,500	13,500	13,500	168,730

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WATER - EQUIPMENT

PROGRAM #: 9650141

DESCRIPTION: Acquire equipment and associated water system capital support materials
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	2,500	3,000	3,750	4,750	10,000	25,000	15,000	0	64,000
Water Renewal and Replacement Fund	44,064	0	8,000	8,000	8,000	8,000	8,000	8,000	92,064
TOTAL REVENUES:	46,564	3,000	11,750	12,750	18,000	33,000	23,000	8,000	156,064
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Major Machinery and Equipment	30,066	14,498	14,250	15,250	18,000	33,000	23,000	8,000	156,064
TOTAL EXPENDITURES:	30,066	14,498	14,250	15,250	18,000	33,000	23,000	8,000	156,064

WATER - MAIN EXTENSIONS

PROGRAM #: 9651051

DESCRIPTION: Construct water main extensions funded from the special construction fund including special taxing districts
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Water Special Construction Fund	1,245	200	200	200	200	200	200	200	2,645
TOTAL REVENUES:	1,245	200	200	200	200	200	200	200	2,645
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	960	180	180	180	180	180	180	180	2,220
Planning and Design	285	20	20	20	20	20	20	20	425
TOTAL EXPENDITURES:	1,245	200	200	200	200	200	200	200	2,645

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WATER - PIPES AND INFRASTRUCTURE PROJECTS

PROGRAM #: 967190



DESCRIPTION: Replace pipes and provide various infrastructure improvements
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	9,686	3,967	2,700	1,550	0	0	0	0	17,903
WASD Revenue Bonds Sold	26,345	0	0	0	0	0	0	0	26,345
Water Renewal and Replacement Fund	18,217	5,000	5,000	3,000	3,000	3,000	3,000	3,000	43,217
Water Special Construction Fund	387	0	0	0	0	0	0	0	387
TOTAL REVENUES:	54,635	8,967	7,700	4,550	3,000	3,000	3,000	3,000	87,852
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	39,508	8,803	7,546	6,419	2,940	2,940	2,940	2,940	74,036
Planning and Design	13,127	164	154	131	60	60	60	60	13,816
TOTAL EXPENDITURES:	52,635	8,967	7,700	6,550	3,000	3,000	3,000	3,000	87,852

WATER - SYSTEM MAINTENANCE AND UPGRADES

PROGRAM #: 9650181

DESCRIPTION: Develop and maintain existing water system facilities, structures and equipment
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Water Renewal and Replacement Fund	57,158	27,446	15,870	15,000	15,000	15,000	15,000	15,000	175,474
TOTAL REVENUES:	57,158	27,446	15,870	15,000	15,000	15,000	15,000	15,000	175,474
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	37,870	26,348	22,636	24,000	14,400	14,400	14,400	14,400	168,454
Planning and Design	1,579	1,098	943	1,000	600	600	600	600	7,020
TOTAL EXPENDITURES:	39,449	27,446	23,579	25,000	15,000	15,000	15,000	15,000	175,474

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WATER - TELEMETERING IMPROVEMENTS

PROGRAM #: 9656780

DESCRIPTION: Acquire and install a centralized computer system at water treatment plants and wellfields
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Water Renewal and Replacement	6,059	0	1,000	500	500	500	500	500	9,559
Fund									
TOTAL REVENUES:	6,059	0	1,000	500	500	500	500	500	9,559
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	1,471	840	477	690	230	230	230	230	4,398
Major Machinery and Equipment	1,726	986	560	809	270	270	270	270	5,161
TOTAL EXPENDITURES:	3,197	1,826	1,037	1,499	500	500	500	500	9,559

WATER FACILITIES MAINTENANCE, UPGRADES AND STROM/CONNECTIVITY IMPROVEMENTS

PROGRAM #: 9650271

DESCRIPTION: Construct regional general maintenance centers, office facilities and storage warehouses
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	250	1,483	4,639	8,149	14,494	15,060	9,500	8,800	62,375
WASD Revenue Bonds Sold	1,121	0	0	0	0	0	0	0	1,121
TOTAL REVENUES:	1,371	1,483	4,639	8,149	14,494	15,060	9,500	8,800	63,496
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	1,009	885	3,275	4,634	6,745	9,054	8,550	7,920	42,072
Planning and Design	362	598	1,364	3,515	7,749	6,006	950	880	21,424
TOTAL EXPENDITURES:	1,371	1,483	4,639	8,149	14,494	15,060	9,500	8,800	63,496

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WATER RESET PROGRAM

PROGRAM #: 2000002314



DESCRIPTION: Increase the sustainability and resilience of the water system by addressing critical infrastructure needs

LOCATION: Countywide
 Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	0	4,686	7,371	11,076	16,061	32,000	36,500	314,000	421,694
WASD Revenue Bonds Sold	903	0	0	0	0	0	0	0	903
TOTAL REVENUES:	903	4,686	7,371	11,076	16,061	32,000	36,500	314,000	422,597
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	813	4,187	6,574	9,869	14,280	28,340	32,350	276,465	372,878
Planning and Design	90	499	797	1,207	1,781	3,660	4,150	37,535	49,719
TOTAL EXPENDITURES:	903	4,686	7,371	11,076	16,061	32,000	36,500	314,000	422,597

WATER RESET PROGRAM - SMALL DIAMETER WATER MAINS REPLACEMENT

PROGRAM #: 2000000072



DESCRIPTION: Design, construct and replace undersized water mains to improve fire flows, pressure to homes and quality of water

LOCATION: Systemwide
 Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Fire Hydrant Fund	58	0	0	0	0	0	0	0	58
Future WASD Revenue Bonds	3,026	23,915	25,259	28,146	30,700	37,000	40,000	181,472	369,518
WASD Revenue Bonds Sold	37,767	0	0	0	0	0	0	0	37,767
Water Connection Charges	16,477	1,504	1,504	1,504	0	0	0	0	20,989
Water Renewal and Replacement Fund	202	0	0	0	0	0	0	0	202
TOTAL REVENUES:	57,530	25,419	26,763	29,650	30,700	37,000	40,000	181,472	428,534
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	55,631	24,496	25,846	28,644	29,650	35,700	38,580	175,401	413,948
Planning and Design	1,899	923	917	1,006	1,050	1,300	1,420	6,071	14,586
TOTAL EXPENDITURES:	57,530	25,419	26,763	29,650	30,700	37,000	40,000	181,472	428,534

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WATER RESET PROGRAM - WATER TREATMENT PLANT - ALEXANDER ORR, JR. EXPANSION

PROGRAM #: 9650031



DESCRIPTION: Construct high service pumps and a 48-inch finished water line, install a new generator and construct chlorine facilities

LOCATION: 6800 SW 87 Ave
Unincorporated Miami-Dade County

District Located: 7
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Fire Hydrant Fund	90	0	0	0	0	0	0	0	90
Future WASD Revenue Bonds	2,087	17,143	24,769	36,976	31,844	55,546	71,693	20,512	260,570
WASD Revenue Bonds Sold	26,891	0	0	0	0	0	0	0	26,891
Water Renewal and Replacement Fund	1,229	0	0	0	0	0	0	0	1,229
TOTAL REVENUES:	30,297	17,143	24,769	36,976	31,844	55,546	71,693	20,512	288,780
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	28,919	16,653	24,107	35,713	30,690	53,369	68,508	19,566	277,525
Planning and Design	1,378	490	662	1,263	1,154	2,177	3,185	946	11,255
TOTAL EXPENDITURES:	30,297	17,143	24,769	36,976	31,844	55,546	71,693	20,512	288,780

WATER RESET PROGRAM - WATER TREATMENT PLANT - HIALEAH/PRESTON IMPROVEMENTS

PROGRAM #: 9650041



DESCRIPTION: Construct pump station east of the reservoir outside the transmission loop; construct five-mega-gal elevated remote storage, new laboratory and filter backwash water tank; install two emergency generators; construct chlorine facilities; and provide various upgrades to plant and remote storage as necessary

LOCATION: 700 W 2 Ave and 1100 W 2 Ave
Hialeah

District Located: 6
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Future WASD Revenue Bonds	9,347	11,591	22,973	22,245	16,022	18,038	31,452	0	131,668
WASD Revenue Bonds Sold	18,620	0	0	0	0	0	0	0	18,620
Water Connection Charges	1,316	0	0	0	0	0	0	0	1,316
TOTAL REVENUES:	29,283	11,591	22,973	22,245	16,022	18,038	31,452	0	151,604
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	27,612	10,981	21,994	21,343	15,321	17,022	29,565	0	143,838
Planning and Design	1,671	610	979	902	701	1,016	1,887	0	7,766
TOTAL EXPENDITURES:	29,283	11,591	22,973	22,245	16,022	18,038	31,452	0	151,604

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WATER SYSTEM FIRE HYDRANT PROGRAM

PROGRAM #: 9653461

DESCRIPTION: Install fire hydrants and construct related system infrastructure improvements
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Fire Hydrant Fund	3,015	2,600	2,600	2,600	2,600	2,600	2,600	2,600	21,215
Water Renewal and Replacement Fund	293	0	0	0	0	0	0	0	293
TOTAL REVENUES:	3,308	2,600	2,600	2,600	2,600	2,600	2,600	2,600	21,508
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	3,077	2,418	2,418	2,418	2,418	2,418	2,418	2,418	20,003
Planning and Design	231	182	182	182	182	182	182	182	1,505
TOTAL EXPENDITURES:	3,308	2,600	2,600	2,600	2,600	2,600	2,600	2,600	21,508

WATER TREATMENT PLANT - REPLACEMENT AND RENOVATIONS

PROGRAM #: 9650161

DESCRIPTION: Renovate and replace water treatment plant facilities and structures within plant sites
 LOCATION: Water Treatment Plants District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Water Renewal and Replacement Fund	59,643	13,662	1,140	7,000	7,000	7,000	7,000	7,000	109,445
Water Special Construction Fund	4,007	0	0	0	0	0	0	0	4,007
TOTAL REVENUES:	63,650	13,662	1,140	7,000	7,000	7,000	7,000	7,000	113,452
EXPENDITURE SCHEDULE:	PRIOR	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	FUTURE	TOTAL
Construction	35,670	14,646	12,150	15,980	7,050	7,050	7,050	7,050	106,646
Major Machinery and Equipment	759	312	258	340	150	150	150	150	2,269
Planning and Design	1,517	623	517	680	300	300	300	300	4,537
TOTAL EXPENDITURES:	37,946	15,581	12,925	17,000	7,500	7,500	7,500	7,500	113,452

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UNFUNDED CAPITAL PROGRAMS

PROGRAM NAME	LOCATION	(dollars in thousands) ESTIMATED PROGRAM COST
OCEAN OUTFALLS - CAPACITY PROJECTS	Throughout Miami-Dade County	1,730,281
OCEAN OUTFALLS - LEGISLATION PROJECTS	Throughout Miami-Dade County	3,374,000
SEPTIC TO SEWER PROJECT - PHASE 2	Throughout Miami-Dade County	90,000
UNDERSIZED WATER MAINS - REPLACEMENTS	Throughout Miami Dade County	15,963
WASTEWATER - COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT	Throughout Miami Dade County	143,601
WASTEWATER FACILITIES - UPGRADES	Various Sites	78,671
WASTEWATER TREATMENT PLANT - CENTRAL DISTRICT IMPROVEMENTS	Throughout Miami-Dade County	699
WASTEWATER TREATMENT PLANT - DIVISION NEEDS	Throughout Miami-Dade County	15,186
WASTEWATER TREATMENT PLANT - SOUTH DISTRICT IMPROVEMENTS	Throughout Miami-Dade County	6,075
WASTEWATER TREATMENT PLANT - UTILITY ENGINEERING	Throughout Miami-Dade County	43,412
WATER - COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT	Throughout Miami Dade County	480,016
WATER FACILITIES - UPGRADES	Various Sites	14,576
WATER INFRASTRUCTURE - VARIOUS IMPROVEMENTS	Throughout Miami Dade County	5,700
WATER RESET- PHASE 2	Throughout Miami-Dade County	429,475
WATER TREATMENT PLANT (ALEX ORR) - IMPROVEMENTS	Throughout Miami-Dade County	33,863
WATER TREATMENT PLANT (HIALEAH) - IMPROVEMENTS	Throughout Miami-Dade County	21,620
WATER TREATMENT PLANT (NEW FACILITIES) - SOUTH MIAMI AND SURFACE	Throughout Miami-Dade County	690,818
WATER TREATMENT PLANT (PRESTON) - IMPROVEMENTS	Throughout Miami-Dade County	57,331
	UNFUNDED TOTAL	7,231,287