

# FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

## Water and Sewer

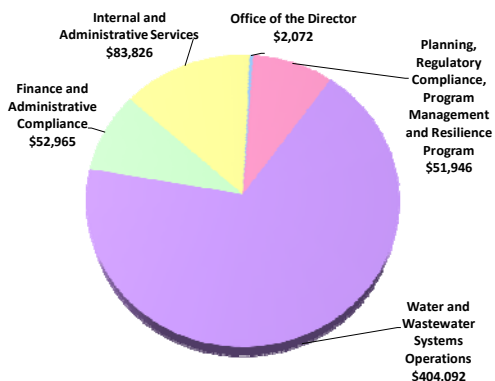
The Miami-Dade Water and Sewer Department (WASD) provides high-quality drinking water and wastewater services, safeguarding public health and the environment, while planning for future growth, implementing water conservation measures and providing for process improvements and cost efficiencies.

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 94 water supply wells (grouped into 14 wellfields) in the Biscayne Aquifer; five aquifer storage and recovery wells in the Floridan Aquifer and more than 8,700 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 6,400 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.

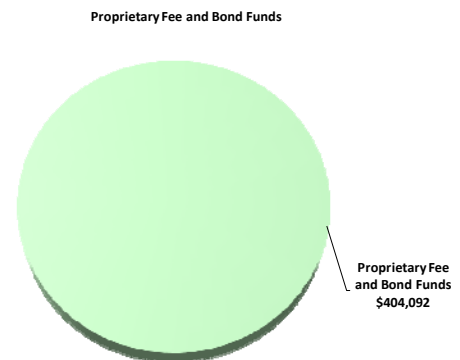
The Department delivers water and sewer services to most residents and businesses within Miami-Dade County, serving approximately 451,000 water and 367,000 wastewater retail customers as of September 30, 2020. Additionally, service is provided to 15 wholesale (municipal) water customers and to 13 wholesale (12 municipal and the Homestead Air Reserve Base) wastewater customers within Miami-Dade County on a daily basis. The total combined population served at the retail and wholesale level is approximately 2.3 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 2021-22 Proposed Operating Budget

### Expenditures by Activity (dollars in thousands)



### Revenues by Source (dollars in thousands)



# FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

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## TABLE OF ORGANIZATION

|  |                 |                 |       |       |
|--|-----------------|-----------------|-------|-------|
| <p><b><u>OFFICE OF THE DIRECTOR</u></b><br/>                     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 20-21</u></td> <td style="text-align: center;"><u>FY 21-22</u></td> </tr> <tr> <td style="text-align: center;">8</td> <td style="text-align: center;">7</td> </tr> </table>  | <u>FY 20-21</u> | <u>FY 21-22</u> | 8     | 7     |
| <u>FY 20-21</u>  | <u>FY 21-22</u> |                 |       |       |
| 8  | 7               |                 |       |       |
| <p><b><u>WATER AND WASTEWATER SYSTEMS OPERATIONS</u></b><br/>                     Operates and maintains water and wastewater systems: treatment plants, transmission/distribution systems and pump stations</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>FY 20-21</u></td> <td style="text-align: center;"><u>FY 21-22</u></td> </tr> <tr> <td style="text-align: center;">1,670</td> <td style="text-align: center;">1,628</td> </tr> </table>   | <u>FY 20-21</u> | <u>FY 21-22</u> | 1,670 | 1,628 |
| <u>FY 20-21</u>  | <u>FY 21-22</u> |                 |       |       |
| 1,670  | 1,628           |                 |       |       |
| <p><b><u>FINANCE AND ADMINISTRATIVE COMPLIANCE</u></b><br/>                     Directs financial, budget, capital funding coordination and information technology functions; directs contractual compliance and quality assurance of construction/contractual work</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>FY 20-21</u></td> <td style="text-align: center;"><u>FY 21-22</u></td> </tr> <tr> <td style="text-align: center;">237</td> <td style="text-align: center;">311</td> </tr> </table>  | <u>FY 20-21</u> | <u>FY 21-22</u> | 237   | 311   |
| <u>FY 20-21</u>  | <u>FY 21-22</u> |                 |       |       |
| 237  | 311             |                 |       |       |
| <p><b><u>PLANNING, REGULATORY COMPLIANCE, PROGRAM MANAGEMENT AND RESILIENCE PROGRAM</u></b><br/>                     Directs water and wastewater design and construction activities for plants and pipelines; oversees the Resilience Program; 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 20-21</u></td> <td style="text-align: center;"><u>FY 21-22</u></td> </tr> <tr> <td style="text-align: center;">162</td> <td style="text-align: center;">349</td> </tr> </table> | <u>FY 20-21</u> | <u>FY 21-22</u> | 162   | 349   |
| <u>FY 20-21</u>  | <u>FY 21-22</u> |                 |       |       |
| 162  | 349             |                 |       |       |
| <p><b><u>INTERNAL AND ADMINISTRATIVE SERVICES</u></b><br/>                     Directs legislative activities, municipal policies, procurement, personnel, customer service and public information dissemination; fleet and security initiatives</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>FY 20-21</u></td> <td style="text-align: center;"><u>FY 21-22</u></td> </tr> <tr> <td style="text-align: center;">739</td> <td style="text-align: center;">524</td> </tr> </table>   | <u>FY 20-21</u> | <u>FY 21-22</u> | 739   | 524   |
| <u>FY 20-21</u>  | <u>FY 21-22</u> |                 |       |       |
| 739  | 524             |                 |       |       |

The FY 2021-22 total number of full-time equivalent positions is 2,819.6

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

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### **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**

- As part of a reorganization performed in FY 2020-21 to streamline operations, one position was transferred out of the Office of the Director to Water and Wastewater Systems Operations to perform wastewater collection and distribution activities
- The FY 2021-22 Proposed Budget includes a proposed 3.68 percent increase to retail customers that is evenly applied to each tier that includes residential, multi-family and non-residential
- Effective October 1, 2021, the wholesale water rate will increase by \$0.0697, from \$1.7947 to \$1.8644 per thousand gallons; the wastewater wholesale rate will also increase by \$0.1770, from \$3.2971 to \$3.4741 per thousand gallons; wholesale customers' bills include a true-up credit adjustment to recover actual cost for FY 2019-20
- The FY 2021-22 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 Audit and Management Services Department for expenses associated with audits and reviews (\$500,000)

### **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 wastewater system including treatment and disposal as well as the maintenance of wastewater pumping and collection systems
- Directs and oversees operation of water system including installations, repairs and maintenance of water infrastructure
- Directs the emergency communication center when activated
- 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 2021 - 22 Proposed Budget and Multi-Year Capital Plan

| Key Department Measures, Strategic Objectives, and Resiliency Drivers            |       |      |      |      |          |          |          |            |          |
|--|-------|------|------|------|----------|----------|----------|------------|----------|
| Measures   | SO    | RD   | Type | Good | FY 18-19 | FY 19-20 | FY 20-21 | FY 20-21   | FY 21-22 |
|  |       |      |      |      | Actual   | Actual   | Budget   | Projection | Target   |
| Average time to respond to sewage overflows (in minutes)                         | NI2-1 | HW-1 | EF   | ↓    | 39       | 45       | 45       | 45         | 45       |
| Percentage of non-emergency requests dispatched in less than three business days | NI2-1 | HW-1 | OC   | ↑    | 82%      | 91%      | 99%      | 99%        | 99%      |
| Percentage of pumps in service   | NI2-1 | HW-1 | EF   | ↑    | 95%      | 99%      | 99%      | 99%        | 99%      |
| Wastewater mainline valves exercised   | NI2-1 | HW-1 | OP   | ↔    | 6,314    | 6,240    | 6,000    | 6,000      | 6,000    |
| Percentage compliance with drinking water standards                              | NI2-1 | HW-1 | OC   | ↑    | 100%     | 100%     | 100%     | 100%       | 100%     |

### DIVISION COMMENTS

- As part of a reorganization performed in FY 2020-21, one position was transferred to the Water and Wastewater Systems Operation Division from the Director's Office for water transmission and distribution activities and 43 positions were transferred out to the Internal and Administrative Services Division to perform security functions

### **DIVISION: FINANCE AND ADMINISTRATIVE COMPLIANCE**

Directs financial, budget, capital funding coordination, procurement 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, 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

| Key Department Measures, Strategic Objectives, and Resiliency Drivers |       |      |      |      |          |          |          |            |          |
|---|-------|------|------|------|----------|----------|----------|------------|----------|
| Measures  | SO    | RD   | Type | Good | FY 18-19 | FY 19-20 | FY 20-21 | FY 20-21   | FY 21-22 |
|   |       |      |      |      | Actual   | Actual   | Budget   | Projection | Target   |
| Bond rating evaluation by Fitch                                       | GG4-1 | ES-3 | OC   | ↑    | A+       | A+       | A+       | A+         | A+       |
| Bond rating evaluation by Standard and Poor's*                        | GG4-1 | ES-3 | OC   | ↑    | Aa-      | Aa-      | Aa-      | Aa-        | Aa-      |
| Bond rating evaluation by Moody's                                     | GG4-1 | ES-3 | OC   | ↑    | Aa3      | Aa3      | Aa3      | Aa3        | Aa3      |

\* The FY 2020-21 Adopted Budget included a scrivener's error of Aa+ that will be corrected to Aa-

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### DIVISION COMMENTS

- As part of a reorganization performed in FY 2020-21 to streamline operations, 74 positions that were part of the procurement and stores functions were transferred into the Finance and Administrative Compliance Division from the Internal and Administrative Services Division
- The FY 2021-22 Proposed Budget includes payments to the Finance Department for expenses associated with cash management services (\$9,000)
- The FY 2020-21 year-end combined fund balance is projected to be \$110.2 million in rate stabilization and general reserve funds; in FY 2021-22, these reserves are expected to remain at the combined balance of \$110.2 million and the Department is projecting a year-end fund balance of \$82.9 million in the operating budget as required for bond ordinances

### **DIVISION: PLANNING, REGULATORY COMPLIANCE, PROGRAM MANAGEMENT AND RESILIENCE PROGRAM**

Directs compliance with state and federal agreements related to the ocean outfall legislation and resilience programs.

- 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 Resilience programs as well as priority programs
- Oversees environmental regulations and compliance with federal and state agreements
- Processes applications for new water services, mains, pump stations and fire hydrant installations by private contractors

### **Key Department Measures, Strategic Objectives, and Resiliency Drivers**

| Measures  | SO    | RD   | Type | Good | FY 18-19 | FY 19-20 | FY 20-21 | FY 20-21   | FY 21-22 |
|---|-------|------|------|------|----------|----------|----------|------------|----------|
|   |       |      |      |      | Actual   | Actual   | Budget   | Projection | Target   |
| Percentage of Ocean Outfall Legislation projects on schedule  | NI2-1 | IE-1 | OC   | ↑    | 100%     | 100%     | 100%     | 100%       | 100%     |
| Estimated gallons of water saved per day (GPD) through the Water Use Efficiency Program (in thousands)* | NI1-2 | HW-1 | OC   | ↑    | 287      | 142      | 200      | 260        | 260      |

\* The FY 2019-20 Actual and FY 2020-21 Budget reflects the impacts of COVID-19

### DIVISION COMMENTS

- **The FY 2021-22 Proposed budget includes the addition of three New Business Representative positions (\$181,000) to assist with increased volume associated with Concurrent Plans Processing as well as a shorter review timeline**
- As part of a reorganization performed in FY 2020-21, 184 positions were transferred from the Internal and Administrative Services Division to the Planning, Regulatory Compliance, Program Management and Resilience Program Division for responsibilities related to the Senior Advisor, Consent Decree, planning and regulatory functions that relate to water and sewer properties
- The FY 2021-22 Proposed Budget includes funding to the Parks, Recreation and Open Spaces (PROS) Department for Cooperative Extension's Florida Yards and Neighborhoods Program (\$285,000)
- In FY 2021-22, 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

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### **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
- 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

### **Key Department Measures, Strategic Objectives, and Resiliency Drivers**

| Measures  | SO    | RD   | Type | Good | FY 18-19 | FY 19-20 | FY 20-21 | FY 20-21   | FY 21-22 |
|---|-------|------|------|------|----------|----------|----------|------------|----------|
|   |       |      |      |      | Actual   | Actual   | Budget   | Projection | Target   |
| Percentage of Consent Decree Wastewater Projects on Schedule*   | NI2-1 | IE-1 | OC   | ↑    | 93%      | 91%      | 86%      | 84%        | 83%      |
| Percent compliance with 20-Year Water Use Permit (WUP) as scheduled   | NI2-1 | IE-1 | OC   | ↑    | 100%     | 100%     | 100%     | 100%       | 100%     |
| Percentage of Comprehensive Development Master Plan and Development Impact Committee comments provided in a timely manner | NI2-1 | LS-3 | EF   | ↑    | 100%     | 100%     | 100%     | 100%       | 100%     |
| Training hours per employee**   | NI2-1 | LS-1 | OP   | ↔    | 14       | 17       | 17       | 10         | 13       |
| Average call wait time (in minutes)***  | NI2-1 | LS-2 | EF   | ↓    | 1.2      | 3.5      | 3.5      | 2.5        | 2.5      |
| Percentage of calls answered within two minutes (monthly)***  | NI2-1 | LS-2 | OC   | ↑    | 76%      | 45%      | 50%      | 70%        | 80%      |

\* The FY 2020-21 Budget and FY 2020-21 Projection reflect impacts associated with COVID-19; the FY 2021-22 Target continues this trend

\*\* The FY 2020-21 Projection reflects impacts associated with COVID-19; the FY 2021-22 Target continues with this trend

\*\*\* The FY 2020-21 Projection includes enhancements to the self-service tools to assist callers using automation; the FY 2021-22 Target continues this trend

### **DIVISION COMMENTS**

- As part of a reorganization performed in FY 2020-21 to streamline operations, the Planning, Customer Initiatives and Senior Advisor Division became the Internal and Administration Services Division reflecting a net reduction of 215 positions; a total of 74 positions (performing procurement and stores activities) were transferred out to the Finance and Administrative Compliance Division, 184 positions (performing Consent Decree, planning and regulatory functions) were transferred out to the Planning, Regulatory Compliance, Program Management and Resilience Program Division and 43 positions (performing security functions) were transferred in from the Water and Wastewater Systems Operations Division
- The FY 2021-22 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 Department continues working on an outreach campaign that includes branding of the Department for community recognition and that will inform citizens on water and wastewater services and the Multi-Year Capital Improvements Plan
- The FY 2021-22 Proposed Budget includes a payment to the Human Resources Department for testing and validation services (\$47,000)

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

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### CAPITAL BUDGET HIGHLIGHTS AND OPERATIONAL IMPACTS

- For FY 2021-22, the Department continued to streamline the Ocean Outfall Legislation capital project (total \$1.437 billion) to include only the legislation and regulatory component; the capacity component project was separated out to be programmed as South District Expansion (total \$694.703 million)
- 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 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
- While developing the FY 2021-22 Proposed Budget and Multi-Year Capital Plan, the Department continued to evaluate all capital projects with an emphasis on all federal, state and local requirements; as a result of the review, project scopes, estimates and the timing of many projects were modified and new projects were added in the amount of \$196 million; WASDs capital plan decreased by \$627 million due to projects being completed or removed; changes to active projects based on pricing and scope revisions increased the capital plan by \$476 million; based on departmental reviews and project modifications, the multi-year capital plan increased by \$44.5 million from FY 2020-21
- In FY 2021-22, the Department is continuing to increase its focus on 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; the FY 2021-22 budget for the Flow Reduction Program is \$13.565 million
- The Department's FY 2021-22 Proposed Budget and Multi-Year Capital Plan also addresses the continued implementation of various wastewater systems capital projects such as the Pump Station Improvement and Resilience Program's (\$26.672 million), Ocean Outfalls Legislation Program (\$70.016 million), Consent Decree (\$213.6 million), and South District Expansion (\$51.228 million)
- The Department's FY 2021-22 Proposed Budget and Multi-Year Capital Plan includes the continued implementation of various water system capital projects such as the Hialeah/Preston Water Treatment Plant (\$62.760 million), Alexander Orr Water Treatment Plant (\$132.897 million), Small Diameter Water Main Replacement Program (\$330.631 million) and Water Distribution System (\$166.742 million)
- The Department's FY 2021-22 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 \$533.193 billion in wastewater needs, \$161.609 billion in water needs and BBC/GOB Water and Wastewater projects of \$23.5 million dollars
- The Department's FY 2021-22 Proposed Budget and Multi-Year Capital Plan includes projects that directly impact the resilience of the County's built and natural systems to include 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 maximize the use of biogas from the wastewater treatment process to increase onsite energy production; the expansion of the sanitary sewer system to remove septic systems through the General Obligation Bond Commercial Corridors Septic-to-Sewer Project; the installation of public sewer laterals; and the Ojus Special Benefit Area project
- The Department's FY 2021-22 Proposed Budget and Multi-Year Capital Plan includes the purchase of 257 vehicles (\$16.195 million) for the replacement of its aging fleet funded with lease purchase financing (\$16.050 million for heavy fleet, and \$145,000 for light fleet); 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 project #2000000511

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

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### SELECTED ITEM HIGHLIGHTS AND DETAILS

| Line Item Highlights    | (dollars in thousands) |                    |                    |                        |                      |
|-------------------------|------------------------|--------------------|--------------------|------------------------|----------------------|
|                         | Actual<br>FY 18-19     | Actual<br>FY 19-20 | Budget<br>FY 20-21 | Projection<br>FY 20-21 | Proposed<br>FY 21-22 |
| Advertising             | 968                    | 645                | 899                | 710                    | 899                  |
| Fuel                    | 2,833                  | 5,634              | 3,717              | 3,890                  | 3,100                |
| Overtime                | 15,894                 | 16,677             | 16,398             | 17,153                 | 17,444               |
| Rent                    | 320                    | 321                | 962                | 1,021                  | 674                  |
| Security Services       | 11,589                 | 11,402             | 13,500             | 11,882                 | 13,100               |
| Temporary Services      | 908                    | 1,405              | 1,660              | 1,479                  | 2,222                |
| Travel and Registration | 148                    | 49                 | 335                | 266                    | 236                  |
| Utilities               | 41,647                 | 40,776             | 50,168             | 47,111                 | 51,776               |

### PROPOSED FEE ADJUSTMENTS FOR SERVICES

| Fee Adjustments                                      | Current Fee<br>FY 20-21 | Proposed Fee<br>FY 21-22 | Dollar Impact<br>FY 21-22 |
|--|-------------------------|--------------------------|---------------------------|
| • Wastewater Retail Rate Adjustments                 | various                 | various                  | \$10,950,000              |
| • Wastewater Wholesale Rate per one thousand gallons | \$3.2971                | \$3.4741                 | \$12,781,000              |
| • Water Retail Rate Adjustments                      | various                 | various                  | \$20,446,000              |
| • Water Wholesale Rate per one thousand gallons      | \$1.7947                | \$1.8644                 | \$4,972,000               |



## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### OPERATING FINANCIAL SUMMARY

| (dollars in thousands)                    | Actual<br>FY 18-19 | Actual<br>FY 19-20 | Budget<br>FY 20-21 | Proposed<br>FY 21-22 |
|---|--------------------|--------------------|--------------------|----------------------|
| <b>Revenue Summary</b>                    |                    |                    |                    |                      |
| Carryover                                 | 74,199             | 78,099             | 80,060             | 79,261               |
| Miscellaneous Non-Operating               | 15,355             | 10,413             | 18,237             | 13,323               |
| Other Revenues                            | 30,033             | 23,758             | 32,306             | 29,342               |
| Retail Wastewater                         | 308,853            | 324,980            | 332,298            | 343,248              |
| Retail Water                              | 277,305            | 302,360            | 311,356            | 331,802              |
| Transfer From Other Funds                 | 0                  | 0                  | 8,618              | 9,018                |
| Wholesale Wastewater                      | 83,450             | 90,605             | 78,370             | 91,151               |
| Wholesale Water                           | 34,810             | 27,779             | 28,179             | 33,151               |
| Loan Repayments                           | 10,000             | 0                  | 0                  | 0                    |
| Total Revenues                            | 834,005            | 857,994            | 889,424            | 930,296              |
| <b>Operating Expenditures Summary</b>     |                    |                    |                    |                      |
| Salary                                    | 184,175            | 191,814            | 194,278            | 203,203              |
| Fringe Benefits                           | 87,095             | 98,220             | 77,678             | 88,264               |
| Contractual Services                      | 73,424             | 73,206             | 90,074             | 93,121               |
| Other Operating                           | 36,561             | 48,290             | 37,180             | 37,302               |
| Charges for County Services               | 60,967             | 67,149             | 76,354             | 75,511               |
| Capital                                   | 131,891            | 114,829            | 97,500             | 97,500               |
| Total Operating Expenditures              | 574,113            | 593,508            | 573,064            | 594,901              |
| <b>Non-Operating Expenditures Summary</b> |                    |                    |                    |                      |
| Transfers                                 | 11,104             | 2,928              | 0                  | 0                    |
| Distribution of Funds In Trust            | 0                  | 0                  | 0                  | 0                    |
| Debt Service                              | 195,465            | 226,304            | 237,099            | 252,495              |
| Depreciation, Amortizations and Depletion | 0                  | 0                  | 0                  | 0                    |
| Reserve                                   | 0                  | 0                  | 79,261             | 82,900               |
| Total Non-Operating Expenditures          | 206,569            | 229,232            | 316,360            | 335,395              |

| (dollars in thousands)                                 | Total Funding      |                      | Total Positions    |                      |
|--|--------------------|----------------------|--------------------|----------------------|
| Expenditure By Program                                 | Budget<br>FY 20-21 | Proposed<br>FY 21-22 | Budget<br>FY 20-21 | Proposed<br>FY 21-22 |
| <b>Strategic Area: Neighborhood and Infrastructure</b> |                    |                      |                    |                      |
| Office of the Director                                 | 4,747              | 2,072                | 8                  | 7                    |
| Water and Wastewater                                   | 392,724            | 404,092              | 1,670              | 1,628                |
| Systems Operations                                     |                    |                      |                    |                      |
| Finance and Administrative                             | 38,081             | 52,965               | 237                | 311                  |
| Compliance   |                    |                      |                    |                      |
| Planning, Regulatory                                   | 44,751             | 51,946               | 162                | 349                  |
| Compliance, Program                                    |                    |                      |                    |                      |
| Management and Resilience                              |                    |                      |                    |                      |
| Program  |                    |                      |                    |                      |
| Internal and Administrative                            | 92,761             | 83,826               | 739                | 524                  |
| Services   |                    |                      |                    |                      |
| Total Operating Expenditures                           | 573,064            | 594,901              | 2,816              | 2,819                |

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### CAPITAL BUDGET SUMMARY

| (dollars in thousands)                          | PRIOR            | FY 21-22       | FY 22-23       | FY 23-24       | FY 24-25       | FY 25-26       | FY 26-27       | FUTURE         | TOTAL            |
|---|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| <b>Revenue</b>                                  |                  |                |                |                |                |                |                |                |                  |
| BBC GOB Financing                               | 27,202           | 23,500         | 36,295         | 30,614         | 23,389         | 0              | 0              | 0              | 141,000          |
| Fire Hydrant Fund                               | 3,517            | 2,500          | 2,500          | 2,500          | 2,500          | 2,500          | 2,500          | 2,500          | 21,017           |
| Future Subordinate Debt                         | 3,807            | 5,982          | 7,212          | 36,749         | 47,762         | 92,128         | 111,035        | 67,951         | 372,625          |
| Future WASD Revenue Bonds                       | 0                | 33,353         | 472,208        | 482,814        | 495,561        | 401,670        | 303,768        | 649,140        | 2,838,515        |
| Hialeah Reverse Osmosis Plant Construction Fund | 7,473            | 500            | 0              | 0              | 0              | 0              | 0              | 0              | 7,973            |
| Miami Springs Water Construction Fund           | 12,800           | 508            | 0              | 0              | 0              | 0              | 0              | 0              | 13,308           |
| State Revolving Loan Wastewater Program         | 42,353           | 12,000         | 0              | 0              | 0              | 0              | 0              | 0              | 54,353           |
| WASD Revenue Bonds Sold                         | 1,808,327        | 0              | 0              | 0              | 0              | 0              | 0              | 0              | 1,808,327        |
| WIFIA Loan                                      | 59,008           | 37,042         | 92,489         | 175,519        | 139,466        | 118,870        | 25,227         | 13,504         | 661,126          |
| Wastewater Connection Charges                   | 169,793          | 16,614         | 13,020         | 15,338         | 18,470         | 0              | 0              | 0              | 233,234          |
| Wastewater Renewal Fund                         | 247,097          | 47,500         | 55,500         | 50,000         | 50,000         | 50,000         | 50,000         | 50,000         | 600,097          |
| Wastewater Special Construction Fund            | 15,328           | 6,457          | 43,391         | 22,368         | 51,598         | 15,251         | 18,366         | 25,020         | 197,778          |
| Water Connection Charges                        | 51,418           | 3,401          | 3,153          | 2,449          | 2,449          | 1,287          | 1,287          | 0              | 65,444           |
| Water Renewal and Replacement Fund              | 236,077          | 47,499         | 39,501         | 45,000         | 45,000         | 45,000         | 45,000         | 45,000         | 548,077          |
| Water Special Construction Fund                 | 14,136           | 200            | 200            | 200            | 200            | 200            | 200            | 0              | 15,336           |
| <b>Total:</b>                                   | <b>2,698,336</b> | <b>237,056</b> | <b>765,468</b> | <b>863,551</b> | <b>876,395</b> | <b>726,906</b> | <b>557,384</b> | <b>853,115</b> | <b>7,578,210</b> |
| <b>Expenditures</b>                             |                  |                |                |                |                |                |                |                |                  |
| <b>Strategic Area: NI</b>                       |                  |                |                |                |                |                |                |                |                  |
| GOB Water and Wastewater Projects               | 27,202           | 23,500         | 36,295         | 30,614         | 23,389         | 0              | 0              | 0              | 141,000          |
| Wastewater Projects                             | 1,619,186        | 533,193        | 600,295        | 719,441        | 747,811        | 634,934        | 451,606        | 526,981        | 5,833,447        |
| Water Projects                                  | 416,722          | 161,609        | 264,951        | 121,402        | 108,695        | 97,471         | 106,778        | 326,136        | 1,603,763        |
| <b>Total:</b>                                   | <b>2,063,110</b> | <b>718,302</b> | <b>901,541</b> | <b>871,457</b> | <b>879,895</b> | <b>732,406</b> | <b>558,384</b> | <b>853,116</b> | <b>7,578,210</b> |

### FUNDED CAPITAL PROJECTS

(dollars in thousands)

#### COMMERCIAL AND INDUSTRIAL CORRIDORS - EXTENSION OF SEWER SYSTEM (BUILDING BETTER COMMUNITIES BOND PROGRAM) PROJECT #: 967090

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

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

| REVENUE SCHEDULE:          | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26  | 2026-27  | FUTURE   | TOTAL          |
|----------------------------|---------------|---------------|---------------|---------------|---------------|----------|----------|----------|----------------|
| BBC GOB Financing          | 27,202        | 18,500        | 31,295        | 25,614        | 23,389        | 0        | 0        | 0        | 126,000        |
| <b>TOTAL REVENUES:</b>     | <b>27,202</b> | <b>18,500</b> | <b>31,295</b> | <b>25,614</b> | <b>23,389</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>126,000</b> |
| EXPENDITURE SCHEDULE:      | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26  | 2026-27  | FUTURE   | TOTAL          |
| Construction               | 26,551        | 17,921        | 30,039        | 24,789        | 22,089        | 0        | 0        | 0        | 121,389        |
| Planning and Design        | 651           | 579           | 1,256         | 825           | 1,300         | 0        | 0        | 0        | 4,611          |
| <b>TOTAL EXPENDITURES:</b> | <b>27,202</b> | <b>18,500</b> | <b>31,295</b> | <b>25,614</b> | <b>23,389</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>126,000</b> |

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### LIFT STATIONS - UPGRADES AND STRUCTURAL IMPROVEMENTS

**PROJECT #: 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        | 2021-22      | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL         |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Wastewater Renewal Fund       | 8,777        | 3,500        | 3,500        | 3,500        | 3,500        | 3,500        | 3,500        | 3,500        | 33,277        |
| <b>TOTAL REVENUES:</b>        | <b>8,777</b> | <b>3,500</b> | <b>3,500</b> | <b>3,500</b> | <b>3,500</b> | <b>3,500</b> | <b>3,500</b> | <b>3,500</b> | <b>33,277</b> |
| EXPENDITURE SCHEDULE:         | PRIOR        | 2021-22      | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL         |
| Construction                  | 6,138        | 3,683        | 2,800        | 2,800        | 2,800        | 2,800        | 2,800        | 2,801        | 26,623        |
| Land Acquisition/Improvements | 537          | 322          | 245          | 245          | 245          | 245          | 245          | 245          | 2,329         |
| Major Machinery and Equipment | 230          | 138          | 105          | 105          | 105          | 105          | 105          | 105          | 998           |
| Planning and Design           | 767          | 460          | 350          | 350          | 350          | 350          | 350          | 350          | 3,327         |
| <b>TOTAL EXPENDITURES:</b>    | <b>7,673</b> | <b>4,603</b> | <b>3,500</b> | <b>3,500</b> | <b>3,500</b> | <b>3,500</b> | <b>3,500</b> | <b>3,501</b> | <b>33,277</b> |

### PEAK FLOW MANAGEMENT - FACILITIES

**PROJECT #: 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         | 2021-22      | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE   | TOTAL         |
|-------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|---------------|
| Future WASD Revenue Bonds     | 0             | 1,000        | 5,000        | 6,130        | 3,000        | 2,000        | 2,000        | 0        | 19,130        |
| WASD Revenue Bonds Sold       | 17,516        | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 17,516        |
| Wastewater Connection Charges | 7,625         | 0            | 0            | 0            | 0            | 0            | 0            | 0        | 7,625         |
| <b>TOTAL REVENUES:</b>        | <b>25,141</b> | <b>1,000</b> | <b>5,000</b> | <b>6,130</b> | <b>3,000</b> | <b>2,000</b> | <b>2,000</b> | <b>0</b> | <b>44,271</b> |
| EXPENDITURE SCHEDULE:         | PRIOR         | 2021-22      | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE   | TOTAL         |
| Construction                  | 10,839        | 4,846        | 3,000        | 3,678        | 1,800        | 1,200        | 1,200        | 0        | 26,563        |
| Planning and Design           | 7,226         | 3,230        | 2,000        | 2,452        | 1,200        | 800          | 800          | 0        | 17,708        |
| <b>TOTAL EXPENDITURES:</b>    | <b>18,065</b> | <b>8,076</b> | <b>5,000</b> | <b>6,130</b> | <b>3,000</b> | <b>2,000</b> | <b>2,000</b> | <b>0</b> | <b>44,271</b> |

### PEAK FLOW MANAGEMENT - FLOW REDUCTION PROGRAM (FRP)

**PROJECT #: 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 District Located: Systemwide  
 Various Sites District(s) Served: Systemwide

| REVENUE SCHEDULE:          | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Future WASD Revenue Bonds  | 0             | 0             | 14,865        | 16,176        | 16,166        | 14,056        | 11,976        | 35,927        | 109,165        |
| WASD Revenue Bonds Sold    | 76,961        | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 76,961         |
| <b>TOTAL REVENUES:</b>     | <b>76,961</b> | <b>0</b>      | <b>14,865</b> | <b>16,176</b> | <b>16,166</b> | <b>14,056</b> | <b>11,976</b> | <b>35,927</b> | <b>186,126</b> |
| EXPENDITURE SCHEDULE:      | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
| Construction               | 63,396        | 13,565        | 14,865        | 16,176        | 16,166        | 14,056        | 11,976        | 35,927        | 186,126        |
| <b>TOTAL EXPENDITURES:</b> | <b>63,396</b> | <b>13,565</b> | <b>14,865</b> | <b>16,176</b> | <b>16,166</b> | <b>14,056</b> | <b>11,976</b> | <b>35,927</b> | <b>186,126</b> |

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### PEAK FLOW MANAGEMENT - SOUTH DISTRICT EXPANSION

**PROJECT #: 200000580**

DESCRIPTION: Redirect flows to regional plants and account for peak flows through 2035  
 LOCATION: Systemwide  
 Various Sites

District Located: Systemwide  
 District(s) Served: Countywide



| REVENUE SCHEDULE:                       | PRIOR          | 2021-22       | 2022-23        | 2023-24        | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
|---|----------------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|
| Future Subordinate Debt                 | 0              | 0             | 7,212          | 6,749          | 11,125        | 24,832        | 39,367        | 17,496        | 106,782        |
| State Revolving Loan Wastewater Program | 12,350         | 0             | 0              | 0              | 0             | 0             | 0             | 0             | 12,350         |
| WASD Revenue Bonds Sold                 | 22,580         | 0             | 0              | 0              | 0             | 0             | 0             | 0             | 22,580         |
| WIFIA Loan                              | 25,412         | 4,300         | 74,178         | 133,943        | 47,669        | 39,218        | 6,500         | 504           | 331,724        |
| Wastewater Connection Charges           | 141,385        | 5,489         | 910            | 1,156          | 0             | 0             | 0             | 0             | 148,940        |
| Wastewater Renewal Fund                 | 14,566         | 0             | 12,866         | 0              | 0             | 0             | 0             | 0             | 27,431         |
| Wastewater Special Construction Fund    | 5,599          | 2,950         | 0              | 0              | 36,348        | 0             | 0             | 0             | 44,897         |
| <b>TOTAL REVENUES:</b>                  | <b>221,891</b> | <b>12,739</b> | <b>95,165</b>  | <b>141,849</b> | <b>95,142</b> | <b>64,051</b> | <b>45,867</b> | <b>18,000</b> | <b>694,703</b> |
| EXPENDITURE SCHEDULE:                   | PRIOR          | 2021-22       | 2022-23        | 2023-24        | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
| Construction                            | 120,116        | 50,203        | 137,781        | 146,270        | 96,179        | 67,670        | 44,949        | 17,640        | 680,808        |
| Planning and Design                     | 2,451          | 1,025         | 2,812          | 2,985          | 1,963         | 1,381         | 917           | 360           | 13,895         |
| <b>TOTAL EXPENDITURES:</b>              | <b>122,568</b> | <b>51,228</b> | <b>140,593</b> | <b>149,255</b> | <b>98,142</b> | <b>69,051</b> | <b>45,867</b> | <b>18,000</b> | <b>694,703</b> |

### PUMP STATIONS - GENERATORS AND MISCELLANEOUS UPGRADES

**PROJECT #: 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        | 2021-22      | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27  | FUTURE   | TOTAL         |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|----------|---------------|
| Future WASD Revenue Bonds  | 0            | 0            | 4,899        | 5,600        | 5,046        | 4,244        | 0        | 0        | 19,788        |
| WASD Revenue Bonds Sold    | 7,692        | 0            | 0            | 0            | 0            | 0            | 0        | 0        | 7,692         |
| <b>TOTAL REVENUES:</b>     | <b>7,692</b> | <b>0</b>     | <b>4,899</b> | <b>5,600</b> | <b>5,046</b> | <b>4,244</b> | <b>0</b> | <b>0</b> | <b>27,480</b> |
| EXPENDITURE SCHEDULE:      | PRIOR        | 2021-22      | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27  | FUTURE   | TOTAL         |
| Construction               | 5,236        | 2,456        | 4,899        | 5,600        | 5,046        | 4,244        | 0        | 0        | 27,480        |
| <b>TOTAL EXPENDITURES:</b> | <b>5,236</b> | <b>2,456</b> | <b>4,899</b> | <b>5,600</b> | <b>5,046</b> | <b>4,244</b> | <b>0</b> | <b>0</b> | <b>27,480</b> |

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### PUMP STATIONS - IMPROVEMENT PROGRAM

**PROJECT #: 9651071**

DESCRIPTION: Upgrade pump stations systemwide to meet departmental forecasted demands  
 LOCATION: Systemwide District Located: Systemwide  
 Various Sites District(s) Served: Systemwide

| REVENUE SCHEDULE:             | PRIOR         | 2021-22      | 2022-23      | 2023-24      | 2024-25  | 2025-26  | 2026-27  | FUTURE        | TOTAL         |
|-------------------------------|---------------|--------------|--------------|--------------|----------|----------|----------|---------------|---------------|
| Future WASD Revenue Bonds     | 0             | 0            | 7,341        | 1,000        | 0        | 0        | 0        | 13,745        | 22,086        |
| WASD Revenue Bonds Sold       | 66,634        | 0            | 0            | 0            | 0        | 0        | 0        | 0             | 66,634        |
| Wastewater Connection Charges | 3,498         | 0            | 0            | 0            | 0        | 0        | 0        | 0             | 3,498         |
| <b>TOTAL REVENUES:</b>        | <b>70,131</b> | <b>0</b>     | <b>7,341</b> | <b>1,000</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>13,745</b> | <b>92,218</b> |
| EXPENDITURE SCHEDULE:         | PRIOR         | 2021-22      | 2022-23      | 2023-24      | 2024-25  | 2025-26  | 2026-27  | FUTURE        | TOTAL         |
| Construction                  | 52,281        | 7,330        | 6,240        | 850          | 0        | 0        | 0        | 11,683        | 78,385        |
| Planning and Design           | 9,226         | 1,294        | 1,101        | 150          | 0        | 0        | 0        | 2,062         | 13,833        |
| <b>TOTAL EXPENDITURES:</b>    | <b>61,507</b> | <b>8,624</b> | <b>7,341</b> | <b>1,000</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>13,745</b> | <b>92,218</b> |

### PUMP STATIONS - RESILIENCE PROGRAM (PSRP)

**PROJECT #: 200000784**

DESCRIPTION: Implement a pump station resiliency program to improve pump stations systemwide  
 LOCATION: Systemwide District Located: Countywide  
 Various Sites District(s) Served: Countywide

| REVENUE SCHEDULE:             | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Future WASD Revenue Bonds     | 0             | 400           | 30,457        | 40,816        | 42,712        | 35,782        | 30,395        | 44,917        | 225,480        |
| WASD Revenue Bonds Sold       | 38,671        | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 38,671         |
| Wastewater Connection Charges | 868           | 219           | 0             | 0             | 0             | 0             | 0             | 0             | 1,087          |
| Wastewater Renewal Fund       | 34            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 34             |
| <b>TOTAL REVENUES:</b>        | <b>39,574</b> | <b>619</b>    | <b>30,457</b> | <b>40,816</b> | <b>42,712</b> | <b>35,782</b> | <b>30,395</b> | <b>44,917</b> | <b>265,272</b> |
| EXPENDITURE SCHEDULE:         | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
| Construction                  | 17,051        | 13,897        | 23,452        | 31,428        | 32,888        | 27,552        | 23,404        | 34,586        | 204,260        |
| Planning and Design           | 5,093         | 4,151         | 7,005         | 9,388         | 9,824         | 8,230         | 6,991         | 10,331        | 61,013         |
| <b>TOTAL EXPENDITURES:</b>    | <b>22,145</b> | <b>18,048</b> | <b>30,457</b> | <b>40,816</b> | <b>42,712</b> | <b>35,782</b> | <b>30,395</b> | <b>44,917</b> | <b>265,272</b> |

### PUMP STATIONS - SEWER SYSTEMS CONSENT DECREE PROJECTS

**PROJECT #: 964440**

DESCRIPTION: Design, construct and rehabilitate pump stations infrastructure systems to comply with the Federal EPA Consent Decree  
 LOCATION: Various Sites District Located: Countywide  
 Throughout Miami-Dade County District(s) Served: Countywide

| REVENUE SCHEDULE:             | PRIOR          | 2021-22      | 2022-23    | 2023-24   | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL          |
|-------------------------------|----------------|--------------|------------|-----------|----------|----------|----------|----------|----------------|
| Future WASD Revenue Bonds     | 0              | 0            | 174        | 46        | 0        | 0        | 0        | 0        | 219            |
| WASD Revenue Bonds Sold       | 115,266        | 0            | 0          | 0         | 0        | 0        | 0        | 0        | 115,266        |
| Wastewater Connection Charges | 100            | 0            | 0          | 0         | 0        | 0        | 0        | 0        | 100            |
| <b>TOTAL REVENUES:</b>        | <b>115,366</b> | <b>0</b>     | <b>174</b> | <b>46</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>115,585</b> |
| EXPENDITURE SCHEDULE:         | PRIOR          | 2021-22      | 2022-23    | 2023-24   | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL          |
| Construction                  | 101,697        | 7,900        | 165        | 43        | 0        | 0        | 0        | 0        | 109,805        |
| Planning and Design           | 5,352          | 416          | 9          | 2         | 0        | 0        | 0        | 0        | 5,779          |
| <b>TOTAL EXPENDITURES:</b>    | <b>107,050</b> | <b>8,316</b> | <b>174</b> | <b>46</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>115,585</b> |

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### SANITARY SEWER SYSTEM - EXTENSION

**PROJECT #: 9653281**

DESCRIPTION: Extend sewer system lines to include the existing sanitary sewer needs assessment  
 LOCATION: Systemwide District Located: Systemwide  
 Various Sites District(s) Served: Systemwide

| REVENUE SCHEDULE:          | PRIOR         | 2021-22       | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL         |
|----------------------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Wastewater Renewal Fund    | 39,057        | 0             | 3,000        | 5,500        | 5,500        | 5,500        | 6,500        | 6,500        | 71,557        |
| <b>TOTAL REVENUES:</b>     | <b>39,057</b> | <b>0</b>      | <b>3,000</b> | <b>5,500</b> | <b>5,500</b> | <b>5,500</b> | <b>6,500</b> | <b>6,500</b> | <b>71,557</b> |
| EXPENDITURE SCHEDULE:      | PRIOR         | 2021-22       | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL         |
| Construction               | 974           | 488           | 220          | 220          | 220          | 220          | 260          | 260          | 2,862         |
| Planning and Design        | 23,386        | 11,709        | 5,280        | 5,280        | 5,280        | 5,280        | 6,240        | 6,240        | 68,695        |
| <b>TOTAL EXPENDITURES:</b> | <b>24,360</b> | <b>12,197</b> | <b>5,500</b> | <b>5,500</b> | <b>5,500</b> | <b>5,500</b> | <b>6,500</b> | <b>6,500</b> | <b>71,557</b> |

### SANITARY SEWER SYSTEM - IMPROVEMENTS

**PROJECT #: 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      | 2021-22    | 2022-23    | 2023-24    | 2024-25    | 2025-26    | 2026-27    | FUTURE   | TOTAL        |
|--------------------------------------|------------|------------|------------|------------|------------|------------|------------|----------|--------------|
| Wastewater Special Construction Fund | 538        | 250        | 250        | 250        | 250        | 250        | 250        | 0        | 2,038        |
| <b>TOTAL REVENUES:</b>               | <b>538</b> | <b>250</b> | <b>250</b> | <b>250</b> | <b>250</b> | <b>250</b> | <b>250</b> | <b>0</b> | <b>2,038</b> |
| EXPENDITURE SCHEDULE:                | PRIOR      | 2021-22    | 2022-23    | 2023-24    | 2024-25    | 2025-26    | 2026-27    | FUTURE   | TOTAL        |
| Construction                         | 538        | 250        | 250        | 250        | 250        | 250        | 250        | 0        | 2,038        |
| <b>TOTAL EXPENDITURES:</b>           | <b>538</b> | <b>250</b> | <b>250</b> | <b>250</b> | <b>250</b> | <b>250</b> | <b>250</b> | <b>0</b> | <b>2,038</b> |

### WASTEWATER - CENTRAL MIAMI-DADE TRANSMISSION MAINS AND PUMP STATION IMPROVEMENTS

**PROJECT #: 9650241**

DESCRIPTION: Construct a force main crossing at Bear Cut, a force main at Flagler St from SW 37 Ave to SW 10 Ave and from Miami Beach to the Central District Wastewater Treatment Plant  
 LOCATION: Wastewater System - Central District Area District Located: Systemwide  
 City of Miami District(s) Served: Systemwide

| REVENUE SCHEDULE:             | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE   | TOTAL          |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------|----------------|
| Future WASD Revenue Bonds     | 0             | 2,502         | 9,804         | 18,000        | 22,500        | 18,000        | 13,500        | 0        | 84,306         |
| WASD Revenue Bonds Sold       | 28,658        | 0             | 0             | 0             | 0             | 0             | 0             | 0        | 28,658         |
| Wastewater Connection Charges | 900           | 1,000         | 374           | 0             | 0             | 0             | 0             | 0        | 2,274          |
| <b>TOTAL REVENUES:</b>        | <b>29,558</b> | <b>3,502</b>  | <b>10,178</b> | <b>18,000</b> | <b>22,500</b> | <b>18,000</b> | <b>13,500</b> | <b>0</b> | <b>115,237</b> |
| EXPENDITURE SCHEDULE:         | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE   | TOTAL          |
| Construction                  | 20,558        | 12,502        | 10,178        | 18,000        | 22,500        | 18,000        | 13,500        | 0        | 115,237        |
| <b>TOTAL EXPENDITURES:</b>    | <b>20,558</b> | <b>12,502</b> | <b>10,178</b> | <b>18,000</b> | <b>22,500</b> | <b>18,000</b> | <b>13,500</b> | <b>0</b> | <b>115,237</b> |

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### WASTEWATER - COLLECTION AND TRANSMISSION LINES CONSENT DECREE PROJECTS

PROJECT #: 968150

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

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



| REVENUE SCHEDULE:          | PRIOR         | 2021-22       | 2022-23      | 2023-24    | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL         |
|----------------------------|---------------|---------------|--------------|------------|----------|----------|----------|----------|---------------|
| Future WASD Revenue Bonds  | 0             | 0             | 4,992        | 875        | 0        | 0        | 0        | 0        | 5,867         |
| WASD Revenue Bonds Sold    | 90,436        | 0             | 0            | 0          | 0        | 0        | 0        | 0        | 90,436        |
| <b>TOTAL REVENUES:</b>     | <b>90,436</b> | <b>0</b>      | <b>4,992</b> | <b>875</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>96,303</b> |
| EXPENDITURE SCHEDULE:      | PRIOR         | 2021-22       | 2022-23      | 2023-24    | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL         |
| Construction               | 78,023        | 11,508        | 4,942        | 866        | 0        | 0        | 0        | 0        | 95,340        |
| Planning and Design        | 788           | 116           | 50           | 9          | 0        | 0        | 0        | 0        | 963           |
| <b>TOTAL EXPENDITURES:</b> | <b>78,812</b> | <b>11,624</b> | <b>4,992</b> | <b>875</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>96,303</b> |

### WASTEWATER - EQUIPMENT

PROJECT #: 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         | 2021-22      | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
|----------------------------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Wastewater Renewal Fund          | 55,609        | 8,256        | 11,000        | 11,000        | 11,000        | 11,000        | 15,000        | 15,000        | 137,865        |
| <b>TOTAL REVENUES:</b>           | <b>55,609</b> | <b>8,256</b> | <b>11,000</b> | <b>11,000</b> | <b>11,000</b> | <b>11,000</b> | <b>15,000</b> | <b>15,000</b> | <b>137,865</b> |
| EXPENDITURE SCHEDULE:            | PRIOR         | 2021-22      | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
| Furniture Fixtures and Equipment | 55,609        | 8,256        | 11,000        | 11,000        | 11,000        | 11,000        | 15,000        | 15,000        | 137,865        |
| <b>TOTAL EXPENDITURES:</b>       | <b>55,609</b> | <b>8,256</b> | <b>11,000</b> | <b>11,000</b> | <b>11,000</b> | <b>11,000</b> | <b>15,000</b> | <b>15,000</b> | <b>137,865</b> |

### WASTEWATER - NORTH MIAMI-DADE TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

PROJECT #: 9652101

DESCRIPTION: Provide infrastructure improvements to pump stations to increase system flexibility

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



| REVENUE SCHEDULE:             | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE       | TOTAL          |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|----------------|
| Future Subordinate Debt       | 3,807         | 5,982         | 0             | 0             | 0             | 0             | 0             | 0            | 9,789          |
| Future WASD Revenue Bonds     | 0             | 7,693         | 48,959        | 36,367        | 24,355        | 27,072        | 15,472        | 8,000        | 167,918        |
| WASD Revenue Bonds Sold       | 41,284        | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 41,284         |
| Wastewater Connection Charges | 3,385         | 3,118         | 4,280         | 547           | 0             | 0             | 0             | 0            | 11,329         |
| Wastewater Renewal Fund       | 442           | 0             | 0             | 0             | 0             | 0             | 0             | 0            | 442            |
| <b>TOTAL REVENUES:</b>        | <b>48,917</b> | <b>16,793</b> | <b>53,239</b> | <b>36,914</b> | <b>24,355</b> | <b>27,072</b> | <b>15,472</b> | <b>8,000</b> | <b>230,762</b> |
| EXPENDITURE SCHEDULE:         | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE       | TOTAL          |
| Construction                  | 28,598        | 33,826        | 50,577        | 35,068        | 23,138        | 25,718        | 14,698        | 7,600        | 219,223        |
| Planning and Design           | 1,505         | 1,781         | 2,662         | 1,846         | 1,218         | 1,354         | 774           | 400          | 11,539         |
| <b>TOTAL EXPENDITURES:</b>    | <b>30,103</b> | <b>35,607</b> | <b>53,239</b> | <b>36,914</b> | <b>24,355</b> | <b>27,072</b> | <b>15,472</b> | <b>8,000</b> | <b>230,762</b> |

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### WASTEWATER - OUTFALL LEGISLATION

**PROJECT #: 962670**

DESCRIPTION: Eliminate outfall flows to the ocean  
 LOCATION: Systemwide  
 Various Sites

District Located: Systemwide  
 District(s) Served: Systemwide



| REVENUE SCHEDULE:                       | PRIOR          | 2021-22       | 2022-23       | 2023-24        | 2024-25        | 2025-26        | 2026-27        | FUTURE         | TOTAL            |
|---|----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Future Subordinate Debt                 | 0              | 0             | 0             | 20,000         | 24,636         | 28,650         | 17,461         | 7,294          | 98,041           |
| Future WASD Revenue Bonds               | 0              | 0             | 13,299        | 111,051        | 214,847        | 209,794        | 159,910        | 105,188        | 814,089          |
| State Revolving Loan Wastewater Program | 30,004         | 12,000        | 0             | 0              | 0              | 0              | 0              | 0              | 42,004           |
| WASD Revenue Bonds Sold                 | 108,448        | 0             | 0             | 0              | 0              | 0              | 0              | 0              | 108,448          |
| WIFIA Loan                              | 32,273         | 30,586        | 13,886        | 26,589         | 53,154         | 25,123         | 0              | 0              | 181,612          |
| Wastewater Connection Charges           | 8,300          | 2,846         | 2,117         | 13,635         | 18,470         | 0              | 0              | 0              | 45,368           |
| Wastewater Special Construction Fund    | 5,955          | 3,257         | 43,141        | 22,118         | 15,000         | 15,001         | 18,116         | 25,020         | 147,608          |
| <b>TOTAL REVENUES:</b>                  | <b>184,980</b> | <b>48,689</b> | <b>72,444</b> | <b>193,393</b> | <b>326,108</b> | <b>278,568</b> | <b>195,487</b> | <b>137,502</b> | <b>1,437,170</b> |
| EXPENDITURE SCHEDULE:                   | PRIOR          | 2021-22       | 2022-23       | 2023-24        | 2024-25        | 2025-26        | 2026-27        | FUTURE         | TOTAL            |
| Construction                            | 155,471        | 66,516        | 68,821        | 183,724        | 309,802        | 264,639        | 185,713        | 130,627        | 1,365,313        |
| Land Acquisition/Improvements           | 1,637          | 700           | 724           | 1,934          | 3,815          | 2,786          | 1,955          | 1,375          | 14,926           |
| Planning and Design                     | 6,546          | 2,800         | 2,898         | 7,736          | 12,490         | 11,143         | 7,819          | 5,500          | 56,932           |
| <b>TOTAL EXPENDITURES:</b>              | <b>163,653</b> | <b>70,016</b> | <b>72,444</b> | <b>193,393</b> | <b>326,108</b> | <b>278,568</b> | <b>195,487</b> | <b>137,502</b> | <b>1,437,170</b> |

### WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS

**PROJECT #: 968750**

DESCRIPTION: Replace and/or install new wastewater pipelines in areas requiring service improvements  
 LOCATION: Various Sites  
 Various Sites

District Located: Systemwide  
 District(s) Served: Systemwide



| REVENUE SCHEDULE:             | PRIOR        | 2021-22      | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL         |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Wastewater Renewal Fund       | 7,111        | 3,000        | 3,000        | 3,000        | 3,000        | 3,000        | 3,000        | 3,000        | 28,111        |
| <b>TOTAL REVENUES:</b>        | <b>7,111</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>28,111</b> |
| EXPENDITURE SCHEDULE:         | PRIOR        | 2021-22      | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL         |
| Construction                  | 6,400        | 2,700        | 2,700        | 2,700        | 2,700        | 2,700        | 2,700        | 2,700        | 25,300        |
| Major Machinery and Equipment | 356          | 150          | 150          | 150          | 150          | 150          | 150          | 150          | 1,406         |
| Planning and Design           | 356          | 150          | 150          | 150          | 150          | 150          | 150          | 150          | 1,406         |
| <b>TOTAL EXPENDITURES:</b>    | <b>7,111</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>28,111</b> |



## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### WASTEWATER - REGIONAL GENERAL MAINTENANCE AND OFFICE FACILITIES

**PROJECT #: 9653201**

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

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

| REVENUE SCHEDULE:          | PRIOR        | 2021-22    | 2022-23    | 2023-24      | 2024-25      | 2025-26      | 2026-27    | FUTURE         | TOTAL          |
|----------------------------|--------------|------------|------------|--------------|--------------|--------------|------------|----------------|----------------|
| Future WASD Revenue Bonds  | 0            | 300        | 300        | 2,500        | 3,000        | 2,201        | 300        | 114,685        | 123,286        |
| WASD Revenue Bonds Sold    | 499          | 0          | 0          | 0            | 0            | 0            | 0          | 0              | 499            |
| Wastewater Renewal Fund    | 2,759        | 0          | 0          | 0            | 0            | 0            | 0          | 0              | 2,759          |
| <b>TOTAL REVENUES:</b>     | <b>3,259</b> | <b>300</b> | <b>300</b> | <b>2,500</b> | <b>3,000</b> | <b>2,201</b> | <b>300</b> | <b>114,685</b> | <b>126,545</b> |
| EXPENDITURE SCHEDULE:      | PRIOR        | 2021-22    | 2022-23    | 2023-24      | 2024-25      | 2025-26      | 2026-27    | FUTURE         | TOTAL          |
| Construction               | 2,998        | 276        | 276        | 2,300        | 2,760        | 1,985        | 276        | 105,527        | 116,397        |
| Planning and Design        | 261          | 24         | 24         | 200          | 240          | 216          | 24         | 9,159          | 10,148         |
| <b>TOTAL EXPENDITURES:</b> | <b>3,259</b> | <b>300</b> | <b>300</b> | <b>2,500</b> | <b>3,000</b> | <b>2,201</b> | <b>300</b> | <b>114,685</b> | <b>126,545</b> |

### WASTEWATER - SOUTH DISTRICT TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

**PROJECT #: 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      | 2021-22      | 2022-23      | 2023-24       | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL         |
|-------------------------------|------------|--------------|--------------|---------------|----------|----------|----------|----------|---------------|
| Future WASD Revenue Bonds     | 0          | 2,299        | 7,500        | 10,621        | 0        | 0        | 0        | 0        | 20,420        |
| WASD Revenue Bonds Sold       | 100        | 0            | 0            | 0             | 0        | 0        | 0        | 0        | 100           |
| <b>TOTAL REVENUES:</b>        | <b>100</b> | <b>2,299</b> | <b>7,500</b> | <b>10,621</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>20,520</b> |
| EXPENDITURE SCHEDULE:         | PRIOR      | 2021-22      | 2022-23      | 2023-24       | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL         |
| Construction                  | 90         | 2,069        | 6,750        | 9,559         | 0        | 0        | 0        | 0        | 18,468        |
| Land Acquisition/Improvements | 2          | 46           | 150          | 212           | 0        | 0        | 0        | 0        | 410           |
| Planning and Design           | 8          | 184          | 600          | 850           | 0        | 0        | 0        | 0        | 1,642         |
| <b>TOTAL EXPENDITURES:</b>    | <b>100</b> | <b>2,299</b> | <b>7,500</b> | <b>10,621</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>20,520</b> |

### WASTEWATER - SYSTEM MAINTENANCE AND UPGRADES

**PROJECT #: 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         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Wastewater Renewal Fund       | 37,914        | 16,500        | 11,135        | 17,000        | 17,000        | 17,000        | 12,000        | 12,000        | 140,548        |
| <b>TOTAL REVENUES:</b>        | <b>37,914</b> | <b>16,500</b> | <b>11,135</b> | <b>17,000</b> | <b>17,000</b> | <b>17,000</b> | <b>12,000</b> | <b>12,000</b> | <b>140,548</b> |
| EXPENDITURE SCHEDULE:         | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
| Construction                  | 7,083         | 3,627         | 2,400         | 3,400         | 3,400         | 3,400         | 2,400         | 2,400         | 28,109         |
| Major Machinery and Equipment | 28,331        | 14,508        | 9,600         | 13,600        | 13,600        | 13,600        | 9,600         | 9,600         | 112,439        |
| <b>TOTAL EXPENDITURES:</b>    | <b>35,414</b> | <b>18,135</b> | <b>12,000</b> | <b>17,000</b> | <b>17,000</b> | <b>17,000</b> | <b>12,000</b> | <b>12,000</b> | <b>140,548</b> |

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### WASTEWATER - TELEMETERING SYSTEM

**PROJECT #: 9652481**

DESCRIPTION: Install a 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        | 2021-22    | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL        |
|----------------------------|--------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Wastewater Renewal Fund    | 1,552        | 500        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 8,052        |
| <b>TOTAL REVENUES:</b>     | <b>1,552</b> | <b>500</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>8,052</b> |
| EXPENDITURE SCHEDULE:      | PRIOR        | 2021-22    | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL        |
| Construction               | 1,431        | 500        | 1,121        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 8,052        |
| <b>TOTAL EXPENDITURES:</b> | <b>1,431</b> | <b>500</b> | <b>1,121</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>8,052</b> |

### WASTEWATER TREATMENT PLANT - CENTRAL DISTRICT UPGRADES

**PROJECT #: 9653421**

DESCRIPTION: Construct digester improvements, digested sludge holding tanks, electrical improvements, 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         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Future Subordinate Debt       | 0             | 0             | 0             | 10,000        | 12,000        | 38,645        | 35,435        | 30,661        | 126,741        |
| Future WASD Revenue Bonds     | 0             | 3,958         | 13,543        | 10,344        | 690           | 0             | 0             | 9,000         | 37,534         |
| WASD Revenue Bonds Sold       | 13,762        | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 13,762         |
| WIFIA Loan                    | 1,323         | 1,378         | 507           | 5,189         | 13,031        | 14,978        | 10,000        | 13,000        | 59,405         |
| Wastewater Connection Charges | 157           | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 157            |
| Wastewater Renewal Fund       | 0             | 0             | 1,000         | 0             | 0             | 0             | 0             | 0             | 1,000          |
| <b>TOTAL REVENUES:</b>        | <b>15,242</b> | <b>5,336</b>  | <b>15,049</b> | <b>25,533</b> | <b>25,721</b> | <b>53,623</b> | <b>45,435</b> | <b>52,661</b> | <b>238,600</b> |
| EXPENDITURE SCHEDULE:         | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
| Construction                  | 5,785         | 13,324        | 13,808        | 23,746        | 23,920        | 49,869        | 42,254        | 48,975        | 221,681        |
| Planning and Design           | 467           | 1,002         | 1,242         | 1,787         | 1,800         | 3,754         | 3,180         | 3,686         | 16,919         |
| <b>TOTAL EXPENDITURES:</b>    | <b>6,252</b>  | <b>14,326</b> | <b>15,049</b> | <b>25,533</b> | <b>25,721</b> | <b>53,623</b> | <b>45,435</b> | <b>52,661</b> | <b>238,600</b> |

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### WASTEWATER TREATMENT PLANT - NORTH DISTRICT UPGRADES

**PROJECT #: 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  
North Miami

District Located: 4  
District(s) Served: Systemwide



| REVENUE SCHEDULE:          | PRIOR         | 2021-22      | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
|----------------------------|---------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Future Subordinate Debt    | 0             | 0            | 0             | 0             | 0             | 0             | 18,773        | 12,500        | 31,273         |
| Future WASD Revenue Bonds  | 0             | 6,278        | 2,857         | 13,495        | 7,000         | 0             | 0             | 0             | 29,630         |
| WASD Revenue Bonds Sold    | 3,561         | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 3,561          |
| WIFIA Loan                 | 0             | 778          | 3,919         | 9,797         | 25,613        | 39,551        | 8,727         | 0             | 88,385         |
| Wastewater Renewal Fund    | 14,926        | 0            | 0             | 0             | 0             | 0             | 0             | 0             | 14,926         |
| <b>TOTAL REVENUES:</b>     | <b>18,487</b> | <b>7,056</b> | <b>6,775</b>  | <b>23,292</b> | <b>32,613</b> | <b>39,551</b> | <b>27,500</b> | <b>12,500</b> | <b>167,774</b> |
| EXPENDITURE SCHEDULE:      | PRIOR         | 2021-22      | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
| Construction               | 4,352         | 6,820        | 20,035        | 22,300        | 30,866        | 37,177        | 26,413        | 12,125        | 160,089        |
| Planning and Design        | 135           | 235          | 742           | 993           | 1,747         | 2,373         | 1,087         | 375           | 7,686          |
| <b>TOTAL EXPENDITURES:</b> | <b>4,487</b>  | <b>7,055</b> | <b>20,776</b> | <b>23,292</b> | <b>32,613</b> | <b>39,551</b> | <b>27,500</b> | <b>12,500</b> | <b>167,774</b> |

### WASTEWATER TREATMENT PLANT - SOUTH DISTRICT EXPANSION (PHASE 3)

**PROJECT #: 9655481**

DESCRIPTION: Install emergency generators and expand the South District Wastewater Plant and injection wells

LOCATION: 8950 SW 232 St  
Unincorporated Miami-Dade County

District Located: 8  
District(s) Served: Systemwide



| REVENUE SCHEDULE:             | PRIOR        | 2021-22      | 2022-23    | 2023-24  | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL         |
|-------------------------------|--------------|--------------|------------|----------|----------|----------|----------|----------|---------------|
| Future WASD Revenue Bonds     | 0            | 3,500        | 700        | 0        | 0        | 0        | 0        | 0        | 4,200         |
| WASD Revenue Bonds Sold       | 4,931        | 0            | 0          | 0        | 0        | 0        | 0        | 0        | 4,931         |
| Wastewater Connection Charges | 391          | 0            | 0          | 0        | 0        | 0        | 0        | 0        | 391           |
| Wastewater Renewal Fund       | 725          | 0            | 0          | 0        | 0        | 0        | 0        | 0        | 725           |
| <b>TOTAL REVENUES:</b>        | <b>6,047</b> | <b>3,500</b> | <b>700</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>10,247</b> |
| EXPENDITURE SCHEDULE:         | PRIOR        | 2021-22      | 2022-23    | 2023-24  | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL         |
| Construction                  | 6,047        | 3,500        | 700        | 0        | 0        | 0        | 0        | 0        | 10,247        |
| <b>TOTAL EXPENDITURES:</b>    | <b>6,047</b> | <b>3,500</b> | <b>700</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>10,247</b> |

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### WASTEWATER TREATMENT PLANT - SOUTH DISTRICT UPGRADES

**PROJECT #: 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    District Located:    8  
 Unincorporated Miami-Dade County    District(s) Served:    Systemwide

| REVENUE SCHEDULE:             | PRIOR        | 2021-22      | 2022-23       | 2023-24       | 2024-25      | 2025-26    | 2026-27    | FUTURE        | TOTAL         |
|-------------------------------|--------------|--------------|---------------|---------------|--------------|------------|------------|---------------|---------------|
| Future WASD Revenue Bonds     | 0            | 2,941        | 13,594        | 17,827        | 8,006        | 200        | 300        | 33,678        | 76,546        |
| WASD Revenue Bonds Sold       | 1,285        | 0            | 0             | 0             | 0            | 0          | 0          | 0             | 1,285         |
| Wastewater Connection Charges | 183          | 398          | 0             | 0             | 0            | 0          | 0          | 0             | 581           |
| <b>TOTAL REVENUES:</b>        | <b>1,468</b> | <b>3,339</b> | <b>13,594</b> | <b>17,827</b> | <b>8,006</b> | <b>200</b> | <b>300</b> | <b>33,678</b> | <b>78,411</b> |
| EXPENDITURE SCHEDULE:         | PRIOR        | 2021-22      | 2022-23       | 2023-24       | 2024-25      | 2025-26    | 2026-27    | FUTURE        | TOTAL         |
| Construction                  | 1,367        | 3,109        | 12,642        | 16,579        | 7,446        | 186        | 279        | 31,285        | 72,893        |
| Planning and Design           | 101          | 230          | 952           | 1,248         | 560          | 14         | 21         | 2,392         | 5,518         |
| <b>TOTAL EXPENDITURES:</b>    | <b>1,468</b> | <b>3,339</b> | <b>13,594</b> | <b>17,827</b> | <b>8,006</b> | <b>200</b> | <b>300</b> | <b>33,678</b> | <b>78,411</b> |

### WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

**PROJECT #: 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          | 2021-22        | 2022-23        | 2023-24        | 2024-25       | 2025-26       | 2026-27       | FUTURE       | TOTAL            |
|-------------------------------|----------------|----------------|----------------|----------------|---------------|---------------|---------------|--------------|------------------|
| Future WASD Revenue Bonds     | 0              | 0              | 147,486        | 121,213        | 90,193        | 40,338        | 13,124        | 5,363        | 417,718          |
| WASD Revenue Bonds Sold       | 893,927        | 0              | 0              | 0              | 0             | 0             | 0             | 0            | 893,927          |
| Wastewater Connection Charges | 3,002          | 3,544          | 5,338          | 0              | 0             | 0             | 0             | 0            | 11,884           |
| Wastewater Renewal Fund       | 11,240         | 0              | 0              | 0              | 0             | 0             | 0             | 0            | 11,240           |
| <b>TOTAL REVENUES:</b>        | <b>908,168</b> | <b>3,544</b>   | <b>152,825</b> | <b>121,213</b> | <b>90,193</b> | <b>40,338</b> | <b>13,124</b> | <b>5,363</b> | <b>1,334,769</b> |
| EXPENDITURE SCHEDULE:         | PRIOR          | 2021-22        | 2022-23        | 2023-24        | 2024-25       | 2025-26       | 2026-27       | FUTURE       | TOTAL            |
| Construction                  | 682,120        | 183,941        | 145,130        | 115,152        | 85,683        | 38,321        | 12,468        | 5,095        | 1,267,911        |
| Planning and Design           | 35,933         | 9,719          | 7,695          | 6,061          | 4,510         | 2,017         | 656           | 268          | 66,858           |
| <b>TOTAL EXPENDITURES:</b>    | <b>718,052</b> | <b>193,660</b> | <b>152,825</b> | <b>121,213</b> | <b>90,193</b> | <b>40,338</b> | <b>13,124</b> | <b>5,363</b> | <b>1,334,769</b> |

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### WASTEWATER TREATMENT PLANTS - MISCELLANEOUS UPGRADES

**PROJECT #:** 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        | 2021-22      | 2022-23  | 2023-24  | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL        |
|----------------------------|--------------|--------------|----------|----------|----------|----------|----------|----------|--------------|
| Future WASD Revenue Bonds  | 0            | 2,482        | 0        | 0        | 0        | 0        | 0        | 0        | 2,482        |
| WASD Revenue Bonds Sold    | 2,160        | 0            | 0        | 0        | 0        | 0        | 0        | 0        | 2,160        |
| <b>TOTAL REVENUES:</b>     | <b>2,160</b> | <b>2,482</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>4,642</b> |
| EXPENDITURE SCHEDULE:      | PRIOR        | 2021-22      | 2022-23  | 2023-24  | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL        |
| Construction               | 2,031        | 2,333        | 0        | 0        | 0        | 0        | 0        | 0        | 4,364        |
| Planning and Design        | 130          | 149          | 0        | 0        | 0        | 0        | 0        | 0        | 279          |
| <b>TOTAL EXPENDITURES:</b> | <b>2,160</b> | <b>2,482</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>4,642</b> |

### WASTEWATER TREATMENT PLANTS - REPLACEMENT AND RENOVATION

**PROJECT #:** 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         | 2021-22       | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL          |
|--------------------------------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| Wastewater Renewal Fund              | 52,384        | 15,744        | 9,000        | 9,000        | 9,000        | 9,000        | 9,000        | 9,000        | 122,128        |
| Wastewater Special Construction Fund | 3,236         | 0             | 0            | 0            | 0            | 0            | 0            | 0            | 3,236          |
| <b>TOTAL REVENUES:</b>               | <b>55,620</b> | <b>15,744</b> | <b>9,000</b> | <b>9,000</b> | <b>9,000</b> | <b>9,000</b> | <b>9,000</b> | <b>9,000</b> | <b>125,364</b> |
| EXPENDITURE SCHEDULE:                | PRIOR         | 2021-22       | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL          |
| Construction                         | 49,527        | 18,269        | 8,550        | 8,550        | 8,550        | 8,550        | 8,550        | 8,550        | 119,096        |
| Major Machinery and Equipment        | 521           | 192           | 90           | 90           | 90           | 90           | 90           | 90           | 1,253          |
| Planning and Design                  | 2,086         | 769           | 360          | 360          | 360          | 360          | 360          | 360          | 5,015          |
| <b>TOTAL EXPENDITURES:</b>           | <b>52,134</b> | <b>19,230</b> | <b>9,000</b> | <b>9,000</b> | <b>9,000</b> | <b>9,000</b> | <b>9,000</b> | <b>9,000</b> | <b>125,364</b> |

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

**WASTEWATER - INFRASTRUCTURE IMPROVEMENTS (BUILDING BETTER COMMUNITIES BOND PROGRAM) PROJECT #: 200001494**

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 District Located: Countywide  
 Various Sites District(s) Served: Countywide

| REVENUE SCHEDULE:          | PRIOR    | 2021-22      | 2022-23      | 2023-24      | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL         |
|----------------------------|----------|--------------|--------------|--------------|----------|----------|----------|----------|---------------|
| BBC GOB Financing          | 0        | 5,000        | 5,000        | 5,000        | 0        | 0        | 0        | 0        | 15,000        |
| <b>TOTAL REVENUES:</b>     | <b>0</b> | <b>5,000</b> | <b>5,000</b> | <b>5,000</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>15,000</b> |
| EXPENDITURE SCHEDULE:      | PRIOR    | 2021-22      | 2022-23      | 2023-24      | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL         |
| Construction               | 0        | 5,000        | 5,000        | 5,000        | 0        | 0        | 0        | 0        | 15,000        |
| <b>TOTAL EXPENDITURES:</b> | <b>0</b> | <b>5,000</b> | <b>5,000</b> | <b>5,000</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>15,000</b> |

**WATER - CENTRAL MIAMI-DADE TRANSMISSION MAINS IMPROVEMENTS PROJECT #: 9654041**

DESCRIPTION: Replace various low-pressure water mains and install a 20-inch water main at railroad crossings via microtunneling method

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

| REVENUE SCHEDULE:                  | PRIOR      | 2021-22    | 2022-23    | 2023-24      | 2024-25      | 2025-26      | 2026-27  | FUTURE   | TOTAL         |
|------------------------------------|------------|------------|------------|--------------|--------------|--------------|----------|----------|---------------|
| Future WASD Revenue Bonds          | 0          | 0          | 700        | 1,000        | 4,220        | 4,271        | 0        | 0        | 10,191        |
| WASD Revenue Bonds Sold            | 254        | 0          | 0          | 0            | 0            | 0            | 0        | 0        | 254           |
| Water Renewal and Replacement Fund | 266        | 0          | 0          | 0            | 0            | 0            | 0        | 0        | 266           |
| <b>TOTAL REVENUES:</b>             | <b>520</b> | <b>0</b>   | <b>700</b> | <b>1,000</b> | <b>4,220</b> | <b>4,271</b> | <b>0</b> | <b>0</b> | <b>10,711</b> |
| EXPENDITURE SCHEDULE:              | PRIOR      | 2021-22    | 2022-23    | 2023-24      | 2024-25      | 2025-26      | 2026-27  | FUTURE   | TOTAL         |
| Construction                       | 258        | 241        | 665        | 950          | 4,009        | 4,058        | 0        | 0        | 10,180        |
| Planning and Design                | 8          | 13         | 35         | 50           | 211          | 214          | 0        | 0        | 531           |
| <b>TOTAL EXPENDITURES:</b>         | <b>266</b> | <b>254</b> | <b>700</b> | <b>1,000</b> | <b>4,220</b> | <b>4,271</b> | <b>0</b> | <b>0</b> | <b>10,711</b> |

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### WATER - DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

**PROJECT #: 9653311**

DESCRIPTION: Install various water mains throughout the distribution system  
 LOCATION: Systemwide District Located: Systemwide  
 Various Sites District(s) Served: Systemwide

| REVENUE SCHEDULE:                  | PRIOR          | 2021-22       | 2022-23       | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL          |
|------------------------------------|----------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|----------------|
| Fire Hydrant Fund                  | 11             | 0             | 0             | 0            | 0            | 0            | 0            | 0            | 11             |
| Future WASD Revenue Bonds          | 0              | 0             | 3,040         | 2,000        | 0            | 0            | 0            | 0            | 5,040          |
| WASD Revenue Bonds Sold            | 45,558         | 0             | 0             | 0            | 0            | 0            | 0            | 0            | 45,558         |
| Water Connection Charges           | 356            | 356           | 355           | 0            | 0            | 0            | 0            | 0            | 1,067          |
| Water Renewal and Replacement Fund | 54,587         | 8,657         | 6,500         | 6,500        | 6,500        | 6,500        | 6,500        | 6,500        | 102,244        |
| Water Special Construction Fund    | 12,822         | 0             | 0             | 0            | 0            | 0            | 0            | 0            | 12,822         |
| <b>TOTAL REVENUES:</b>             | <b>113,334</b> | <b>9,013</b>  | <b>9,895</b>  | <b>8,500</b> | <b>6,500</b> | <b>6,500</b> | <b>6,500</b> | <b>6,500</b> | <b>166,742</b> |
| EXPENDITURE SCHEDULE:              | PRIOR          | 2021-22       | 2022-23       | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL          |
| Construction                       | 87,956         | 15,341        | 22,694        | 8,730        | 6,790        | 6,790        | 7,275        | 6,305        | 161,881        |
| Planning and Design                | 2,720          | 329           | 702           | 270          | 210          | 210          | 225          | 195          | 4,861          |
| <b>TOTAL EXPENDITURES:</b>         | <b>90,677</b>  | <b>15,670</b> | <b>23,395</b> | <b>9,000</b> | <b>7,000</b> | <b>7,000</b> | <b>7,500</b> | <b>6,500</b> | <b>166,742</b> |

### WATER - EQUIPMENT

**PROJECT #: 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         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE         | TOTAL          |
|------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|----------------|
| Future WASD Revenue Bonds          | 0             | 0             | 2,500         | 2,500         | 2,500         | 2,500         | 3,500         | 102,500        | 116,000        |
| WASD Revenue Bonds Sold            | 4,000         | 0             | 0             | 0             | 0             | 0             | 0             | 0              | 4,000          |
| Water Renewal and Replacement Fund | 50,037        | 7,372         | 8,000         | 8,000         | 8,000         | 8,000         | 8,000         | 8,000          | 105,410        |
| <b>TOTAL REVENUES:</b>             | <b>54,037</b> | <b>7,372</b>  | <b>10,500</b> | <b>10,500</b> | <b>10,500</b> | <b>10,500</b> | <b>11,500</b> | <b>110,500</b> | <b>225,410</b> |
| EXPENDITURE SCHEDULE:              | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE         | TOTAL          |
| Furniture Fixtures and Equipment   | 34,316        | 11,593        | 26,001        | 10,500        | 10,500        | 10,500        | 11,500        | 110,500        | 225,410        |
| <b>TOTAL EXPENDITURES:</b>         | <b>34,316</b> | <b>11,593</b> | <b>26,001</b> | <b>10,500</b> | <b>10,500</b> | <b>10,500</b> | <b>11,500</b> | <b>110,500</b> | <b>225,410</b> |

### WATER - FIRE HYDRANT INSTALLATION

**PROJECT #: 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        | 2021-22      | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL         |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Fire Hydrant Fund          | 2,753        | 2,500        | 2,500        | 2,500        | 2,500        | 2,500        | 2,500        | 2,500        | 20,253        |
| <b>TOTAL REVENUES:</b>     | <b>2,753</b> | <b>2,500</b> | <b>2,500</b> | <b>2,500</b> | <b>2,500</b> | <b>2,500</b> | <b>2,500</b> | <b>2,500</b> | <b>20,253</b> |
| EXPENDITURE SCHEDULE:      | PRIOR        | 2021-22      | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL         |
| Construction               | 2,753        | 2,500        | 2,500        | 2,500        | 2,500        | 2,500        | 2,500        | 2,500        | 20,253        |
| <b>TOTAL EXPENDITURES:</b> | <b>2,753</b> | <b>2,500</b> | <b>2,500</b> | <b>2,500</b> | <b>2,500</b> | <b>2,500</b> | <b>2,500</b> | <b>2,500</b> | <b>20,253</b> |

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### WATER - MAIN EXTENSIONS

**PROJECT #: 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        | 2021-22    | 2022-23    | 2023-24    | 2024-25    | 2025-26    | 2026-27    | FUTURE   | TOTAL        |
|---------------------------------|--------------|------------|------------|------------|------------|------------|------------|----------|--------------|
| Water Special Construction Fund | 1,166        | 200        | 200        | 200        | 200        | 200        | 200        | 0        | 2,366        |
| <b>TOTAL REVENUES:</b>          | <b>1,166</b> | <b>200</b> | <b>200</b> | <b>200</b> | <b>200</b> | <b>200</b> | <b>200</b> | <b>0</b> | <b>2,366</b> |
| EXPENDITURE SCHEDULE:           | PRIOR        | 2021-22    | 2022-23    | 2023-24    | 2024-25    | 2025-26    | 2026-27    | FUTURE   | TOTAL        |
| Construction                    | 840          | 144        | 144        | 144        | 144        | 144        | 144        | 0        | 1,704        |
| Planning and Design             | 327          | 56         | 56         | 56         | 56         | 56         | 56         | 0        | 663          |
| <b>TOTAL EXPENDITURES:</b>      | <b>1,166</b> | <b>200</b> | <b>200</b> | <b>200</b> | <b>200</b> | <b>200</b> | <b>200</b> | <b>0</b> | <b>2,366</b> |

### WATER - MIAMI SPRINGS CONSTRUCTION FUND

**PROJECT #: 965450**

DESCRIPTION: Repair and/or replace water transmission pipes in Miami Springs  
 LOCATION: Miami Springs District Located: 6  
 Miami Springs District(s) Served: 6



| REVENUE SCHEDULE:                     | PRIOR         | 2021-22    | 2022-23  | 2023-24  | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL         |
|---------------------------------------|---------------|------------|----------|----------|----------|----------|----------|----------|---------------|
| Miami Springs Water Construction Fund | 12,800        | 508        | 0        | 0        | 0        | 0        | 0        | 0        | 13,308        |
| <b>TOTAL REVENUES:</b>                | <b>12,800</b> | <b>508</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>13,308</b> |
| EXPENDITURE SCHEDULE:                 | PRIOR         | 2021-22    | 2022-23  | 2023-24  | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL         |
| Construction                          | 12,800        | 508        | 0        | 0        | 0        | 0        | 0        | 0        | 13,308        |
| <b>TOTAL EXPENDITURES:</b>            | <b>12,800</b> | <b>508</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>13,308</b> |

### WATER - NORTH MIAMI-DADE TRANSMISSION MAIN IMPROVEMENTS

**PROJECT #: 9654031**

DESCRIPTION: Install 36-inch water main along NW 87 Ave to improve transmission capabilities in the north central area of the county and a 48-inch water main connection to the Carol City tank  
 LOCATION: North Miami-Dade County Area District Located: Systemwide  
 Miami Gardens District(s) Served: Systemwide



| REVENUE SCHEDULE:                  | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25      | 2025-26      | 2026-27  | FUTURE   | TOTAL         |
|------------------------------------|---------------|---------------|---------------|---------------|--------------|--------------|----------|----------|---------------|
| Future WASD Revenue Bonds          | 0             | 0             | 14,526        | 14,869        | 8,386        | 4,000        | 0        | 0        | 41,781        |
| WASD Revenue Bonds Sold            | 15,270        | 0             | 0             | 0             | 0            | 0            | 0        | 0        | 15,270        |
| Water Connection Charges           | 24,672        | 500           | 0             | 0             | 0            | 0            | 0        | 0        | 25,172        |
| Water Renewal and Replacement Fund | 335           | 0             | 0             | 0             | 0            | 0            | 0        | 0        | 335           |
| <b>TOTAL REVENUES:</b>             | <b>40,277</b> | <b>500</b>    | <b>14,526</b> | <b>14,869</b> | <b>8,386</b> | <b>4,000</b> | <b>0</b> | <b>0</b> | <b>82,558</b> |
| EXPENDITURE SCHEDULE:              | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25      | 2025-26      | 2026-27  | FUTURE   | TOTAL         |
| Construction                       | 28,275        | 10,874        | 13,945        | 14,274        | 8,051        | 3,840        | 0        | 0        | 79,259        |
| Planning and Design                | 1,175         | 453           | 581           | 595           | 335          | 160          | 0        | 0        | 3,299         |
| <b>TOTAL EXPENDITURES:</b>         | <b>29,450</b> | <b>11,327</b> | <b>14,526</b> | <b>14,869</b> | <b>8,386</b> | <b>4,000</b> | <b>0</b> | <b>0</b> | <b>82,558</b> |



## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### WATER - PIPES AND INFRASTRUCTURE PROJECTS

**PROJECT #: 967190**

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

| REVENUE SCHEDULE:                  | PRIOR         | 2021-22       | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL         |
|------------------------------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Future WASD Revenue Bonds          | 0             | 0             | 2,492        | 0            | 0            | 0            | 0            | 0            | 2,492         |
| WASD Revenue Bonds Sold            | 25,759        | 0             | 0            | 0            | 0            | 0            | 0            | 0            | 25,759        |
| Water Renewal and Replacement Fund | 34,421        | 0             | 3,000        | 3,000        | 3,000        | 3,000        | 3,000        | 3,000        | 52,421        |
| Water Special Construction Fund    | 148           | 0             | 0            | 0            | 0            | 0            | 0            | 0            | 148           |
| <b>TOTAL REVENUES:</b>             | <b>60,328</b> | <b>0</b>      | <b>5,492</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>80,820</b> |
| EXPENDITURE SCHEDULE:              | PRIOR         | 2021-22       | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL         |
| Construction                       | 44,081        | 15,039        | 5,382        | 2,940        | 2,940        | 2,940        | 2,940        | 2,940        | 79,202        |
| Planning and Design                | 901           | 307           | 110          | 60           | 60           | 60           | 60           | 60           | 1,618         |
| <b>TOTAL EXPENDITURES:</b>         | <b>44,982</b> | <b>15,346</b> | <b>5,492</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>80,820</b> |

### WATER - REGIONAL GENERAL MAINTENANCE AND OFFICE FACILITIES

**PROJECT #: 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      | 2021-22  | 2022-23  | 2023-24  | 2024-25  | 2025-26  | 2026-27      | FUTURE        | TOTAL         |
|----------------------------|------------|----------|----------|----------|----------|----------|--------------|---------------|---------------|
| Future WASD Revenue Bonds  | 0          | 0        | 0        | 0        | 0        | 0        | 9,667        | 38,352        | 48,018        |
| WASD Revenue Bonds Sold    | 396        | 0        | 0        | 0        | 0        | 0        | 0            | 0             | 396           |
| <b>TOTAL REVENUES:</b>     | <b>396</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>9,667</b> | <b>38,352</b> | <b>48,414</b> |
| EXPENDITURE SCHEDULE:      | PRIOR      | 2021-22  | 2022-23  | 2023-24  | 2024-25  | 2025-26  | 2026-27      | FUTURE        | TOTAL         |
| Construction               | 396        | 0        | 0        | 0        | 0        | 0        | 9,667        | 38,352        | 48,414        |
| <b>TOTAL EXPENDITURES:</b> | <b>396</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>9,667</b> | <b>38,352</b> | <b>48,414</b> |

### WATER - SAFE DRINKING WATER ACT MODIFICATIONS

**PROJECT #: 9654061**

DESCRIPTION: Modify water treatment to comply with Surface Water Treatment and Disinfectant/Disinfection By Product (D-DBP) regulations  
 LOCATION: Systemwide District Located: Systemwide  
 Various Sites District(s) Served: Systemwide

| REVENUE SCHEDULE:                  | PRIOR         | 2021-22      | 2022-23       | 2023-24       | 2024-25       | 2025-26      | 2026-27      | FUTURE   | TOTAL          |
|------------------------------------|---------------|--------------|---------------|---------------|---------------|--------------|--------------|----------|----------------|
| Future WASD Revenue Bonds          | 0             | 0            | 58,001        | 15,283        | 10,576        | 4,500        | 2,500        | 0        | 90,861         |
| WASD Revenue Bonds Sold            | 9,690         | 0            | 0             | 0             | 0             | 0            | 0            | 0        | 9,690          |
| Water Connection Charges           | 23,813        | 161          | 1,510         | 1,161         | 1,161         | 0            | 0            | 0        | 27,806         |
| Water Renewal and Replacement Fund | 2,901         | 0            | 0             | 0             | 0             | 0            | 0            | 0        | 2,901          |
| <b>TOTAL REVENUES:</b>             | <b>36,404</b> | <b>161</b>   | <b>59,511</b> | <b>16,444</b> | <b>11,738</b> | <b>4,500</b> | <b>2,500</b> | <b>0</b> | <b>131,258</b> |
| EXPENDITURE SCHEDULE:              | PRIOR         | 2021-22      | 2022-23       | 2023-24       | 2024-25       | 2025-26      | 2026-27      | FUTURE   | TOTAL          |
| Construction                       | 8,111         | 3,770        | 76,509        | 15,129        | 10,799        | 4,140        | 2,300        | 0        | 120,757        |
| Planning and Design                | 705           | 328          | 6,653         | 1,316         | 939           | 360          | 200          | 0        | 10,501         |
| <b>TOTAL EXPENDITURES:</b>         | <b>8,816</b>  | <b>4,098</b> | <b>83,162</b> | <b>16,444</b> | <b>11,738</b> | <b>4,500</b> | <b>2,500</b> | <b>0</b> | <b>131,258</b> |

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

**WATER - SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM**

**PROJECT #: 200000072**

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

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

| REVENUE SCHEDULE:             | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Fire Hydrant Fund             | 753           | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 753            |
| Future WASD Revenue Bonds     | 0             | 0             | 25,891        | 28,820        | 31,713        | 32,413        | 36,313        | 79,125        | 234,275        |
| WASD Revenue Bonds Sold       | 85,626        | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 85,626         |
| Water Connection Charges      | 1,889         | 687           | 1,288         | 1,287         | 1,287         | 1,287         | 1,287         | 0             | 9,013          |
| Water Renewal and Replacement | 964           | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 964            |
| Fund                          |               |               |               |               |               |               |               |               |                |
| <b>TOTAL REVENUES:</b>        | <b>89,232</b> | <b>687</b>    | <b>27,179</b> | <b>30,108</b> | <b>33,001</b> | <b>33,700</b> | <b>37,600</b> | <b>79,125</b> | <b>330,631</b> |
| EXPENDITURE SCHEDULE:         | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
| Construction                  | 65,992        | 19,497        | 25,845        | 28,628        | 31,376        | 32,041        | 35,746        | 75,169        | 314,294        |
| Planning and Design           | 3,418         | 1,012         | 1,333         | 1,480         | 1,624         | 1,659         | 1,854         | 3,956         | 16,337         |
| <b>TOTAL EXPENDITURES:</b>    | <b>69,410</b> | <b>20,509</b> | <b>27,179</b> | <b>30,108</b> | <b>33,001</b> | <b>33,700</b> | <b>37,600</b> | <b>79,125</b> | <b>330,631</b> |

**WATER - SOUTH MIAMI-DADE TRANSMISSION MAINS IMPROVEMENTS**

**PROJECT #: 9650021**

DESCRIPTION: Construct various water transmission mains to service the south Miami-Dade County are 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      | 2021-22    | 2022-23      | 2023-24    | 2024-25    | 2025-26  | 2026-27  | FUTURE   | TOTAL        |
|----------------------------|------------|------------|--------------|------------|------------|----------|----------|----------|--------------|
| Future WASD Revenue Bonds  | 0          | 0          | 3,735        | 149        | 450        | 0        | 0        | 0        | 4,334        |
| WASD Revenue Bonds Sold    | 829        | 0          | 0            | 0          | 0          | 0        | 0        | 0        | 829          |
| <b>TOTAL REVENUES:</b>     | <b>829</b> | <b>0</b>   | <b>3,735</b> | <b>149</b> | <b>450</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>5,163</b> |
| EXPENDITURE SCHEDULE:      | PRIOR      | 2021-22    | 2022-23      | 2023-24    | 2024-25    | 2025-26  | 2026-27  | FUTURE   | TOTAL        |
| Construction               | 356        | 332        | 3,100        | 123        | 374        | 0        | 0        | 0        | 4,286        |
| Planning and Design        | 73         | 68         | 635          | 25         | 77         | 0        | 0        | 0        | 878          |
| <b>TOTAL EXPENDITURES:</b> | <b>429</b> | <b>400</b> | <b>3,735</b> | <b>149</b> | <b>450</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>5,163</b> |

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### WATER - SYSTEM MAINTENANCE AND UPGRADES

**PROJECT #: 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         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
|------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Water Renewal and Replacement Fund | 51,389        | 20,000        | 19,304        | 20,000        | 20,000        | 20,000        | 20,000        | 20,000        | 190,693        |
| <b>TOTAL REVENUES:</b>             | <b>51,389</b> | <b>20,000</b> | <b>19,304</b> | <b>20,000</b> | <b>20,000</b> | <b>20,000</b> | <b>20,000</b> | <b>20,000</b> | <b>190,693</b> |
| EXPENDITURE SCHEDULE:              | PRIOR         | 2021-22       | 2022-23       | 2023-24       | 2024-25       | 2025-26       | 2026-27       | FUTURE        | TOTAL          |
| Construction                       | 35,700        | 20,963        | 30,402        | 19,200        | 19,200        | 19,200        | 19,200        | 19,200        | 183,065        |
| Planning and Design                | 1,488         | 873           | 1,267         | 800           | 800           | 800           | 800           | 800           | 7,627          |
| <b>TOTAL EXPENDITURES:</b>         | <b>37,188</b> | <b>21,836</b> | <b>31,669</b> | <b>20,000</b> | <b>20,000</b> | <b>20,000</b> | <b>20,000</b> | <b>20,000</b> | <b>190,693</b> |

### WATER - TELEMETERING SYSTEM ENHANCEMENTS

**PROJECT #: 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        | 2021-22  | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL        |
|------------------------------------|--------------|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Water Renewal and Replacement Fund | 2,143        | 0        | 1,196        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 8,339        |
| <b>TOTAL REVENUES:</b>             | <b>2,143</b> | <b>0</b> | <b>1,196</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>8,339</b> |
| EXPENDITURE SCHEDULE:              | PRIOR        | 2021-22  | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL        |
| Construction                       | 921          | 0        | 615          | 460          | 460          | 460          | 460          | 460          | 3,836        |
| Major Machinery and Equipment      | 1,081        | 0        | 722          | 540          | 540          | 540          | 540          | 540          | 4,503        |
| <b>TOTAL EXPENDITURES:</b>         | <b>2,002</b> | <b>0</b> | <b>1,337</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>1,000</b> | <b>8,339</b> |

### WATER TREATMENT PLANT - ALEXANDER ORR, JR. EXPANSION

**PROJECT #: 9650031**

DESCRIPTION: Construct high service pumps, a 48-inch finished water line, install a new generator and construct chlorine facilities  
 LOCATION: 6800 SW 87 Ave District Located: 7  
 Unincorporated Miami-Dade County District(s) Served: Systemwide

| REVENUE SCHEDULE:                  | PRIOR         | 2021-22       | 2022-23       | 2023-24      | 2024-25    | 2025-26    | 2026-27      | FUTURE        | TOTAL          |
|------------------------------------|---------------|---------------|---------------|--------------|------------|------------|--------------|---------------|----------------|
| Future WASD Revenue Bonds          | 0             | 0             | 22,877        | 2,759        | 200        | 300        | 4,811        | 58,660        | 89,608         |
| WASD Revenue Bonds Sold            | 42,242        | 0             | 0             | 0            | 0          | 0          | 0            | 0             | 42,242         |
| Water Renewal and Replacement Fund | 1,048         | 0             | 0             | 0            | 0          | 0          | 0            | 0             | 1,048          |
| <b>TOTAL REVENUES:</b>             | <b>43,289</b> | <b>0</b>      | <b>22,877</b> | <b>2,759</b> | <b>200</b> | <b>300</b> | <b>4,811</b> | <b>58,660</b> | <b>132,897</b> |
| EXPENDITURE SCHEDULE:              | PRIOR         | 2021-22       | 2022-23       | 2023-24      | 2024-25    | 2025-26    | 2026-27      | FUTURE        | TOTAL          |
| Construction                       | 24,597        | 16,528        | 21,733        | 2,621        | 190        | 285        | 4,546        | 55,727        | 126,227        |
| Planning and Design                | 1,295         | 870           | 1,144         | 138          | 10         | 15         | 266          | 2,933         | 6,670          |
| <b>TOTAL EXPENDITURES:</b>         | <b>25,891</b> | <b>17,398</b> | <b>22,877</b> | <b>2,759</b> | <b>200</b> | <b>300</b> | <b>4,811</b> | <b>58,660</b> | <b>132,897</b> |

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

### WATER TREATMENT PLANT - FLORIDIAN REVERSE OSMOSIS

**PROJECT #: 966620**

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

LOCATION: 700 W 2 Ave  
Hialeah

District Located: 6  
District(s) Served: Systemwide



| REVENUE SCHEDULE:             | PRIOR        | 2021-22    | 2022-23  | 2023-24  | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL        |
|-------------------------------|--------------|------------|----------|----------|----------|----------|----------|----------|--------------|
| Hialeah Reverse Osmosis Plant | 7,473        | 500        | 0        | 0        | 0        | 0        | 0        | 0        | 7,973        |
| Construction Fund             |              |            |          |          |          |          |          |          |              |
| Water Connection Charges      | 0            | 10         | 0        | 0        | 0        | 0        | 0        | 0        | 10           |
| <b>TOTAL REVENUES:</b>        | <b>7,473</b> | <b>510</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>7,983</b> |
| EXPENDITURE SCHEDULE:         | PRIOR        | 2021-22    | 2022-23  | 2023-24  | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL        |
| Construction                  | 7,473        | 510        | 0        | 0        | 0        | 0        | 0        | 0        | 7,983        |
| <b>TOTAL EXPENDITURES:</b>    | <b>7,473</b> | <b>510</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>7,983</b> |

### WATER TREATMENT PLANT - HIALEAH/PRESTON IMPROVEMENTS

**PROJECT #: 965041**

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         | 2021-22       | 2022-23       | 2023-24      | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL         |
|----------------------------|---------------|---------------|---------------|--------------|----------|----------|----------|----------|---------------|
| Future WASD Revenue Bonds  | 0             | 0             | 12,677        | 3,373        | 0        | 0        | 0        | 0        | 16,050        |
| WASD Revenue Bonds Sold    | 44,334        | 0             | 0             | 0            | 0        | 0        | 0        | 0        | 44,334        |
| Water Connection Charges   | 689           | 1,687         | 0             | 0            | 0        | 0        | 0        | 0        | 2,376         |
| <b>TOTAL REVENUES:</b>     | <b>45,022</b> | <b>1,687</b>  | <b>12,677</b> | <b>3,373</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>62,760</b> |
| EXPENDITURE SCHEDULE:      | PRIOR         | 2021-22       | 2022-23       | 2023-24      | 2024-25  | 2025-26  | 2026-27  | FUTURE   | TOTAL         |
| Construction               | 22,794        | 21,113        | 11,917        | 3,171        | 0        | 0        | 0        | 0        | 58,995        |
| Planning and Design        | 1,455         | 1,347         | 761           | 202          | 0        | 0        | 0        | 0        | 3,765         |
| <b>TOTAL EXPENDITURES:</b> | <b>24,249</b> | <b>22,460</b> | <b>12,677</b> | <b>3,373</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>62,760</b> |

Estimated Annual Operating Impact will begin in FY 2022-23 in the amount of \$15,000,000 and includes 0 FTE(s)

### WATER TREATMENT PLANT - REPLACEMENT AND RENOVATIONS

**PROJECT #: 9650161**

DESCRIPTION: Renovate and replace water treatment plant facilities and structures within plant sites

LOCATION: Water Treatment Plants  
Various Sites

District Located: Systemwide  
District(s) Served: Systemwide



| REVENUE SCHEDULE:                  | PRIOR         | 2021-22       | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL         |
|------------------------------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| Water Renewal and Replacement Fund | 37,988        | 11,470        | 1,500        | 6,500        | 6,500        | 6,500        | 6,500        | 6,500        | 83,458        |
| <b>TOTAL REVENUES:</b>             | <b>37,988</b> | <b>11,470</b> | <b>1,500</b> | <b>6,500</b> | <b>6,500</b> | <b>6,500</b> | <b>6,500</b> | <b>6,500</b> | <b>83,458</b> |
| EXPENDITURE SCHEDULE:              | PRIOR         | 2021-22       | 2022-23      | 2023-24      | 2024-25      | 2025-26      | 2026-27      | FUTURE       | TOTAL         |
| Construction                       | 22,990        | 15,980        | 8,930        | 6,110        | 6,110        | 6,110        | 6,110        | 6,110        | 78,450        |
| Major Machinery and Equipment      | 489           | 340           | 190          | 130          | 130          | 130          | 130          | 130          | 1,669         |
| Planning and Design                | 978           | 680           | 380          | 260          | 260          | 260          | 260          | 260          | 3,338         |
| <b>TOTAL EXPENDITURES:</b>         | <b>24,458</b> | <b>17,000</b> | <b>9,500</b> | <b>6,500</b> | <b>6,500</b> | <b>6,500</b> | <b>6,500</b> | <b>6,500</b> | <b>83,458</b> |

## FY 2021 - 22 Proposed Budget and Multi-Year Capital Plan

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### UNFUNDED CAPITAL PROJECTS

| <b>PROJECT NAME</b>   | <b>LOCATION</b>              | <b>(dollars in thousands)<br/>ESTIMATED PROJECT COST</b> |
|---|------------------------------|--|
| 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 TREATMENT PLANT - CENTRAL DISTRICT IMPROVEMENTS      | Throughout Miami Dade County | 699  |
| WASTEWATER TREATMENT PLANT - SOUTH DISTRICT IMPROVEMENTS        | Throughout Miami Dade County | 6,075  |
| WATER - COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT               | Throughout Miami Dade County | 480,016  |
| WATER INFRASTRUCTURE - VARIOUS IMPROVEMENTS                     | Throughout Miami Dade County | 5,700  |
| 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 (PRESTON) - IMPROVEMENTS                  | Throughout Miami Dade County | 57,331   |
| WATER TREATMENT PLANTS - NEW FACILITIES SOUTH MIAMI AND SURFACE | Throughout Miami Dade County | 690,818  |
|   | <b>UNFUNDED TOTAL</b>        | <b>6,649,967</b>   |