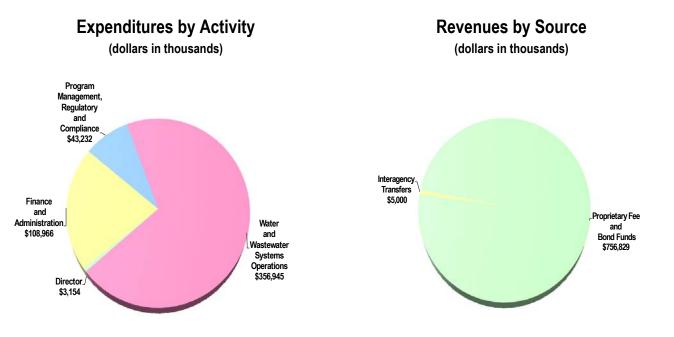
Water and Sewer

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

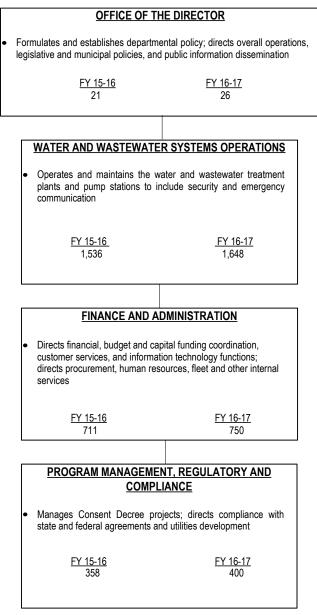
As part of the Neighborhood and Infrastructure strategic area, the Department's main functions are water production and distribution, as well as wastewater collection, treatment, reuse, and disposal. WASD operates three regional and five local water treatment plants, with a total permitted capacity of 464 million gallons per day (MGD), and three regional wastewater treatment plants with a total permitted capacity of 376 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 Floridian Aquifer; more than 1,000 sewer pump stations; more than 8,200 miles of water distribution mains; and nearly 6,300 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 437,000 water and 354,000 wastewater retail customers as of September 30, 2015. 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 about 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 2016-17 Proposed Budget

TABLE OF ORGANIZATION



The FY 2016-17 total number of full-time equivalent positions is 2,824

FINANCIAL SUMMARY

| | Actual | Actual | Budget | Proposed |
|----------------------------------|----------|----------|----------|----------|
| (dollars in thousands) | FY 13-14 | FY 14-15 | FY 15-16 | FY 16-17 |
| Revenue Summary | | | | |
| Carryover | 57,383 | 59,430 | 63,834 | 68,551 |
| Miscellaneous Non-Operating | 1,593 | 1,475 | 1,574 | 1,502 |
| Other Revenues | 28,022 | 28,305 | 28,072 | 27,980 |
| Retail Wastewater | 245,167 | 252,737 | 270,375 | 285,603 |
| Retail Water | 219,890 | 233,464 | 242,715 | 264,785 |
| Transfer From Other Funds | 0 | 5,000 | 23,685 | 0 |
| Wholesale Wastewater | 56,956 | 61,802 | 72,198 | 72,527 |
| Wholesale Water | 28,815 | 37,008 | 24,169 | 35,881 |
| Loan Repayments | 5,000 | 5,000 | 5,000 | 5,000 |
| Total Revenues | 642,826 | 684,221 | 731,622 | 761,829 |
| Operating Expenditures | | | | |
| Summary | | | | |
| Salary | 151,606 | 162,569 | 159,851 | 170,419 |
| Fringe Benefits | 42,901 | 51,008 | 52,835 | 61,598 |
| Contractual Services | 68,059 | 75,619 | 95,264 | 99,173 |
| Other Operating | 46,036 | 39,513 | 52,386 | 47,240 |
| Charges for County Services | 41,241 | 47,147 | 50,416 | 51,398 |
| Capital | 65,362 | 72,648 | 82,222 | 82,469 |
| Total Operating Expenditures | 415,205 | 448,504 | 492,974 | 512,297 |
| Non-Operating Expenditures | | | | |
| Summary | | | | |
| Transfers | 13,236 | 0 | 0 | 4,608 |
| Distribution of Funds In Trust | 0 | 0 | 0 | 0 |
| Debt Service | 154,955 | 164,722 | 170,097 | 173,286 |
| Depreciation, Amortizations and | 0 | 0 | 0 | 0 |
| Depletion | | | | |
| Reserve | 0 | 0 | 68,551 | 71,638 |
| Total Non-Operating Expenditures | 168,191 | 164,722 | 238,648 | 249,532 |

| | Total F | unding | Total Pos | sitions |
|---------------------------------|---------------|----------|-----------|----------|
| (dollars in thousands) | Budget | Proposed | Budget | Proposed |
| Expenditure By Program | FY 15-16 | FY 16-17 | FY 15-16 | FY 16-17 |
| Strategic Area: Neighborhood ar | nd Infrastruc | ture | | |
| Director | 5,647 | 3,154 | 21 | 26 |
| Water and Wastewater | 344,056 | 356,945 | 1,536 | 1,648 |
| Systems Operations | | | | |
| Finance and Administration | 105,114 | 108,966 | 711 | 750 |
| Program Management, | 38,157 | 43,232 | 358 | 400 |
| Regulatory and Compliance | | | | |
| Total Operating Expenditures | 492,974 | 512,297 | 2,626 | 2,824 |

SELECTED ITEM HIGHLIGHTS AND DETAILS

| | (dollars in thousands) | | | | | | | | |
|-------------------------|------------------------|----------|----------|------------|----------|--|--|--|--|
| Line Item Highlights | Actual | Actual | Budget | Projection | Proposed | | | | |
| | FY 13-14 | FY 14-15 | FY 15-16 | FY 15-16 | FY 16-17 | | | | |
| Advertising | 776 | 632 | 840 | 684 | 810 | | | | |
| Fuel | 3,715 | 3,084 | 4,213 | 3,720 | 3,609 | | | | |
| Overtime | 13,577 | 16,037 | 11,755 | 13,051 | 12,503 | | | | |
| Rent | 330 | 104 | 377 | 396 | 2,187 | | | | |
| Security Services | 11,240 | 12,952 | 12,903 | 13,045 | 14,800 | | | | |
| Temporary Services | 884 | 2,181 | 1,379 | 2,100 | 3,320 | | | | |
| Travel and Registration | 131 | 151 | 289 | 268 | 321 | | | | |

DIVISION: DIRECTOR

Formulates and establishes departmental policy; directs overall operations, legislative and municipal policies, and public information dissemination.

- Defines department policies and strategic goals
- Provides legal support
- Coordinates communications with media and customers
- Coordinates state and federal legislative actions and liaises with municipalities
- Coordinates items submitted to the Board of County Commissioners

DIVISION COMMENTS

- The FY 2016-17 Proposed Budget includes payments to the Audit and Management Services Department for expenses associated with audits and reviews (\$500,000)
- In FY 2016-17, the bill of the average retail water and sewer customer (6,750 gallons per month) will increase by nine percent, from \$51.11 to \$55.71, or by approximately \$4.60, per month; future adjustments will be needed based on debt service obligations and operating requirements
- Effective October 1, 2016, the wholesale wastewater rate will increase from \$2.7879 to \$2.9477 or by \$0.1598 per thousand gallons; the water wholesale rate will remain at \$1.7341 per thousand gallons; wholesale customers' bills include a true-up adjustment to recover actual cost for FY 2014-15
- The FY 2016-17 Proposed Budget includes a Memorandum of Understanding with the Office of the Inspector General to perform specialized audits as required (\$100,000)
- The FY 2016-17 Proposed Budget includes funding to the Miami-Dade Fire Rescue Department (MDFR) for fire hydrant maintenance (\$1 million)
- In FY 2016-17, the Department will continue an on-going reorganizational review to streamline management and business practices and the Proposed Budget includes funding to the Office of Management and Budget (OMB) for consulting services to fund organizational reviews/studies (\$192,000)
- The Department is currently working on an advertising campaign that includes the Department's branding for community recognition and to inform the citizens on water and wastewater services and the Multi-Year Capital Improvements Plan

DIVISION: WATER AND WASTEWATER SYSTEMS OPERATIONS

Operates and maintains the water and wastewater treatment plants and pump stations, including security and emergency communication.

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

Strategic Objectives - Measures • GG1-1: Provide easy access to information and services FY 13-14 FY 14-15 FY 15-16 FY 15-16 FY 16-17 Objectives Measures Actual Actual Budget Projection Target Maintain high level of Percentage of nonresponsiveness to emergency requests OC 99% 98% 98% 98% 99% ↑ customer service dispatched in less than three business days requests

| Objectives | Measures | | | FY 13-14 | FY 14-15 | FY 15-16 | FY 15-16 | FY 16-17 | |
|--|--|----|-------------------|----------|----------|----------|------------|----------|--|
| Objectives | Wedsules | | | Actual | Actual | Budget | Projection | Target | |
| Ensure compliance with 20-year Water Use Permit with the South Florida Water Management District | Estimated gallons of water saved per day (GPD) through the Water Use Efficiency Program (in thousands) | OC | 1 | 1,181 | 1,782 | 1,124 | 1,124 | 1,124 | |
| Fully comply with drinking water standards | Percentage compliance with drinking water standards | OC | 1 | 100% | 100% | 100% | 100% | 100% | |
| Reduce response time to sanitary sewer overflows | Average time to respond to sewage overflows (in minutes) | EF | ↓ | 45 | 39 | 60 | 45 | 45 | |
| Ensure proper | Percentage compliance with wastewater effluent limits* | OC | 1 | 97% | 67% | 100% | 90% | 100% | |
| naintenance and operation of the sewage system | Percentage of pumps in service | EF | 1 | 97% | 97% | 99% | 98% | 99% | |
| | Wastewater mainline valves exercised | OP | \leftrightarrow | 6,135 | 6,167 | 6,000 | 6,000 | 6,000 | |

*Unforeseen factors such as severe mechanical failures, loss of clarifiers, and repairs to broken equipment negatively impacted performance for FY 2014-15; plans are in progress to address deficiencies.

DIVISION COMMENTS

The FY 2016-17 Proposed Budget includes the addition of 115 positions for Wastewater Operations to continue to address staffing shortfalls identified in the Capacity, Management, and Operational and Maintenance Reports that have been submitted to the Environmental Protection Agency in response to the Consent Decree, and one position for the emergency call center to handle customer calls during increased construction phase; in addition, 20 positions are included in the FY 2016-17 Proposed Budget to support water treatment operations and infrastructure repairs; the total of 136 positions being added will be phased in and funded beginning September 2017

DIVISION: FINANCE AND ADMINISTRATION

Directs financial, budget and capital funding coordination, customer services, and information technology functions; directs procurement, human resources, fleet and other internal services.

- · Coordinates financial activities including debt administration, investments, grants and cash management
- Administers Controller's functions, general ledger, assets control and accounts payable; prepares retail, wholesale and special billings and collection
- Manages the Department's operating and capital budgets
- Manages human capital planning and procurement
- Manages business process support for customer, care and billing, enterprise resource planning financial and enterprise asset management software systems
- Manages Retail Customer Services and Information Technology Divisions
- Manages general maintenance services

| GG1-1: Provide | easy access to information an | d servic | es | | | | | |
|------------------------------------|--|----------|--------------|----------|--------------------|----------|------------|----------|
| Objectives | Measures | | | FY 13-14 | FY 14-15 Actual | FY 15-16 | FY 15-16 | FY 16-17 |
| Objectives | | | | Actual | | Budget | Projection | Target |
| Provide information to | Average call wait time (in minutes)* | EF | \downarrow | 9 | 8 | 3 | 6 | 5 |
| customers in a timely manner | Percentage of calls answered within two minutes (monthly)* | ос | 1 | 29% | 41% | 80% | 50% | 50% |

* In FY 2014-15, the Department experienced problems with the implementation of the Interactive Response System (IVR) and in cross-training staff that impacted targeted improvements of the Department's call wait time; planned Improvements for FY 2015-16 included new interactive WASD website and phone application, introduction of a fully functional self-service IVR, and extended hours of operation; limited staffing and vacancies have also impacted performance.

| GG2-2: Develop and retain excellent employees and leaders | | | | | | | | | |
|---|--------------------------------|----|-------------------|----------|----------|----------|------------|----------|--|
| Obiectives | Measures | | | FY 13-14 | FY 14-15 | FY 15-16 | FY 15-16 | FY 16-17 | |
| Objectives | Objectives measures | | | Actual | Actual | Budget | Projection | Target | |
| Workforce skills to support County priorities | Training hours per employee | OP | \leftrightarrow | 7 | 11 | 12 | 12 | 15 | |

| Objectives | Measures | Measures | | | FY 14-15 | FY 15-16 | FY 15-16 | FY 16-17 |
|--|---|----------|---|--------|----------|----------|------------|----------|
| Objectives | incubarco | | | Actual | Actual | Budget | Projection | Target |
| Ensure sound asset | Bond rating evaluation by Fitch | OC | 1 | A+ | A+ | A+ | A+ | A+ |
| management and financial investment | Bond rating evaluation by Standard and Poor's | OC | 1 | A+ | A+ | A+ | A+ | A+ |
| strategies | Bond rating evaluation by Moody's | OC | 1 | Aa3 | Aa3 | Aa3 | Aa3 | Aa3 |

DIVISION COMMENTS

- The FY 2016-17 Proposed Budget includes payments to the Finance Department for expenses associated with cash management services (\$50,000) and for expenses associated with credit and collection services (payments are based on a percentage of collected revenue)
- The FY 2016-17 Proposed Budget includes two Customer Service Representative positions to help meet the demands of customers and improve call wait time
- The FY 2016-17 Proposed Budget includes one additional position in Human Resources to improve the hiring process in the Department and 23 positions that provide support in the procurement, heavy-equipment fleet, maintenance, and accountability functions that have increased workload from the Capacity, Management, and Operational and Maintenance Reports submitted to the EPA
- The FY 2015-16 year end combined fund balance is projected to be \$69.6 million in rate stabilization and general reserve funds; in FY2016-17, the Department will also be funding an additional reserve of \$16.3 million in order to strengthen bonding capacity and meet additional bonds test necessary to issue debt to support the Department's \$13 billion capital program; a combined balance of \$91.2 million is projected between these reserves, and the Department will have a year-end fund balance of \$71.6 million in the operating budget as required for bond ordinances
- In the FY 2016-17 Proposed Budget, the Department will continue its Service Level Agreement with the Communications Department for initial customer call triage to improve customer service and reduce call wait times (\$1.4 million)

DIVISION: PROGRAM MANAGEMENT, REGULATORY AND COMPLIANCE

Manages Consent Decree projects; directs compliance with state and federal agreements and utilities development.

- Directs planning of water and wastewater facilities and infrastructure
- Directs design and construction activities for both the water and wastewater systems
- Oversees environmental regulations and compliance with federal and state agreements
- Directs Water Use Efficiency and Water Loss Reduction Programs
- Processes applications for new water services, mains, pump stations and fire hydrant installations by private contractors
- Oversees contract compliance, provides strategic planning, and directs performance improvement and efficiency savings programs

Strategic Objectives - Measures NI2-1: Provide adequate potable water supply and wastewater disposal ٠ FY 13-14 FY 14-15 FY 15-16 FY 15-16 FY 16-17 Objectives Measures Actual Actual Budget Projection Target Ensure compliance with 20-vear Water Use Percent compliance with Permit with the South 20-Year Water Use Permit OC 100% 100% 98% 100% 100% 1 Florida Water (WUP) as scheduled Management District Percentage of Comprehensive EF 100% 100% 98% 100% 100% **Development Master Plan** ↑ Ensure compliance with comments submitted Comprehensive timely Development of Master Percentage of Plan **Development Impact** EF 1 100% 100% 98% 100% 100% Committee comments provided timely Percentage of Consent Decree Wastewater OC 100% 100% 100% 100% 100% Ensure proper ↑ Projects on Schedule maintenance and Percentage of Ocean operation of the sewage N/A 100% 100% 100% 100% system Outfall Legislation projects OC 1 on schedule*

* This measure began being tracked in FY 2014-15

DIVISION COMMENTS

- In FY 2016-17, the Department will continue a program to reduce energy consumption encompassing facilities lighting and controls, operational equipment energy consumption, the implementation of the Energy Star Power plan, and an employee awareness program, which includes an energy conservation website, newsletter, and workshops
- The FY 2016-17 Proposed Budget includes funding to the Parks, Recreation and Open Spaces (PROS) Department for the Florida Yards and Neighborhoods Program (\$285,000)
- The FY 2016-17 Proposed Budget includes 23 new positions for Program Management and Construction and 13 new positions for Contract Compliance and Quality Assurance of construction/contractual work related to the \$13.3 billion Capital Improvement Plan; 31 of the 36 positions being added will be phased in and funded beginning September 2017
- The Department has established and is continuing to develop a Small Business Office to coordinate construction, architectural and engineering firms' compliance with Small Business Enterprise Program, Responsible Wages and Prompt Payment Ordinances to facilitate the achievement of economic stimulus programs in the community; the office will also be responsible for the monitoring and oversight of capital projects with an estimated value of \$13.3 billion over a twenty-year period

ADDITIONAL INFORMATION

- The FY 2016-17 Proposed Budget includes payments in the amount of \$3.989 million for salary reimbursements and/or services provided to: Parks, Recreation and Open Spaces (\$285,000); Audit and Management Services (\$500,000); Human Resources Department (\$12,000); Finance Department (\$50,000); Inspector General (\$200,000); Office of Management and Budget (\$192,000); Communications Department (\$1,400,000); Fire Rescue Department (\$1,000,000); Community Action and Human Services (\$100,000); and an allocation of \$200,000 for Community-based Organizations for environmental education programs and presentations
- The FY 2016-17 Proposed Budget includes a \$5 million final loan repayment from the General Fund

Department Operational Unmet Needs

| | (dollars in the | ousands) | |
|---|---------------------------------------|-----------------|-----------|
| Description | Startup Costs/ Non Recurring Costs | Recurring Costs | Positions |
| Fund 12 positions in the Wastewater Treatment and Maintenance Division needed to accommodate the vast amount of additional work required for the consent decree and related work in a timely manner and establish a Tank Cleaning Crew at the SDWWTP. | \$0 | \$740 | 12 |
| Fund 14 positions in the Wastewater Treatment and Maintenance Division needed to maintain accommodate the new HLD at SDWWTP and the vast amount of additional work required for the Consent Decree and related work in a timely manner. | \$0 | \$1,080 | 14 |
| Fund 11 positions in the Wastewater Treatment and Maintenance Division Needed to establish a Tank Cleaning Crew at CDWWTP and assure complete coverage of the Sludge Dewatering Building. | \$0 | \$566 | 11 |
| Fund 18 positions in the Wastewater Treatment and Maintenance Division Needed to maintain and install new equipment at CDWWTP and accommodate the vast amount of additional work required for the Consent Decree and related work in a timely manner. | \$0 | \$1,360 | 18 |
| Fund eight (8) positions in the Wastewater Treatment and Maintenance Division Needed to properly Maintain the structures of the Treatment Vessels in the 3 Regional Wastewater Treatment Plants and 2 Regional Master Pumping Stations at NDWWT and accommodate the vast amount of additional work required for the Consent Decree and related work in a timely manner. | \$0 | \$591 | 8 |
| Fund nine (9) positions in the Wastewater Treatment and Maintenance Division Needed to establish a Tank Cleaning Crew at the NDWWTP - staff required for Oxygen Plant assignment and to accommodate the vast amount of additional work required for the Consent Decree and related work in a timely manner. | \$0 | \$656 | 9 |
| Fund six (6) positions in the Wastewater Treatment and Maintenance Division Needed for monitoring, controlling and adjusting of wastewater treatment equipment within the treatment plant. | \$0 | \$450 | 6 |
| Fund two (2) position in the Wastewater Treatment and Maintenance Division Needed to develop and administer training programs. | \$0 | \$161 | 2 |
| Fund 10 positions in the Wastewater Collection and Transmission Line Division Needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARP). South | \$0 | \$547 | 10 |
| Fund six (6) positions in the Wastewater Collection and Transmission Line Division needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARP). North | \$0 | \$325 | 6 |
| Fund six (6) positions in the Wastewater Collection and Transmission Line Division needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARP). Central | \$0 | \$325 | 6 |
| Fund 13 positions in the Wastewater Collection and Transmission Line Division Needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARP). | \$0 | \$717 | 13 |

| | (dollars in the | ousands) | | |
|---|---------------------------------------|-----------------|-----------|--|
| Description | Startup Costs/ Non Recurring Costs | Recurring Costs | Positions | |
| Fund two (2) positions in the Wastewater Collection and Transmission Line Division Needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARP). | \$0 | \$152 | 2 | |
| Fund six (6) positions in the Wastewater Collection and Transmission Line Division needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARP). | \$0 | \$312 | 6 | |
| Fund six (6) positions in the Wastewater Collection and Transmission Line Division needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARP). | \$0 | \$312 | 6 | |
| Fund two (2) positions in the Wastewater Collection and Transmission Line Division needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARP). | \$0 | \$141 | 2 | |
| Total | \$0 | \$8,435 | 131 | |

CAPITAL BUDGET SUMMARY

| dollars in thousands) | PRIOR | FY 16-17 | FY 17-18 | FY 18-19 | FY 19-20 | FY 20-21 | FY 21-22 | FUTURE | TOTAL |
|---|-----------|----------|----------|----------|----------|----------|----------|-----------|-----------|
| Revenue | | | | | | | | | |
| BBC GOB Financing | 10,204 | 9,846 | 19,538 | 25,373 | 16,325 | 18,397 | 28,200 | 29,098 | 156,98 |
| State Revolving Loan Wastewater Program | 19,888 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19,88 |
| WASD Revenue Bonds Sold | 311,028 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 311,02 |
| Rock Mining Mitigation Fees | 20,979 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20,97 |
| BBC GOB Series 2005A | 2,399 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,39 |
| BBC GOB Series 2011A | 2,606 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,60 |
| WASD Future Funding | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,529,974 | 1,529,97 |
| State Revolving Loan Water Program | 4,452 | 4,426 | 7,309 | 3,000 | 2,500 | 1,159 | 0 | 0 | 22,84 |
| Miami Springs Wastewater Construction | 1,326 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,32 |
| Fund | | | | | | | | | |
| Water Renewal and Replacement Fund | 136,162 | 29,728 | 34,500 | 34,500 | 34,500 | 34,500 | 34,500 | 34,500 | 372,89 |
| Wastewater Connection Charges | 88,165 | 23,476 | 12,068 | 15,837 | 9,696 | 7,000 | 7,000 | 17,732 | 180,91 |
| Wastewater Renewal Fund | 173,897 | 50,272 | 45,500 | 45,500 | 45,500 | 45,500 | 45,500 | 45,500 | 497,16 |
| Wastewater Special Construction Fund | 50,380 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50,3 |
| Water Special Construction Fund | 7,087 | 595 | 1,000 | 1,000 | 1,000 | 2,000 | 2,000 | 0 | 14,68 |
| BBC GOB Series 2008B-1 | 5,259 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,25 |
| Water Construction Fund | 344 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| Water Connection Charges | 25,697 | 8,821 | 3,590 | 0 | 0 | 0 | 0 | 0 | 38,1 |
| BBC GOB Series 2014A | 1,531 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,5 |
| Future WASD Revenue Bonds | 400,000 | 249,608 | 555,222 | 571,560 | 506,151 | 567,919 | 553,359 | 6,565,522 | 9,969,34 |
| Fire Hydrant Fund | 36,978 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 61,4 |
| Miami Springs Water Construction Fund | 5,963 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,90 |
| BBC GOB Series 2008B | 2,952 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,9 |
| BBC GOB Series 2013A | 246 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| Total: | 1,307,543 | 380,272 | 682,227 | 700,270 | 619,172 | 679,975 | 674,059 | 8,225,826 | 13,269,34 |
| xpenditures | | | | | | | | | |
| Strategic Area: NI | | | | | | | | | |
| GOB Water and Wastewater Projects | 25,197 | 9,846 | 19,538 | 25,373 | 16,325 | 18,397 | 28,200 | 29,098 | 171,9 |
| Wastewater Projects | 684,574 | 405,726 | 455,845 | 450,626 | 430,838 | 432,921 | 445,401 | 7,120,828 | 10,426,7 |
| Water Projects | 299,026 | 189,803 | 219,707 | 223,976 | 181,902 | 229,854 | 233,050 | 1,093,293 | 2,670,61 |
| Total: | 1,008,797 | 605,375 | 695,090 | 699,975 | 629,065 | 681,172 | 706,651 | 8,243,219 | 13,269,34 |

CAPITAL HIGHLIGHTS AND OPERATIONAL IMPACTS

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 BCC on
May 21, 2013; on April 9, 2014, the U.S. District Court for the Southern District approved the Consent Decree, replacing and superseding the
two existing consent decrees issued in the early-mid 1990's; 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

FUNDED CAPITAL PROJECTS

(dollars in thousands)

| | OUTFALL LEGISLATION DESCRIPTION: Elimination of outfall flows to the ocean | | | | | PROJECT #: 962670 | | | | 6 | |
|-----------------------|---|--------|---------|--|---------|-------------------|--------------------------|---------|-----------|-----------|--|
| LOCATION: | | | oodan | District Located: District(s) Served: | | | Systemwide Systemwide | | | | |
| REVENUE SCHEDULE | E | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL | |
| Future WASD Revenu | e Bonds | 41,675 | 11,793 | 44,789 | 52,572 | 63,206 | 72,848 | 107,726 | 3,255,334 | 3,649,943 | |
| State Revolving Loan | Wastewater | 19,888 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19,888 | |
| Program | | | | | | | | | | | |
| WASD Revenue Bond | s Sold | 18,525 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18,525 | |
| Wastewater Connection | on Charges | 6,049 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,049 | |
| TOTAL REVENUES: | | 86,137 | 11,793 | 44,789 | 52,572 | 63,206 | 72,848 | 107,726 | 3,255,334 | 3,694,405 | |
| EXPENDITURE SCHEI | DULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL | |
| Construction | | 59,113 | 38,817 | 44,789 | 52,572 | 63,206 | 72,848 | 107,726 | 3,255,334 | 3,694,405 | |
| TOTAL EXPENDITURE | S: | 59,113 | 38,817 | 44,789 | 52,572 | 63,206 | 72,848 | 107,726 | 3,255,334 | 3,694,405 | |

Estimated Annual Operating Impact will begin in FY 2018-19 in the amount of \$270,000

SYSTEM IMPROVEMENTS PROJECT - GENERAL OBLIGATION BONDS (GOB)

PROJECT #: 962830

| DESCRIPTION: | Replace undersized water mains and in | stall new fire hydrants | |
|--------------|---------------------------------------|-------------------------|------------|
| LOCATION: | Various Sites | District Located: | Systemwide |
| | Various Sites | District(s) Served: | Systemwide |

| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
|---|------------------------------|------------------------------|----------------------------|----------------------------|------------------------------|----------------------------|--------------------------|-----------------------------|-------------------------------|
| BBC GOB Financing | 2,279 | 2,164 | 865 | 795 | 1,197 | 734 | 0 | 1,205 | 9,239 |
| BBC GOB Series 2005A | 709 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 709 |
| BBC GOB Series 2008B | 1,018 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,018 |
| BBC GOB Series 2008B-1 | 2,222 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,222 |
| BBC GOB Series 2011A | 2,598 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,598 |
| BBC GOB Series 2013A | 221 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 221 |
| BBC GOB Series 2014A | 1,263 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,263 |
| | | | | | | | | | |
| TOTAL REVENUES: | 10,310 | 2,164 | 865 | 795 | 1,197 | 734 | 0 | 1,205 | 17,270 |
| TOTAL REVENUES: EXPENDITURE SCHEDULE: | 10,310 PRIOR | 2,164 2016-17 | 865 2017-18 | 795 2018-19 | 1,197 2019-20 | 734 2020-21 | 0 2021-22 | 1,205 FUTURE | 17,270 TOTAL |
| | , | , | | | , | | | , | , |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| EXPENDITURE SCHEDULE: Construction | PRIOR 8,920 | 2016-17 2,164 | 2017-18 865 | 2018-19 795 | 2019-20 1,197 | 2020-21 | 2021-22 | FUTURE 1,205 | TOTAL 15,880 |
| EXPENDITURE SCHEDULE: Construction Permitting | PRIOR 8,920 100 | 2016-17 2,164 0 | 2017-18 865 0 | 2018-19 795 0 | 2019-20 1,197 0 | 2020-21 734 0 | 2021-22 0 0 | FUTURE 1,205 0 | TOTAL 15,880 100 |

| AUTOMATION OF W | ATER TREATM | ENT PLANTS | | | | | PROJE | ECT #: 96 | 3110 | |
|--|---|--------------------|------------------|------------------------|---|-----------------|---|---------------------|-------------------|---------------------|
| DESCRIPTION: LOCATION: | Construct facilitie Systemwide Various Sites | es and install equ | uipment to aut | Distri | ns at water tre ict Located: ict(s) Served: | eatment plants | s Systemwi Systemwi | | | |
| REVENUE SCHEDULE: | | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenue WASD Revenue Bonds | | 0 1,916 | 330 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 | 0 0 | 330 1,916 |
| TOTAL REVENUES: | | 1,916 | 330 | 0 | 0 | 0 | 0 | 0 | 0 | 2,246 |
| EXPENDITURE SCHED | I II E. | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | ULL. | 1,916 | 330 | 2017-10 | 2010-19 | 2013-20 0 | 0 | 2021-22 0 | 0 | 2,246 |
| TOTAL EXPENDITURES | S: | 1,916 | 330 | 0 | 0 | 0 | 0 | 0 | 0 | 2,246 |
| WASTEWATER TREA DESCRIPTION: LOCATION: | ATMENT PLAN Design, construc Various Sites Throughout Miar | t, and rehabilitat | | e at wastewa Distri | | plants to comp | PROJE bly with EPA C Countywic Countywic | Consent Decre de | 4120 ee | 6 |
| REVENUE SCHEDULE: | | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenue | Bonds | 123,944 | 59,544 | 111,162 | 96,624 | 93,374 | 91,218 | 101,119 | 939,289 | 1,616,274 |
| WASD Revenue Bonds | Sold | 48,676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48,676 |
| Wastewater Renewal F | und | 17,619 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,619 |
| TOTAL REVENUES: | | 190,239 | 59,544 | 111,162 | 96,624 | 93,374 | 91,218 | 101,119 | 939,289 | 1,682,569 |
| EXPENDITURE SCHED | ULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction Major Machinery and Ed | nuinmont | 124,414 2,734 | 102,889 2,261 | 101,158 2,223 | 87,928 1,932 | 84,970 1,868 | 83,008 1,825 | 92,019 2,022 | 854,753 18,786 | 1,531,139 33,651 |
| Planning and Design | laihiineili | 9,570 | 7,915 | 2,223 7,781 | 6,764 | 6,536 | 6,385 | 7,022 | 65,750 | 117,779 |
| TOTAL EXPENDITURE | S: . | 136,718 | 113,065 | 111,162 | 96,624 | 93,374 | 91,218 | 101,119 | 939,289 | 1,682,569 |
| Estimated A | nnual Operating I | | | | | 000 | PROJE | ECT #: 96 | 4350 | |
| DESCRIPTION: | Construction of v | | | • | | pelines and se | | | | |
| LOCATION: | Various Sites Various Sites | | | | ict Located: ict(s) Served: | | Systemwi Systemwi | | | |
| REVENUE SCHEDULE: | | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| BBC GOB Financing | | 1,857 | 1,845 | 2,630 | 2,555 | 2,446 | 350 | 200 | 0 | 11,883 |
| BBC GOB Series 2005/ | | 1,686 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,686 |
| BBC GOB Series 2008 | | 1,504 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,504 |
| BBC GOB Series 2008 BBC GOB Series 2013 | | 2,288 25 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 | 0 0 | 2,288 25 |
| BBC GOB Series 2014 | | 259 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 259 |
| TOTAL REVENUES: | • | 7,619 | 1,845 | 2,630 | 2,555 | 2,446 | 350 | 200 | 0 | 17,645 |
| EXPENDITURE SCHED | ULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | | 5,405 | 1,845 | 2,630 | 2,555 | 2,446 | 350 | 200 | 0 | 15,431 |
| Permitting | | 179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179 |
| Planning and Design | | 2,035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,035 |
| TOTAL EXPENDITURES | 5: | 7,619 | 1,845 | 2,630 | 2,555 | 2,446 | 350 | 200 | 0 | 17,645 |

| SEWER PUMP STATION SYSTEMS - DESCRIPTION: Design, construct, a LOCATION: Various Sites Throughout Miami-I | and rehabilitat | | ns infrastructu Distri | ire systems to ct Located: ct(s) Served: | comply with E | PROJE EPA Consent Countywic Countywic | Decree le | 4440 | |
|--|---|---|--|--|-------------------------|---|---|-----------------------|-------------------------------|
| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenue Bonds | 16,334 | 19,307 | 38,890 | 23,678 | 15,000 | 7,184 | 1,000 | 0 | 121,393 |
| WASD Revenue Bonds Sold | 8,513 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,513 |
| Wastewater Connection Charges | 1,006 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,006 |
| OTAL REVENUES: | 25,853 | 19,307 | 38,890 | 23,678 | 15,000 | 7,184 | 1,000 | 0 | 130,912 |
| | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction Planning and Design | 19,850 1,725 | 21,697 1,888 | 35,779 3,111 | 21,784 1,894 | 13,800 1,200 | 6,609 575 | 920 80 | 0 0 | 120,439 10,473 |
| OTAL EXPENDITURES: | 21,575 | 23,585 | 38,890 | 23,678 | 15,000 | 7,184 | 1,000 | 0 | 130,912 |
| Estimated Annual Operating Imp | act will begin | in FY 2019-2 | 0 in the amou | nt of \$1,200,00 | 00 | | | | |
| IIAMI SPRINGS CONSTRUCTION FU DESCRIPTION: Repair and or replar LOCATION: Miami Springs Miami Springs | | | Distri | ni Springs ct Located: ct(s) Served: | | PROJE 6 6 | :CT #: 96 | 5450 | |
| REVENUE SCHEDULE: Miami Springs Water Construction Fund | PRIOR 5,963 | 2016-17 0 | 2017-18 0 | 2018-19 0 | 2019-20 0 | 2020-21 0 | 2021-22 0 | FUTURE 0 | TOTAL 5,963 |
| OTAL REVENUES: | 5,963 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,963 |
| XPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | 1,147 | 3,505 | 417 | 0 | 0 | 0 | 0 | 0 | 5,069 |
| Planning and Design OTAL EXPENDITURES: | 202 1,349 | 619 4,124 | 73 490 | 0 | 0 | 0 | 0 | 0 | 894 5,963 |
| W 37 AVE INDUSTRIAL DEVELOPMI | | in the NW 37 | Ave Industrial | Development | | PROJE | :CT #: 96 | 5520 | |
| DESCRIPTION: Replace water and LOCATION: NW 37 Ave and NW Various Sites | / 36 St | | Distri Distri | ct Located: ct(s) Served: | | 2 Systemwid | de | | |
| LOCATION: NW 37 Ave and NW Various Sites | PRIOR | 2016-17 | Distri 2017-18 | ct(s) Served: 2018-19 | 2019-20 | Systemwid 2020-21 | 2021-22 | FUTURE | |
| LOCATION: NW 37 Ave and NW Various Sites EVENUE SCHEDULE: BBC GOB Financing | PRIOR 3,985 | 2016-17 2,162 | Distri 2017-18 1,848 | ct(s) Served: 2018-19 740 | 853 | Systemwid 2020-21 0 | 2021-22 0 | 0 | TOTAL 9,588 |
| LOCATION: NW 37 Ave and NW Various Sites EVENUE SCHEDULE: BBC GOB Financing BBC GOB Series 2005A | PRIOR 3,985 4 | 2016-17 2,162 0 | Distri 2017-18 1,848 0 | ct(s) Served: 2018-19 740 0 | 853 0 | Systemwid 2020-21 0 0 | 2021-22 | | 9,588 2 |
| LOCATION: NW 37 Ave and NW Various Sites EVENUE SCHEDULE: BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B BBC GOB Series 2008B-1 | PRIOR 3,985 | 2016-17 2,162 | Distri 2017-18 1,848 | ct(s) Served: 2018-19 740 | 853 | Systemwid 2020-21 0 | 2021-22 0 0 | 0 0 | 9,588 430 190 |
| LOCATION: NW 37 Ave and NW Various Sites EVENUE SCHEDULE: BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B BBC GOB Series 2008B-1 BBC GOB Series 2014A | PRIOR 3,985 4 430 190 | 2016-17 2,162 0 0 0 | Distri 2017-18 1,848 0 0 0 | 2018-19 740 0 0 | 853 0 0 0 | Systemwid 2020-21 0 0 0 0 | 2021-22 0 0 0 0 | 0 0 0 0 | 9,588 |
| LOCATION: NW 37 Ave and NW | PRIOR 3,985 4 430 190 9 | 2016-17 2,162 0 0 0 0 | Distri 2017-18 1,848 0 0 0 0 | 2018-19 740 0 0 0 0 | 853 0 0 0 0 | Systemwid 2020-21 0 0 0 0 0 0 0 | 2021-22 0 0 0 0 0 | 0 0 0 0 0 | 9,588 2 430 190 9 |

| owned plant wi contribution and | million gallons pe Il equally serve the d expenditures of | er day (MGD) l e City of Hiale | Reverse Osmo ah and WASE |) service areas | - | \$160 million, | | 6620 jointly- | |
|---|--|---|---|--|---|---|--|--|--|
| LOCATION: 700 W 2 Ave Hialeah | | | | ict Located: ict(s) Served: | | 6 Systemwid | de | | |
| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Water Connection Charges | 3,091 | 3,300 | 0 | 0 | 0 | 0 | 0 | 0 | 6,391 |
| TOTAL REVENUES: | 3,091 | 3,300 | 0 | 0 | 0 | 0 | 0 | 0 | 6,391 |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | 2,009 | 3,360 | 0 | 0 | 0 | 0 | 0 | 0 | 5,369 |
| Planning and Design | 382 | 640 | 0 | 0 | 0 | 0 | 0 | 0 | 1,022 |
| TOTAL EXPENDITURES: | 2,391 | 4,000 | 0 | 0 | 0 | 0 | 0 | 0 | 6,391 |
| EXTENSION OF SEWER SYSTEM COUNTY AS PER BCC RESOLUTION PROGRAM | ON R-537-14 - | BUILDING | BETTER CC | OMMUNITIES | S BOND | PROJE | :CT #: 96 | 7090 | |
| LOCATION: Various Sites | ervice to develop ami-Dade County | | Distr | al corridors in l ict Located: ict(s) Served: | Miami-Dade C | ounty Countywic Countywic | | | |
| | | | | - (-) | | Countywic | | | |
| REVENUE SCHEDULE: BBC GOB Financing | PRIOR 2,063 | 2016-17 3,635 | 2017-18 14,084 | 2018-19 21,183 | 2019-20 11,829 | 2020-21 17,313 | 2021-22 28,000 | FUTURE 27,893 | TOTAL 126,000 |
| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | | 2020-21 | 2021-22 | | |
| REVENUE SCHEDULE: BBC GOB Financing | PRIOR 2,063 2,063 PRIOR | 2016-17 3,635 3,635 2016-17 | 2017-18 14,084 14,084 2017-18 | 2018-19 21,183 21,183 2018-19 | 11,829 11,829 2019-20 | 2020-21 17,313 | 2021-22 28,000 28,000 2021-22 | 27,893 27,893 FUTURE | 126,000 126,000 TOTAL |
| REVENUE SCHEDULE: BBC GOB Financing TOTAL REVENUES: EXPENDITURE SCHEDULE: Construction | PRIOR 2,063 2,063 PRIOR 15 | 2016-17 3,635 3,635 2016-17 357 | 2017-18 14,084 14,084 2017-18 14,084 | 2018-19 21,183 21,183 2018-19 21,183 | 11,829 11,829 2019-20 11,829 | 2020-21 17,313 17,313 2020-21 17,313 | 2021-22 28,000 28,000 2021-22 28,000 | 27,893 27,893 FUTURE 27,893 | 126,000 126,000 TOTAL 120,674 |
| REVENUE SCHEDULE: BBC GOB Financing TOTAL REVENUES: EXPENDITURE SCHEDULE: | PRIOR 2,063 2,063 PRIOR | 2016-17 3,635 3,635 2016-17 | 2017-18 14,084 14,084 2017-18 | 2018-19 21,183 21,183 2018-19 | 11,829 11,829 2019-20 | 2020-21 17,313 17,313 2020-21 | 2021-22 28,000 28,000 2021-22 | 27,893 27,893 FUTURE | 126,000 126,000 TOTAL |
| REVENUE SCHEDULE: BBC GOB Financing TOTAL REVENUES: EXPENDITURE SCHEDULE: Construction Planning and Design TOTAL EXPENDITURES: WATER PIPES AND INFRASTRUC | PRIOR 2,063 2,063 PRIOR 15 2,048 2,063 | 2016-17 3,635 3,635 2016-17 357 3,278 3,635 3,635 | 2017-18 14,084 14,084 2017-18 14,084 0 14,084 irs | 2018-19 21,183 21,183 2018-19 21,183 0 | 11,829 11,829 2019-20 11,829 0 | 2020-21 17,313 17,313 2020-21 17,313 0 | 2021-22 28,000 2021-22 28,000 0 28,000 28,000 | 27,893 27,893 FUTURE 27,893 0 | 126,000 126,000 TOTAL 120,674 5,326 |
| REVENUE SCHEDULE: BBC GOB Financing TOTAL REVENUES: EXPENDITURE SCHEDULE: Construction Planning and Design TOTAL EXPENDITURES: WATER PIPES AND INFRASTRUC DESCRIPTION: Replace pipe a LOCATION: Countywide Various Sites REVENUE SCHEDULE: Future WASD Revenue Bonds WASD Revenue Bonds Sold | PRIOR 2,063 2,063 PRIOR 15 2,048 2,063 TURE PROJEC nd construct infra: PRIOR 0 15,410 | 2016-17 3,635 2016-17 357 3,278 3,635 3,635 CTS structure repa | 2017-18 14,084 2017-18 14,084 0 14,084 irs Distri Distri 2017-18 6,047 0 | 2018-19 21,183 21,183 2018-19 21,183 0 21,183 ict Located: ict(s) Served: 2018-19 11,157 0 | 11,829 11,829 2019-20 11,829 0 11,829 2019-20 0 0 0 | 2020-21 17,313 17,313 2020-21 17,313 0 17,313 PROJE Systemwid Systemwid 2020-21 0 0 | 2021-22 28,000 2021-22 28,000 0 28,000 38,000 CT #: 96 de de 2021-22 0 0 | 27,893 27,893 FUTURE 27,893 0 27,893 7190 FUTURE 0 0 | 126,000 126,000 TOTAL 120,674 5,326 126,000 TOTAL 18,956 15,410 |
| REVENUE SCHEDULE: BBC GOB Financing TOTAL REVENUES: EXPENDITURE SCHEDULE: Construction Planning and Design TOTAL EXPENDITURES: WATER PIPES AND INFRASTRUC DESCRIPTION: Replace pipe a LOCATION: Countywide Various Sites REVENUE SCHEDULE: Future WASD Revenue Bonds WASD Revenue Bonds Sold Water Renewal and Replacement Fund | PRIOR 2,063 2,063 PRIOR 15 2,048 2,063 TURE PROJEC nd construct infrat PRIOR 0 15,410 10,963 | 2016-17 3,635 2016-17 357 3,278 3,635 3,635 CTS structure repa | 2017-18 14,084 2017-18 14,084 0 14,084 irs Distri Distri Distri 2017-18 6,047 0 8,000 | 2018-19 21,183 21,183 2018-19 21,183 0 21,183 21,183 ict Located: ict Located: ict(s) Served: 2018-19 11,157 0 8,000 | 11,829 11,829 0 11,829 0 11,829 0 11,829 0 0 0 0 0 8,000 | 2020-21 17,313 17,313 2020-21 17,313 0 17,313 PROJE Systemwid Systemwid 2020-21 0 0 8,000 | 2021-22 28,000 2021-22 28,000 0 28,000 CT #: 96 de de 2021-22 0 0 0 8,000 | 27,893 27,893 FUTURE 27,893 0 27,893 7190 FUTURE 0 0 8,000 | 126,000 126,000 TOTAL 120,674 5,326 126,000 126,000 TOTAL 18,956 15,410 66,963 |
| REVENUE SCHEDULE: BBC GOB Financing TOTAL REVENUES: EXPENDITURE SCHEDULE: Construction Planning and Design TOTAL EXPENDITURES: WATER PIPES AND INFRASTRUC DESCRIPTION: Replace pipe a LOCATION: Countywide Various Sites REVENUE SCHEDULE: Future WASD Revenue Bonds WASD Revenue Bonds Sold Water Renewal and Replacement Fund TOTAL REVENUES: | PRIOR 2,063 2,063 PRIOR 15 2,048 2,063 TURE PROJEC nd construct infra- md construct infra- 0 15,410 10,963 26,373 | 2016-17 3,635 2016-17 357 3,278 3,635 CTS structure reparent 2016-17 1,752 0 8,000 9,752 | 2017-18 14,084 2017-18 14,084 0 14,084 14,084 0 14,084 irs Distri 2017-18 6,047 0 8,000 14,047 | 2018-19 21,183 21,183 2018-19 21,183 0 21,183 21,183 ict Located: ict Located: ict(s) Served: 2018-19 11,157 0 8,000 19,157 | 11,829 2019-20 11,829 0 11,829 2019-20 0 0 0 8,000 8,000 | 2020-21 17,313 17,313 2020-21 17,313 0 17,313 PROJE Systemwid Systemwid 2020-21 0 0 8,000 8,000 | 2021-22 28,000 2021-22 28,000 0 28,000 CT #: 96 de 2021-22 0 0 0 8,000 8,000 | 27,893 27,893 FUTURE 27,893 0 27,893 7190 FUTURE 0 0 8,000 8,000 | 126,000 126,000 TOTAL 120,674 5,326 126,000 126,000 126,000 126,000 126,000 126,000 126,000 126,000 126,000 120,674 5,326 126,000 126,000 120,674 5,326 126,000 126,000 120,674 5,326 126,000 126,000 126,000 120,674 5,326 126,000 126,00 |
| REVENUE SCHEDULE: BBC GOB Financing TOTAL REVENUES: EXPENDITURE SCHEDULE: Construction Planning and Design TOTAL EXPENDITURES: WATER PIPES AND INFRASTRUC DESCRIPTION: Replace pipe a LOCATION: Countywide Various Sites REVENUE SCHEDULE: Future WASD Revenue Bonds WASD Revenue Bonds Sold Water Renewal and Replacement Fund | PRIOR 2,063 2,063 PRIOR 15 2,048 2,063 TURE PROJEC nd construct infrat PRIOR 0 15,410 10,963 26,373 PRIOR | 2016-17 3,635 2016-17 357 3,278 3,635 CTS structure reparant 2016-17 1,752 0 8,000 9,752 2016-17 | 2017-18 14,084 2017-18 14,084 0 14,084 irs Distri Distri 2017-18 6,047 0 8,000 14,047 2017-18 | 2018-19 21,183 21,183 2018-19 21,183 0 21,183 21,183 ict Located: ict(s) Served: 2018-19 11,157 0 8,000 19,157 2018-19 | 11,829 2019-20 11,829 0 11,829 2019-20 0 0 0 0 8,000 8,000 2019-20 | 2020-21 17,313 17,313 2020-21 17,313 0 17,313 PROJE Systemwid Systemwid 2020-21 0 0 8,000 2020-21 | 2021-22 28,000 2021-22 28,000 0 28,000 CT #: 96 de de 2021-22 0 0 0 8,000 8,000 2021-22 | 27,893 27,893 FUTURE 27,893 0 27,893 7190 FUTURE 0 0 8,000 FUTURE | 126,000 126,000 TOTAL 120,674 5,326 126,000 126,000 126,000 126,000 126,000 126,000 126,000 126,000 126,000 126,000 120,674 5,326 126,000 126,000 120,674 5,326 126,000 126,000 120,674 5,326 126,000 126,000 126,000 120,674 5,326 126,000 106,963 101,329 TOTAL |
| REVENUE SCHEDULE: BBC GOB Financing TOTAL REVENUES: EXPENDITURE SCHEDULE: Construction Planning and Design TOTAL EXPENDITURES: WATER PIPES AND INFRASTRUC DESCRIPTION: Replace pipe a LOCATION: Countywide Various Sites REVENUE SCHEDULE: Future WASD Revenue Bonds WASD Revenue Bonds Sold Water Renewal and Replacement Fund TOTAL REVENUES: EXPENDITURE SCHEDULE: | PRIOR 2,063 2,063 PRIOR 15 2,048 2,063 TURE PROJEC nd construct infra- md construct infra- 0 15,410 10,963 26,373 | 2016-17 3,635 2016-17 357 3,278 3,635 CTS structure reparent 2016-17 1,752 0 8,000 9,752 | 2017-18 14,084 2017-18 14,084 0 14,084 14,084 0 14,084 irs Distri 2017-18 6,047 0 8,000 14,047 | 2018-19 21,183 21,183 2018-19 21,183 0 21,183 21,183 ict Located: ict Located: ict(s) Served: 2018-19 11,157 0 8,000 19,157 | 11,829 2019-20 11,829 0 11,829 2019-20 0 0 0 8,000 8,000 | 2020-21 17,313 17,313 2020-21 17,313 0 17,313 PROJE Systemwid Systemwid 2020-21 0 0 8,000 8,000 | 2021-22 28,000 2021-22 28,000 0 28,000 CT #: 96 de 2021-22 0 0 0 8,000 8,000 | 27,893 27,893 FUTURE 27,893 0 27,893 7190 FUTURE 0 0 8,000 8,000 | 126,000 126,000 TOTAL 120,674 5,326 126,000 126,000 126,000 126,000 126,000 126,000 126,000 126,000 126,000 120,674 5,326 126,000 126,000 120,674 5,326 126,000 126,000 120,674 5,326 126,000 126,000 126,000 120,674 5,326 126,000 126,00 |

| 10 | ectrical control panels | s, pumps and | | , | | | | | |
|--|---|---|---|---|---|--|--|---|--|
| LOCATION: Various Sil Various Sil | | | | ct Located: ct(s) Served: | | 6 Systemwid | de | | |
| | | | | | | | | | |
| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| BBC GOB Financing | 20 | 40 | 111 | 100 | 0 | 0 | 0 | 0 | 271 |
| BBC GOB Series 2008B-1 BBC GOB Series 2011A | 559 8 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 559 8 |
| TOTAL REVENUES: | 587 | 40 | 111 | 100 | 0 | 0 | 0 | 0 | 838 |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | 587 | 40 | 111 | 100 | 2013-20 | 020-21 | 0 | 0 | 838 |
| TOTAL EXPENDITURES: | 587 | 40 | 111 | 100 | 0 | 0 | 0 | 0 | 838 |
| | | | | | | | | | |
| WASTEWATER COMMERCIAL | CORRIDORS ECO | NOMIC DE | VELOPMEN | т | | PROJE | CT #: 96 | 8090 | |
| | sewer service to com | mercial prope | rties utilizing s | eptic tanks | | | | | |
| LOCATION: Various Sit | | | | ct Located: | | TBD TBD | | | |
| moughou | t Miami-Dade County | | DISU | ct(s) Served: | | IDD | | | |
| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | ΤΟΤΑΙ |
| Future WASD Revenue Bonds | 0 | 561 | 882 | 435 | 5,364 | 5,859 | 3,000 | 134,493 | 150,594 |
| WASD Revenue Bonds Sold | 3,319 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,319 |
| TOTAL REVENUES: | 3,319 | 561 | 882 | 435 | 5,364 | 5,859 | 3,000 | 134,493 | 153,913 |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAI |
| Construction | 2,656 | 449 | 706 | 348 | 4,291 | 4,687 | 2,400 | 107,594 | 123,13 |
| Land Acquisition/Improvements | 132 531 | 22 90 | 35 141 | 17 70 | 215 858 | 234 938 | 120 480 | 5,380 | 6,15 |
| Planning and Design | | | | | | | | 21,519 | 24,62 |
| TOTAL EXPENDITURES: | 3,319 | 561 | 882 | 435 | 5,364 | 5,859 | 3,000 | 134,493 | 153,913 |
| WASTEWATER COLLECTION DESCRIPTION: Design, co | AND TRANSMISSI | | | n infractructu | ra linas ta con | PROJE | | 8150 | |
| LOCATION: Various Sit | | | | ct Located: | | Countywic | | | |
| | t Miami-Dade County | | | ct(s) Served: | | Countywic | | | |
| | | | | | | | | | |
| | 88165 | 0040 47 | 0047.40 | 0040 40 | 0040.00 | 0000 04 | 0004 00 | FUTURE | |
| | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenue Bonds | 78,223 | 7,223 | 54,200 | 42,277 | 20,770 | 15,024 | 15,273 | 136,984 | 369,974 |
| | 78,223 42,645 | 7,223 0 | | | | | | | 369,974 42,645 |
| Future WASD Revenue Bonds WASD Revenue Bonds Sold | 78,223 | 7,223 | 54,200 0 | 42,277 0 | 20,770 0 | 15,024 0 | 15,273 0 | 136,984 0 | 369,974 |
| Future WASD Revenue Bonds WASD Revenue Bonds Sold Wastewater Connection Charges Wastewater Renewal Fund | 78,223 42,645 16,489 | 7,223 0 4,964 | 54,200 0 0 | 42,277 0 0 | 20,770 0 0 | 15,024 0 0 | 15,273 0 0 | 136,984 0 0 | 369,974 42,64 21,45 8,082 |
| Future WASD Revenue Bonds WASD Revenue Bonds Sold Wastewater Connection Charges Wastewater Renewal Fund TOTAL REVENUES: | 78,223 42,645 16,489 8,082 145,439 | 7,223 0 4,964 0 | 54,200 0 0 5 4,200 | 42,277 0 0 0 4 2,277 | 20,770 0 0 0 | 15,024 0 0 0 | 15,273 0 0 0 | 136,984 0 0 0 | 369,974 42,645 21,453 |
| Future WASD Revenue Bonds WASD Revenue Bonds Sold Wastewater Connection Charges Wastewater Renewal Fund TOTAL REVENUES: | 78,223 42,645 16,489 8,082 | 7,223 0 4,964 0 12,187 | 54,200 0 0 0 | 42,277 0 0 0 | 20,770 0 0 20,770 | 15,024 0 0 0 1 5,024 | 15,273 0 0 0 1 5,273 | 136,984 0 0 0 136,984 | 369,974 42,644 21,453 8,082 442,154 TOTAL |
| WASD Revenue Bonds Sold Wastewater Connection Charges Wastewater Renewal Fund TOTAL REVENUES: EXPENDITURE SCHEDULE: | 78,223 42,645 16,489 8,082 145,439 PRIOR | 7,223 0 4,964 0 12,187 2016-17 | 54,200 0 0 0 54,200 2017-18 | 42,277 0 0 0 42,277 2018-19 | 20,770 0 0 0 20,770 2019-20 | 15,024 0 0 0 15,024 2020-21 | 15,273 0 0 0 15,273 2021-22 | 136,984 0 0 0 136,984 FUTURE | 369,974 42,645 21,453 8,082 442,154 |
| Future WASD Revenue Bonds WASD Revenue Bonds Sold Wastewater Connection Charges Wastewater Renewal Fund TOTAL REVENUES: EXPENDITURE SCHEDULE: Construction | 78,223 42,645 16,489 8,082 145,439 PRIOR 92,876 | 7,223 0 4,964 0 12,187 2016-17 47,411 | 54,200 0 0 54,200 2017-18 48,238 | 42,277 0 0 42,277 2018-19 37,627 | 20,770 0 0 20,770 2019-20 18,485 | 15,024 0 0 0 15,024 2020-21 13,371 | 15,273 0 0 0 15,273 2021-22 13,593 | 136,984 0 0 136,984 FUTURE 121,916 | 369,97 42,64 21,45 8,08 442,15 TOTA 393,51 |

| Sites | | liring service i | mprovements | | | | | |
|--------------------------|---|---|---|---|---|--|--|---|
| | | Distri | ct Located: ct(s) Served: | | Systemwie Systemwie | | | |
| PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | ΤΟΤΑΙ |
| 1 | - | - | - | - | - | - | - | 1,438 28,933 |
| | - | , | - , | , | , | , | , | 30,37 |
| PRIOR 9,371 | 2016-17 3,000 | 2017-18 3,000 | 2018-19 3,000 | 2019-20 3,000 | 2020-21 3,000 | 2021-22 3,000 | FUTURE 3,000 | TOTA 30,37 |
| 9,371 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 30,37 |
| PRIOR struction 1,326 | 2016-17 0 | 2017-18 0 | 2018-19 0 | 2019-20 0 | 2020-21 0 | 2021-22 0 | FUTURE 0 | TOTA 1,32 |
| 1,326 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,32 |
| PRIOR 866 | 2016-17 148 | 2017-18 312 | 2018-19 0 | 2019-20 0 | 2020-21 0 | 2021-22 0 | FUTURE 0 | TOTA 1,320 |
| 866 | 148 | 312 | 0 | 0 | 0 | 0 | 0 | 1,32 |
| | 1,438 10,933 12,371 PRIOR 9,371 | 1,438 0 10,933 0 12,371 0 PRIOR 2016-17 9,371 3,000 9,371 | 1,438 0 0 10,933 0 3,000 12,371 0 3,000 PRIOR 2016-17 2017-18 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 3,000 9,371 3,000 0 9,370 | 1,438 0 0 0 10,933 0 3,000 3,000 12,371 0 3,000 3,000 PRIOR 2016-17 2017-18 2018-19 9,371 3,000 3,000 3,000 9,371 3,000 3,000 3,000 9,371 3,000 3,000 3,000 9,371 3,000 3,000 3,000 9,371 3,000 3,000 3,000 9,371 3,000 3,000 3,000 9,371 3,000 3,000 3,000 9,371 3,000 3,000 3,000 9,371 3,000 3,000 3,000 9,371 3,000 3,000 3,000 9,371 3,000 3,000 3,000 9,371 3,000 3,000 3,000 9,371 3,000 3,000 3,000 9,371 0 District Located: District(s) Served: ttruction | 1,438 0 0 0 0 10,933 0 3,000 3,000 3,000 12,371 0 3,000 3,000 3,000 PRIOR 2016-17 2017-18 2018-19 2019-20 9,371 3,000 3,000 3,000 3,000 9,371 3,000 3,000 3,000 3,000 9,371 3,000 3,000 3,000 3,000 9,371 3,000 3,000 3,000 3,000 9,371 3,000 3,000 3,000 3,000 9,371 3,000 3,000 3,000 3,000 9,371 3,000 3,000 3,000 3,000 9,371 3,000 3,000 3,000 3,000 9,371 3,000 3,000 3,000 3,000 9,371 3,000 3,000 3,000 3,000 9,371 0 0 0 0 ttruction 1,326 | 1,438 0 <th>1,438 0<th>1,438 0</th></th> | 1,438 0 <th>1,438 0</th> | 1,438 0 |

| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
|------------------------------------|-------|---------|---------|---------|---------|---------|---------|--------|--------|
| Future WASD Revenue Bonds | 0 | 2,500 | 8,032 | 7,366 | 127 | 0 | 0 | 0 | 18,025 |
| WASD Revenue Bonds Sold | 2,934 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,934 |
| Water Construction Fund | 344 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 344 |
| Water Renewal and Replacement Fund | 335 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 335 |
| TOTAL REVENUES: | 3,613 | 2,500 | 8,032 | 7,366 | 127 | 0 | 0 | 0 | 21,638 |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | 3,578 | 2,475 | 7,952 | 7,292 | 125 | 0 | 0 | 0 | 21,422 |
| Planning and Design | 35 | 25 | 80 | 74 | 2 | 0 | 0 | 0 | 216 |
| TOTAL EXPENDITURES: | 3,613 | 2,500 | 8,032 | 7,366 | 127 | 0 | 0 | 0 | 21,638 |

SOUTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

PROJECT #: 9650021

| DESCRIPTION: | Construct various water transmission mains to serve south Miami-Dade County after the new South Miami Heights water treatment plant is in service | | | | | | | | | |
|---------------------|--|-------|---------|---------|--------------------------------|---------|------------------------|---------|--------|--------|
| LOCATION: | South Miami-Dao Various Sites | | | | ict Located: ict(s) Served: | | Systemwie Systemwie | | | |
| | | | | | | | | | | |
| REVENUE SCHEDULE | : | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenu | e Bonds | 0 | 258 | 751 | 4,782 | 851 | 2,492 | 8,738 | 978 | 18,850 |
| TOTAL REVENUES: | | 0 | 258 | 751 | 4,782 | 851 | 2,492 | 8,738 | 978 | 18,850 |
| EXPENDITURE SCHE | DULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | | 0 | 214 | 623 | 3,969 | 706 | 2,068 | 7,253 | 812 | 15,645 |
| Planning and Design | | 0 | 44 | 128 | 813 | 145 | 424 | 1,485 | 166 | 3,205 |
| TOTAL EXPENDITURI | ES: | 0 | 258 | 751 | 4,782 | 851 | 2,492 | 8,738 | 978 | 18,850 |
| | | | | | | | | | | |
| | | | | | | | | | | |

WATER TREATMENT PLANT - ALEXANDER ORR, JR. EXPANSION

 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: Future WASD Revenue Bonds WASD Revenue Bonds Sold | PRIOR 0 9,159 | 2016-17 17,606 0 | 2017-18 17,438 0 | 2018-19 40,306 0 | 2019-20 31,214 0 | 2020-21 20,496 0 | 2021-22 12,953 0 | FUTURE 4,796 0 | TOTAL 144,809 9,159 |
|---|----------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-----------------------------|----------------------------------|
| TOTAL REVENUES: | 9,159 | 17,606 | 17,438 | 40,306 | 31,214 | 20,496 | 12,953 | 4,796 | 153,968 |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | 7,877 | 15,141 | 14,996 | 34,663 | 26,844 | 17,626 | 11,140 | 4,125 | 132,412 |
| Major Machinery and Equipment | 92 | 176 | 175 | 403 | 312 | 206 | 129 | 48 | 1,541 |
| Planning and Design | 1,190 | 2,289 | 2,267 | 5,240 | 4,058 | 2,664 | 1,684 | 623 | 20,015 |
| TOTAL EXPENDITURES: | 9,159 | 17,606 | 17,438 | 40,306 | 31,214 | 20,496 | 12,953 | 4,796 | 153,968 |

WATER TREATMENT PLANT - HIALEAH/PRESTON IMPROVEMENTS

PROJECT #: 9650041

PROJECT #: 9650031

| | storage, new laboratory, filter backwash water tank | ; install two emergency generators; c | onstruct chlorine facilities; and |
|-----------|---|---------------------------------------|-----------------------------------|
| | various upgrades to plant and remote storage | | |
| LOCATION: | 700 W 2 Ave and 1100 W 2 Ave | District Located: | 6 |
| | Hialeah | District(s) Served: | Systemwide |
| | | | |

DESCRIPTION: Construct pump station east of the reservoir outside the transmission loop; construct five-mega-gal elevated remote

| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
|-------------------------------|--------|---------|---------|---------|---------|---------|---------|--------|--------|
| Future WASD Revenue Bonds | 1,138 | 10,801 | 2,991 | 4,373 | 5,172 | 744 | 12,401 | 30,283 | 67,903 |
| WASD Revenue Bonds Sold | 12,075 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12,075 |
| TOTAL REVENUES: | 13,213 | 10,801 | 2,991 | 4,373 | 5,172 | 744 | 12,401 | 30,283 | 79,978 |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | 9,513 | 7,777 | 2,153 | 3,149 | 3,724 | 536 | 8,929 | 21,804 | 57,585 |
| Land Acquisition/Improvements | 1,850 | 1,512 | 419 | 612 | 724 | 104 | 1,736 | 4,239 | 11,196 |
| Planning and Design | 1,850 | 1,512 | 419 | 612 | 724 | 104 | 1,736 | 4,240 | 11,197 |
| TOTAL EXPENDITURES: | 13,213 | 10,801 | 2,991 | 4,373 | 5,172 | 744 | 12,401 | 30,283 | 79,978 |

Estimated Annual Operating Impact will begin in FY 2019-20 in the amount of \$15,000,000

| WATER EQUIPMENT AND VEHICLE | - | | | | | PROJE | CT #: 96 | 50141 | |
|---|----------------|----------------|---------|---|-----------|------------------------|----------|---------|---------|
| DESCRIPTION: Acquire vehicles, LOCATION: Systemwide Various Sites | equipment, and | d associated v | Distri | capital support ict Located: ict(s) Served: | materials | Systemwic Systemwic | | | |
| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenue Bonds | 0 | 0 | 750 | 1,850 | 3,363 | 7,842 | 12,713 | 223,084 | 249,602 |
| WASD Revenue Bonds Sold | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52 |
| Water Renewal and Replacement Fund | 42,806 | 5,842 | 5,200 | 5,200 | 5,200 | 5,200 | 5,200 | 5,200 | 79,848 |
| TOTAL REVENUES: | 42,858 | 5,842 | 5,950 | 7,050 | 8,563 | 13,042 | 17,913 | 228,284 | 329,502 |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Major Machinery and Equipment | 35,704 | 12,996 | 5,950 | 7,050 | 8,563 | 13,042 | 17,913 | 228,284 | 329,502 |
| TOTAL EXPENDITURES: | 35,704 | 12,996 | 5,950 | 7,050 | 8,563 | 13,042 | 17,913 | 228,284 | 329,502 |
| | | | | | | | | | |

| | · · · · · · · · · · · · · · · · · · · | | | | | | | PROJECT #: 9650161 | | | | |
|---|---------------------------------------|---------|---------|------------------------------|--------------|------------------------|---------|--------------------|--------|--|--|--|
| LOCATION: Water Treatmen Various Sites | • | | Distri | ct Located: ct(s) Served: | pierit cited | Systemwic Systemwic | | | | | | |
| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL | | | |
| Future WASD Revenue Bonds | 0 | 5,500 | 4,045 | 5,516 | 0 | 0 | 0 | 0 | 15,061 | | | |
| WASD Revenue Bonds Sold | 3,089 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,089 | | | |
| Water Renewal and Replacement Fund | 12,695 | 0 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 27,695 | | | |
| TOTAL REVENUES: | 15,784 | 5,500 | 6,545 | 8,016 | 2,500 | 2,500 | 2,500 | 2,500 | 45,845 | | | |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL | | | |
| Construction | 13,601 | 7,683 | 6,545 | 8,016 | 2,500 | 2,500 | 2,500 | 2,500 | 45,845 | | | |
| TOTAL EXPENDITURES: | 13,601 | 7,683 | 6,545 | 8,016 | 2,500 | 2,500 | 2,500 | 2,500 | 45,845 | | | |

| WATER SYSTEM MA | ATER SYSTEM MAINTENANCE AND UPGRADES DESCRIPTION: Maintain and develop existing water system facilities, structures, and equipment | | | | | | | PROJECT #: 9650181 | | | |
|----------------------|---|------------------|----------------|-------------------|-----------------|---------|-----------|--------------------|--------|---------|--|
| DESCRIPTION: | Maintain and deve | elop existing wa | ater system fa | cilities, structu | ires, and equip | pment | | | | | |
| LOCATION: | Systemwide | | | Distri | ct Located: | | Systemwid | de | | | |
| | Various Sites | | | Distri | ct(s) Served: | | Systemwic | de | | | |
| | | | | | | | | | | | |
| REVENUE SCHEDULE | : | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL | |
| WASD Revenue Bonds | s Sold | 6,593 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,593 | |
| Water Renewal and Re | eplacement Fund | 33,695 | 15,886 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 139,581 | |
| TOTAL REVENUES: | = | 40,288 | 15,886 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 146,174 | |
| EXPENDITURE SCHEE | DULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL | |
| Construction | | 36,868 | 17,059 | 14,400 | 14,400 | 14,400 | 14,400 | 14,400 | 14,400 | 140,327 | |
| Planning and Design | _ | 1,536 | 711 | 600 | 600 | 600 | 600 | 600 | 600 | 5,847 | |
| TOTAL EXPENDITURE | | 38,404 | 17,770 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 15,000 | 146,174 | |

| | | | duna infiltratio | n and inflaw | | | PROJE | ECT #: 96 | 50201 | |
|---|---|---|--|---|---|---|--|---|---------------------------------|--|
| LOCATION: S | Rehabilitate gravity Systemwide /arious Sites | sewers to rea | duce infiltratio | Distri | ict Located: ict(s) Served: | | Systemwie Systemwie | | | |
| REVENUE SCHEDULE: Future WASD Revenue B | landa | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | |
| WASD Revenue Bonds S | | 3,670 5,153 | 1,376 0 | 1,258 0 | 1,050 0 | 650 0 | 350 0 | 224 0 | 0 0 | 8,578 5,153 |
| TOTAL REVENUES: | _ | 8,823 | 1,376 | 1,258 | 1,050 | 650 | 350 | 224 | 0 | 13,73 |
| | I F. | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | τοτα |
| Construction | LL. | 8,381 | 1,307 | 1,195 | 998 | 618 | 333 | 202 1-22 | 0 | 13,04 |
| Planning and Design | | 442 | 69 | 63 | 52 | 32 | 17 | 11 | 0 | 68 |
| TOTAL EXPENDITURES: | | 8,823 | 1,376 | 1,258 | 1,050 | 650 | 350 | 224 | 0 | 13,73 |
| d LOCATION: S | STEM IMPROV Construct sanitary listricts Systemwide /arious Sites | - | improvement | Distri | from the spec ict Located: ict(s) Served: | ial constructio | PROJE n fund includii Systemwie Systemwie | ng special tax de | :50221 :ing | |
| REVENUE SCHEDULE: Wastewater Special Cons | struction Fund | PRIOR 50,380 | 2016-17 0 | 2017-18 0 | 2018-19 0 | 2019-20 0 | 2020-21 0 | 2021-22 0 | FUTURE 0 | TOTA 50,38 |
| TOTAL REVENUES: | | 50,380 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50,38 |
| EXPENDITURE SCHEDU | LE: | PRIOR 5,288 | 2016-17 2,500 | 2017-18 2,500 | 2018-19 2,500 | 2019-20 2,500 | 2020-21 2,500 | 2021-22 32,592 | FUTURE 0 | TOTA 50,38 |
| TOTAL EXPENDITURES: | | 5,288 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 32,592 | 0 | 50,38 |
| fr LOCATION: V | E WASTEWATE Construct a force n rom Miami Beach Vastewater Syster City of Miami | nain crossing to the Central | Bear Cut, a fo District Waste | rce main in Fl ewater Treatm Distri | agler St from S | | PROJE SW 10 Ave, a Systemwid Systemwid | and a force ma | 3 50241 ain | |
| | | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | ΤΟΤΑ |
| | | | 7,127 | 17,360 | 17,450 | 18,583 | 19,421 | 13,430 | 55,255 | 149,75 |
| | Bonds | 1.132 | | , | | 0 | 0 | 0 | 828 | |
| Future WASD Revenue B | Bonds | 1,132 0 | 0 | 0 | 0 | 0 | | | 010 | 82 |
| Future WASD Revenue B | | | | 0 0 | 0 | 0 | 0 | 0 | 0 | |
| Future WASD Revenue B WASD Future Funding WASD Revenue Bonds S | Sold | 0 | 0 | | | | 0 7,000 | | | 6,50 |
| Future WASD Revenue B WASD Future Funding WASD Revenue Bonds S Wastewater Connection (| Sold | 0 6,505 | 0 | 0 | 0 | 0 | | 0 | 0 | 6,50 65,21 |
| Future WASD Revenue B WASD Future Funding WASD Revenue Bonds S Wastewater Connection C TOTAL REVENUES: | old Charges | 0 6,505 13,352 | 0 0 6,132 | 0 4,000 | 0 5,000 | 0 5,000 | 7,000 | 0 7,000 | 0 17,732 | 6,50 65,21 222,30 |
| Future WASD Revenue B WASD Future Funding WASD Revenue Bonds S Wastewater Connection O TOTAL REVENUES: | old Charges | 0 6,505 13,352 20,989 | 0 0 6,132 13,259 | 0 4,000 21,360 | 0 5,000 22,450 | 0 5,000 23,583 | 7,000 26,421 | 0 7,000 20,430 | 0 17,732 73,815 | 823 6,509 65,210 222,30 TOTAI 191,183 |
| WASD Future Funding WASD Revenue Bonds S Wastewater Connection O TOTAL REVENUES: EXPENDITURE SCHEDU | old Charges | 0 6,505 13,352 20,989 PRIOR | 0 0 6,132 13,259 2016-17 | 0 4,000 21,360 2017-18 | 0 5,000 22,450 2018-19 | 0 5,000 23,583 2019-20 | 7,000 26,421 2020-21 | 0 7,000 20,430 2021-22 | 0 17,732 73,815 FUTURE | 6,50 65,21 222,30 TOTA |

Estimated Annual Operating Impact will begin in FY 2019-20 in the amount of \$2,253,000

| WATER GENERAL MAINTENANCE DESCRIPTION: Construct region | AND OFFICE | | ties and stora | ae warehouse | PROJE | CT #: 96 | 50271 | | |
|---|----------------------------|--------------------------------|-----------------------------------|--|--------------------------------|-----------------------------------|-----------------------------|-------------------------|---------------------------------|
| LOCATION: Systemwide Various Sites | ai general mani | enance cente | Distri | District Located: District(s) Served: | | | de de | | |
| REVENUE SCHEDULE: Future WASD Revenue Bonds WASD Revenue Bonds Sold | PRIOR 0 1,335 | 2016-17 8,520 0 | 2017-18 11,759 0 | 2018-19 11,192 0 | 2019-20 5,637 0 | 2020-21 18,040 0 | 2021-22 349 0 | FUTURE 0 0 | TOTAL 55,497 1,335 |
| TOTAL REVENUES: | 1,335 | 8,520 | 11,759 | 11,192 | 5,637 | 18,040 | 349 | 0 | 56,832 |
| EXPENDITURE SCHEDULE: Construction Planning and Design | PRIOR 1,201 134 | 2016-17 7,668 852 | 2017-18 10,583 1,176 | 2018-19 10,073 1,119 | 2019-20 5,073 564 | 2020-21 16,236 1,804 | 2021-22 314 35 | FUTURE 0 0 | TOTAL 51,148 5,684 |
| TOTAL EXPENDITURES: | 1,335 | 8,520 | 11,759 | 11,192 | 5,637 | 18,040 | 349 | 0 | 56,832 |

| WASTEWATER EQU DESCRIPTION: | | | d associated v | ciated wastewater system capital support materials | | | | PROJECT #: 9650301 | | | |
|---|--------------------------------|----------------------------------|-----------------------------|--|---|---|---|---|----------------------------|------------------------------------|--|
| LOCATION: | N: Systemwide Various Sites | | | Distri Distri | | Systemwie | Systemwide Systemwide | | | | |
| REVENUE SCHEDULE | • | PRIOR 552 | 2016-17 0 | 2017-18 0 | 2018-19 0 | 2019-20 0 | 2020-21 0 | 2021-22 0 | FUTURE 0 | TOTAL 552 | |
| Wastewater Renewal I | | 41,380 | 12,436 | 11,500 | 11,500 | 11,500 | 11,500 | 11,500 | 11,500 | 122,816 | |
| TOTAL REVENUES: | - | 41,932 | 12,436 | 11,500 | 11,500 | 11,500 | 11,500 | 11,500 | 11,500 | 123,368 | |
| EXPENDITURE SCHEI Major Machinery and E TOTAL EXPENDITURE | Equipment | PRIOR 35,875 35.875 | 2016-17 18,493 18.493 | 2017-18 11,500 11,500 | 2018-19 11,500 11,500 | 2019-20 11,500 11,500 | 2020-21 11,500 11,500 | 2021-22 11,500 11.500 | FUTURE 11,500 11,500 | TOTAL 123,368 123,368 | |

| WASTEWATER SYS | Loquinmont | PROJE | ECT #: 96 | 50361 | | | | | | |
|----------------------|-----------------------------|------------------|----------------|---|---------|---------|------------------------|---------|--------|---------|
| LOCATION: | Systemwide Various Sites | elop existing wa | asiewalei sysi | tem facilities, structures, and equipment District Located: District(s) Served: | | | Systemwic Systemwic | | | |
| REVENUE SCHEDULE | : | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| WASD Revenue Bond | s Sold | 3,188 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,188 |
| Wastewater Renewal F | Fund | 38,387 | 18,428 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 176,815 |
| TOTAL REVENUES: | = | 41,575 | 18,428 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 180,003 |
| EXPENDITURE SCHEI | DULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | | 41,575 | 18,428 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 180,003 |
| TOTAL EXPENDITURE | S: | 41,575 | 18,428 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 180,003 |

| DESCRIPTION: Repair, replace | TRUCTURAL N e, and upgrade exi | | ons throughout | t the wastewat | ter system | PROJE | | 50371 | |
|--|---|---|---|--|--|---|--|--|---|
| LOCATION: Systemwide Various Sites | | | | ict Located: ict(s) Served: | | Systemwie Systemwie | | | |
| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | ΤΟΤΑΙ |
| Future WASD Revenue Bonds | 650 | 2,500 | 3,058 | 4,500 | 4,049 | 4,500 | 4,172 | 29,000 | 52,429 |
| WASD Revenue Bonds Sold | 2,009 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,009 |
| Wastewater Renewal Fund | 6,344 | 0 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 18,34 |
| OTAL REVENUES: | 9,003 | 2,500 | 5,058 | 6,500 | 6,049 | 6,500 | 6,172 | 31,000 | 72,78 |
| XPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTA |
| Construction | 6,798 | 1,946 | 3,844 | 4,940 | 4,597 | 4,940 | 4,690 | 23,560 | 55,31 |
| Land Acquisition/Improvements | 1,251 | 358 | 708 | 910 | 847 | 910 | 864 | 4,340 | 10,18 |
| Planning and Design | 894 | 256 | 506 | 650 | 605 | 650 | 618 | 3,100 | 7,27 |
| OTAL EXPENDITURES: | 8,943 | 2,560 | 5,058 | 6,500 | 6,049 | 6,500 | 6,172 | 31,000 | 72,78 |
| | | | | | | | | | |
| | | 2016 17 | 2017 19 | 2018 10 | 2010 20 | 2020.21 | 2024 22 | EUTUDE | τοται |
| | PRIOR 7,087 | 2016-17 595 | 2017-18 1,000 | 2018-19 1,000 | 2019-20 1,000 | 2020-21 2,000 | 2021-22 2,000 | FUTURE 0 | TOTA 14,68 |
| Water Special Construction Fund | | | | | | | | | |
| Water Special Construction Fund OTAL REVENUES: | 7,087 | 595 | 1,000 | 1,000 | 1,000 | 2,000 | 2,000 | 0 | 14,68 |
| Water Special Construction Fund OTAL REVENUES: XPENDITURE SCHEDULE: | 7,087 7,087 | 595 595 | 1,000 1,000 | 1,000 1,000 | 1,000 1,000 | 2,000 2,000 | 2,000 2,000 | 0 | 14,68 14,68 |
| Water Special Construction Fund OTAL REVENUES: XPENDITURE SCHEDULE: Construction | 7,087 7,087 PRIOR | 595 595 2016-17 | 1,000 1,000 2017-18 | 1,000 1,000 2018-19 | 1,000 1,000 2019-20 | 2,000 2,000 2020-21 | 2,000 2,000 2021-22 | 0 0 FUTURE | 14,68 14,68 TOTA 14,68 |
| Water Special Construction Fund OTAL REVENUES: XPENDITURE SCHEDULE: Construction OTAL EXPENDITURES: OUTH DISTRICT WASTEWATER IPROVEMENTS DESCRIPTION: Construct pipin | 7,087 7,087 PRIOR 6,182 6,182 | 595 595 2016-17 1,500 1,500 ON MAINS A | 1,000 1,000 2017-18 1,000 1,000 ND PUMP S n number 536 Distri | 1,000 1,000 2018-19 1,000 1,000 | 1,000 1,000 2019-20 1,000 1,000 | 2,000 2,000 2020-21 2,000 2,000 | 2,000 2,000 2021-22 2,000 2,000 ECT #: 96 | 0 0 FUTURE 0 | 14,68 14,68 TOTA 14,68 |
| Water Special Construction Fund OTAL REVENUES: XPENDITURE SCHEDULE: Construction OTAL EXPENDITURES: OUTH DISTRICT WASTEWATER MPROVEMENTS DESCRIPTION: Construct pipin LOCATION: Wastewater Sy Various Sites EVENUE SCHEDULE: Future WASD Revenue Bonds WASD Future Funding | 7,087 7,087 PRIOR 6,182 6,182 7RANSMISSIC g improvements to rstem - South Dist PRIOR 1,962 0 | 595 595 2016-17 1,500 1,500 ON MAINS A o pump statio rrict Area 2016-17 8,212 0 | 1,000 1,000 2017-18 1,000 1,000 ND PUMP S ND PUMP S 0 Distri Distri 2017-18 18,269 0 | 1,000 1,000 2018-19 1,000 1,000 TATIONS and force main interpretation in the second sec | 1,000 1,000 2019-20 1,000 1,000 in upgrade in 2019-20 28,324 0 | 2,000 2,000 2020-21 2,000 2,000 PROJE SW 117 Ave Systemwid Systemwid Systemwid 2020-21 23,162 0 | 2,000 2,000 2021-22 2,000 2,000 CT #: 96 de de 2021-22 17,911 0 | 0 FUTURE 0 0 51061 FUTURE 160,934 24,390 | 14,68 14,68 TOTA 14,68 14,68 14,68 282,69 24,39 |
| Water Special Construction Fund OTAL REVENUES: XPENDITURE SCHEDULE: Construction OTAL EXPENDITURES: OUTH DISTRICT WASTEWATER MPROVEMENTS DESCRIPTION: Construct pipin LOCATION: Wastewater Sy Various Sites Various Sites Various Sites | 7,087 7,087 PRIOR 6,182 6,182 7RANSMISSIC g improvements t rstem - South Dist PRIOR 1,962 0 1,360 | 595 595 2016-17 1,500 1,500 ON MAINS A o pump statio rrict Area 2016-17 8,212 0 0 | 1,000 1,000 2017-18 1,000 1,000 ND PUMP S n number 536 Distri Distri 2017-18 18,269 0 0 0 | 1,000 1,000 2018-19 1,000 1,000 5TATIONS and force ma ict Located: ict Located: ict(s) Served: 2018-19 23,917 0 0 | 1,000 1,000 2019-20 1,000 1,000 in upgrade in 2019-20 28,324 0 0 0 | 2,000 2,000 2020-21 2,000 2,000 PROJE SW 117 Ave Systemwid Systemwid 2020-21 23,162 0 0 | 2,000 2,000 2021-22 2,000 2,000 ECT #: 96 de de de 2021-22 17,911 0 0 | 0 FUTURE 0 0 51061 FUTURE 160,934 24,390 0 | 14,68 14,68 TOTA 14,68 14,68 14,68 282,69 24,39 1,36 |
| Water Special Construction Fund OTAL REVENUES: XPENDITURE SCHEDULE: Construction OTAL EXPENDITURES: OUTH DISTRICT WASTEWATER IPROVEMENTS DESCRIPTION: Construct pipin LOCATION: Wastewater Sy Various Sites EVENUE SCHEDULE: Future WASD Revenue Bonds WASD Future Funding WASD Revenue Bonds Sold OTAL REVENUES: | 7,087 7,087 PRIOR 6,182 6,182 7RANSMISSIC g improvements to stem - South Dist PRIOR 1,962 0 1,360 3,322 | 595 595 2016-17 1,500 1,500 ON MAINS A o pump statio rict Area 2016-17 8,212 0 0 8,212 | 1,000 1,000 2017-18 1,000 1,000 ND PUMP S n number 536 Distri Distri 2017-18 18,269 0 0 18,269 | 1,000 1,000 2018-19 1,000 1,000 TATIONS and force ma ict Located: ict Located: ict(s) Served: 2018-19 23,917 0 0 23,917 | 1,000 1,000 2019-20 1,000 1,000 1,000 2019-20 28,324 0 0 28,324 | 2,000 2,000 2020-21 2,000 2,000 PROJE SW 117 Ave Systemwin Systemwin Systemwin 2020-21 23,162 0 0 | 2,000 2,000 2021-22 2,000 2,000 CCT #: 96 de de 2021-22 17,911 0 0 17,911 | 0 FUTURE 0 51061 FUTURE 160,934 24,390 0 185,324 | 14,68 14,68 TOTA 14,68 14,68 14,68 24,68 24,38 1,36 308,44 |
| Water Special Construction Fund OTAL REVENUES: EXPENDITURE SCHEDULE: Construction OTAL EXPENDITURES: OUTH DISTRICT WASTEWATER MPROVEMENTS DESCRIPTION: Construct pipin LOCATION: Wastewater Sy Various Sites REVENUE SCHEDULE: Future WASD Revenue Bonds WASD Future Funding WASD Revenue Bonds Sold OTAL REVENUES: EXPENDITURE SCHEDULE: | 7,087 7,087 PRIOR 6,182 6,182 7RANSMISSIC g improvements to istem - South Dist PRIOR 1,962 0 1,360 3,322 PRIOR | 595 595 2016-17 1,500 1,500 0N MAINS A 0 pump statio rict Area 2016-17 8,212 0 0 8,212 2016-17 | 1,000 1,000 2017-18 1,000 1,000 ND PUMP S n number 536 Distri Distri 2017-18 18,269 0 0 0 18,269 2017-18 | 1,000 1,000 2018-19 1,000 1,000 TATIONS and force ma ict Located: ict Located: ict(s) Served: 2018-19 23,917 0 0 23,917 2018-19 | 1,000 1,000 2019-20 1,000 1,000 1,000 2019-20 28,324 0 0 28,324 2019-20 | 2,000 2,000 2020-21 2,000 2,000 PROJE SW 117 Ave Systemwin Systemwin Systemwin 2020-21 23,162 0 0 0 | 2,000 2,000 2021-22 2,000 2,000 CCT #: 96 de de 2021-22 17,911 0 0 17,911 2021-22 | 0 FUTURE 0 51061 FUTURE 160,934 24,390 0 185,324 FUTURE | 14,68 14,68 TOTA 14,68 14,68 14,68 24,68 24,38 1,36 308,44 TOTA |
| LOCATION: Wastewater Sy | 7,087 7,087 PRIOR 6,182 6,182 7RANSMISSIC g improvements to stem - South Dist PRIOR 1,962 0 1,360 3,322 | 595 595 2016-17 1,500 1,500 ON MAINS A o pump statio rict Area 2016-17 8,212 0 0 8,212 | 1,000 1,000 2017-18 1,000 1,000 ND PUMP S n number 536 Distri Distri 2017-18 18,269 0 0 18,269 | 1,000 1,000 2018-19 1,000 1,000 TATIONS and force ma ict Located: ict Located: ict(s) Served: 2018-19 23,917 0 0 23,917 | 1,000 1,000 2019-20 1,000 1,000 1,000 2019-20 28,324 0 0 28,324 | 2,000 2,000 2020-21 2,000 2,000 PROJE SW 117 Ave Systemwin Systemwin Systemwin 2020-21 23,162 0 0 | 2,000 2,000 2021-22 2,000 2,000 CCT #: 96 de de 2021-22 17,911 0 0 17,911 | 0 FUTURE 0 51061 FUTURE 160,934 24,390 0 185,324 | 14,68 14,68 TOTA 14,68 14,68 14,68 24,68 24,38 1,36 308,44 |

598

3,322

1,478

8,212

3,288

18,269

4,305

23,917

5,098

28,324

4,169

23,162

3,224

17,911

33,358

185,324

55,518

308,441

Planning and Design

TOTAL EXPENDITURES:

| PUMP STATION IMPRO | | | | | | | | | | |
|---|---|------------------------------|------------------------------|------------------------------|--|-------------------------------|--|-------------------------------|---------------------------|--------------------------------|
| | | ROGRAM | | | | | PROJE | ECT #: 96 | 51071 | |
| DESCRIPTION: U | lpgrade pump st | ations systemw | vide to meet fo | precasted dem | ands | | | | | |
| LOCATION: S | ystemwide | | | Distr | ict Located: | | Systemwie | de | | |
| V | arious Sites | | | Distri | ict(s) Served: | | Systemwie | de | | |
| | | | | | | | | | | |
| REVENUE SCHEDULE: | | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenue B | onds | 46,205 | 12,545 | 27,085 | 27,972 | 4,611 | 4,536 | 4,536 | 166,312 | 293,802 |
| WASD Revenue Bonds Se | old | 13,450 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,450 |
| Wastewater Connection C | Charges | 13,000 | 11,300 | 7,000 | 8,056 | 0 | 0 | 0 | 0 | 39,356 |
| TOTAL REVENUES: | = | 72,655 | 23,845 | 34,085 | 36,028 | 4,611 | 4,536 | 4,536 | 166,312 | 346,608 |
| EXPENDITURE SCHEDUL | LE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | | 51,197 | 29,174 | 30,716 | 31,620 | 11,394 | 4,082 | 4,082 | 149,681 | 311,946 |
| Land Acquisition/Improver | ments | 568 | 324 | 342 | 352 | 127 | 46 | 46 | 1,663 | 3,468 |
| Major Machinery and Equi | ipment | 569 | 324 | 341 | 351 | 126 | 45 | 45 | 1,663 | 3,464 |
| Planning and Design | _ | 4,551 | 2,593 | 2,731 | 2,811 | 1,013 | 363 | 363 | 13,305 | 27,730 |
| TOTAL EXPENDITURES: | = | 56,885 | 32,415 | 34,130 | 35,134 | 12,660 | 4,536 | 4,536 | 166,312 | 346,608 |
| LOCATION: S | RATORS ANE astall emergency ystemwide arious Sites | | | iscellaneous u Distri | upgrades at wa ict Located: ict(s) Served: | astewater purr | PROJE op stations Systemwig Systemwig | de | 52002 | |
| REVENUE SCHEDULE: Future WASD Revenue B WASD Revenue Bonds Si | | PRIOR 1,754 649 | 2016-17 3,675 0 | 2017-18 7,194 0 | 2018-19 16,024 0 | 2019-20 13,806 0 | 2020-21 49,735 0 | 2021-22 11,880 0 | FUTURE 351 0 | TOTAL 104,419 649 |
| | = | | | | - | - | - | | | |
| TOTAL REVENUES: | - | 2,403 | 3,675 | 7,194 | 16,024 | 13,806 | 49,735 | 11,880 | 351 | 105,068 |
| EXPENDITURE SCHEDUL | LE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | · | 1,969 | 3,014 | 5,899 | 13,139 | 11,321 | 40,783 | 9,742 | 288 | 86,155 |
| Major Machinery and Equi Planning and Design | Ipment | 73 361 | 110 551 | 216 1,079 | 481 2,404 | 414 2,071 | 1,492 7,460 | 356 1,782 | 10 53 | 3,152 15,761 |
| TOTAL EXPENDITURES: | - | 2,403 | 3,675 | 7,194 | 2,404 16,024 | 13,806 | 49,735 | 11,880 | 351 | 105,068 |
| TOTAL EXPENDITORES. | | 2,403 | 3,075 | 7,194 | 10,024 | 13,000 | 49,755 | 11,000 | 331 | 105,000 |
| WASTEWATER TREAT DESCRIPTION: U | | | | | wiromonte | | PROJE | ECT #: 96 | 52061 | |
| | lpgrade wastewa /astewater Treat | • | | 0 1 | ict Located: | | Systemwi | | | |
| | arious Sites | | | | ict(s) Served: | | Systemwi | | | |
| v. | | | | Distri | | | Systematic | ue | | |
| REVENUE SCHEDULE: | | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenue B | onds | 0 | 619 | 689 | 289 | 3,793 | 160 | 907 | 0 | 6,457 |
| WASD Future Funding | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,593 | 6,593 |
| WASD Revenue Bonds Se | old | 1,250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,250 |
| TOTAL REVENUES: | = | 1,250 | 619 | 689 | 289 | 3,793 | 160 | 907 | 6,593 | 14,300 |
| EXPENDITURE SCHEDUL | LE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | | 1,175 | 582 | 648 | 272 | 3,566 | 150 | 852 | 6,198 | 13,443 |
| Planning and Design | | 75 | 37 | 41 | 17 | 227 | 10 | 55 | 395 | 857 |
| TOTAL EXPENDITURES: | = | 1,250 | 619 | 689 | 289 | 3,793 | 160 | 907 | 6,593 | 14,300 |
| IVIAL EXPENDITURES: | | 1,200 | 019 | 009 | 289 | 3,793 | 100 | 907 | 0,093 | 14,300 |

NORTH MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

PROJECT #: 9652101

| DESCRIPTION: | Improve pump st | tations to increa | se system flex | ibility | | | | | | |
|-----------------------|-----------------|-------------------|----------------|---------|----------------|---------|-----------|---------|---------|-----------|
| LOCATION: | Wastewater Syst | tem - North Disti | rict Area | Distr | ict Located: | | Systemwie | de | | |
| | Various Sites | | | Distri | ict(s) Served: | | Systemwi | de | | |
| | | | | | () | | , | | | |
| REVENUE SCHEDULE | Ē: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenu | ie Bonds | 2,948 | 6,843 | 20,257 | 21,429 | 22,363 | 33,306 | 45,823 | 357,640 | 510,609 |
| WASD Future Funding | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 599,197 | 599,197 |
| WASD Revenue Bond | ls Sold | 447 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 447 |
| Wastewater Connection | on Charges | 727 | 1,080 | 1,068 | 2,781 | 4,696 | 0 | 0 | 0 | 10,352 |
| TOTAL REVENUES: | | 4,122 | 7,923 | 21,325 | 24,210 | 27,059 | 33,306 | 45,823 | 956,837 | 1,120,605 |
| EXPENDITURE SCHE | DULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | | 3,421 | 6,576 | 17,699 | 20,094 | 22,459 | 27,644 | 38,033 | 794,175 | 930,101 |
| Planning and Design | | 701 | 1,347 | 3,626 | 4,116 | 4,600 | 5,662 | 7,790 | 162,662 | 190,504 |
| TOTAL EXPENDITURI | ES: | 4,122 | 7,923 | 21,325 | 24,210 | 27,059 | 33,306 | 45,823 | 956,837 | 1,120,605 |
| | | | | | | | | | | |

Estimated Annual Operating Impact will begin in FY 2017-18 in the amount of \$2,330,000

| WASTEWATER TEL | EMETERING SYSTEM | | PROJECT #: | 9652481 |
|----------------|---|---|------------------|---------|
| DESCRIPTION: | Install a computer system to monitor and control wa | astewater flows and pressures at variou | us pump stations | |
| LOCATION: | Systemwide | District Located: | Systemwide | |
| | Various Sites | District(s) Served: | Systemwide | |
| | | | | |

| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
|----------------------------|---------------------|--------------|---------------|----------------|---------|---------|---------|--------|-------|
| Future WASD Revenue Bonds | 700 | 579 | 0 | 0 | 0 | 0 | 0 | 0 | 1,279 |
| WASD Revenue Bonds Sold | 1,376 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,376 |
| Wastewater Renewal Fund | 2,432 | 0 | 500 | 500 | 500 | 500 | 500 | 500 | 5,432 |
| TOTAL REVENUES: | 4,508 | 579 | 500 | 500 | 500 | 500 | 500 | 500 | 8,087 |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | 3,227 | 1,860 | 500 | 500 | 500 | 500 | 500 | 500 | 8,087 |
| TOTAL EXPENDITURES: | 3,227 | 1,860 | 500 | 500 | 500 | 500 | 500 | 500 | 8,087 |
| Estimated Annual Operation | a Impact will begin | in EV 2017-1 | 8 in the amou | pt of \$10,000 | | | | | |

Estimated Annual Operating Impact will begin in FY 2017-18 in the amount of \$10,000

SOUTH MIAMI HEIGHTS WATER TREATMENT PLANT AND WELLFIELD

PROJECT #: 9652821

 DESCRIPTION:
 Construct water treatment plant, wellfields, and various water transmission mains in south Miami-Dade County

 LOCATION:
 11800 SW 208 St
 District Located:
 9

 Unincorporated Miami-Dade County
 District(s) Served:
 Systemwide

| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
|---------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Future WASD Revenue Bonds | 16,546 | 1,500 | 18,726 | 13,533 | 11,211 | 21,371 | 54,543 | 124,156 | 261,586 |
| WASD Revenue Bonds Sold | 17,457 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,457 |
| TOTAL REVENUES: | 34,003 | 1,500 | 18,726 | 13,533 | 11,211 | 21,371 | 54,543 | 124,156 | 279,043 |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | 14,036 | 18,627 | 17,228 | 12,450 | 10,314 | 19,661 | 50,179 | 114,223 | 256,718 |
| Planning and Design | 1,220 | 1,620 | 1,498 | 1,083 | 897 | 1,710 | 4,364 | 9,933 | 22,325 |
| TOTAL EXPENDITURES: | 15,256 | 20,247 | 18,726 | 13,533 | 11,211 | 21,371 | 54,543 | 124,156 | 279,043 |

Estimated Annual Operating Impact will begin in FY 2018-19 in the amount of \$20,000,000

| WASTEWATER GENERAL MAINTE | NANCE AND | OFFICE FA | CILITIES | | | PROJE | ECT #: 96 | 53201 | |
|--|-----------------|----------------|-----------------|--|------------------|--------------------------------------|-------------|------------------|-----------------|
| DESCRIPTION: Construct and/or LOCATION: Systemwide Various Sites | renovate regior | nal general ma | Distr | nters, office fa ict Located: ict(s) Served: | cilities, and st | orage wareho Systemwi Systemwi | de | | |
| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenue Bonds | 139 | 2,927 | 7,451 | 12,265 | 13,208 | 12,654 | 8,184 | 31,000 | 87,828 |
| WASD Future Funding WASD Revenue Bonds Sold | 0 1,320 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 72,031 0 | 72,031 1,320 |
| TOTAL REVENUES: | 1,320 | 2,927 | 7,451 | 12,265 | 13,208 | 12,654 | 8,184 | 103,031 | 161,179 |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | 1,328 | 2,663 | 6,780 | 11,161 | 12,019 | 11,515 | 7,448 | 93,758 | 146.672 |
| Land Acquisition/Improvements | 44 | 88 | 224 | 368 | 396 | 380 | 245 | 3,091 | 4,836 |
| Planning and Design | 87 | 176 | 447 | 736 | 793 | 759 | 491 | 6,182 | 9,671 |
| TOTAL EXPENDITURES: | 1,459 | 2,927 | 7,451 | 12,265 | 13,208 | 12,654 | 8,184 | 103,031 | 161,179 |
| NASTEWATER TREATMENT PLAN | TS REPLACE | MENT AND | RENOVATI | ON | | PROJE | ECT #: 96 | 53261 | |
| DESCRIPTION: Renovate and rep | place wastewate | er treatment p | | | within plant si | | | | |
| LOCATION: Systemwide | | | | ict Located: | | Systemwi | | | |
| Various Sites | | | Distri | ict(s) Served: | | Systemwi | de | | |
| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenue Bonds | 608 | 608 | 608 | 3,526 | 0 | 0 | 0 | 0 | 5,350 |
| WASD Future Funding | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51,650 | 51,650 |
| WASD Revenue Bonds Sold Wastewater Renewal Fund | 774 37,985 | 0 11,704 | 0 7,000 | 0 7,000 | 0 7,000 | 0 7,000 | 0 7,000 | 0 7,000 | 774 91,689 |
| TOTAL REVENUES: | 39,367 | 12,312 | 7,608 | 10,526 | 7,000 | 7,000 | 7,000 | 58,650 | 149,463 |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | 36,191 | 12,904 | 7,228 | 10,000 | 6,650 | 6,650 | 6,650 | 55,718 | 141,991 |
| Planning and Design | 1,905 | 679 | 380 | 526 | 350 | 350 | 350 | 2,932 | 7,472 |
| TOTAL EXPENDITURES: | 38,096 | 13,583 | 7,608 | 10,526 | 7,000 | 7,000 | 7,000 | 58,650 | 149,463 |
| SANITARY SEWER SYSTEM EXTEN | ISION | | | | | PROJE | ECT #: 96 | 53281 | |
| DESCRIPTION: Extend sewer sys | | lude the exist | ing sanitary se | ewer needs as | sessment | | | | |
| LOCATION: Systemwide | | | | ict Located: | | Systemwi | | | |
| Various Sites | | | Distri | ict(s) Served: | | Systemwi | de | | |
| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenue Bonds | 2,113 | 2,660 | 2,113 | 4,113 | 3,038 | 0 | 0 | 0 | 14,037 |
| WASD Future Funding | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 190,133 | 190,133 |
| WASD Revenue Bonds Sold | 11,991 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,991 |
| Wastewater Renewal Fund | 10,735 | 7,704 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 27,439 |
| TOTAL REVENUES: | 24,839 | 10,364 | 3,613 | 5,613 | 4,538 | 1,500 | 1,500 | 191,633 | 243,600 |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | 23,899 739 | 10,248 317 | 3,505 108 | 5,445 168 | 4,402 136 | 1,455 45 | 1,455 45 | 185,884 5 749 | 236,293 |
| Planning and Design | | | | | | 45 | | 5,749 | 7,307 |
| TOTAL EXPENDITURES: | 24,638 | 10,565 | 3,613 | 5,613 | 4,538 | 1,500 | 1,500 | 191,633 | 243,6 |

| WATER DISTRIBUTION SYSTEM EX | TENSION E | NHANCEME | ENTS | | PROJECT #: 9653311 | | | | | | |
|--|----------------|-----------------------|----------------------|-------------------------------------|-----------------------|-------------------------|-----------------------|-------------|---------------------|--|--|
| DESCRIPTION: Install various wate LOCATION: Systemwide Various Sites | er mains throu | ghout the dist | Distri | n ict Located: ict(s) Served: | | Systemwie Systemwie | | | | | |
| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | ΤΟΤΑ | | |
| Future WASD Revenue Bonds | 16,943 | 11,830 | 57,909 | 22,867 | 9,466 | 10,000 | 12,500 | 32,080 | 173,59 | | |
| WASD Revenue Bonds Sold | 25,094 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,09 | | |
| Water Connection Charges | 22,606 | 5,521 | 3,590 | 0 | 0 | 0 | 0 | 0 | 31,71 | | |
| Water Renewal and Replacement Fund | 32,566 | 0 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 53,56 | | |
| TOTAL REVENUES: | 97,209 | 17,351 | 64,999 | 26,367 | 12,966 | 13,500 | 16,000 | 35,580 | 283,97 | | |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTA | | |
| Construction | 58,120 | 45,554 | 66,909 | 25,048 | 12,318 | 12,825 | 15,200 | 33,801 | 269,77 | | |
| Planning and Design | 3,059 | 2,397 | 3,521 | 1,318 | 648 | 675 | 800 | 1,779 | 14,19 | | |
| IOTAL EXPENDITURES: | 61,179 | 47,951 | 70,430 | 26,366 | 12,966 | 13,500 | 16,000 | 35,580 | 283,97 | | |
| PEAK FLOW MANAGEMENT FACILIT DESCRIPTION: Evaluate and cons | | ies for neak flu | w manadame | ant facilities an | d associated | PROJE | ECT #: 96 | 53371 | 6 | | |
| LOCATION: Evaluate and cons LOCATION: Systemwide Various Sites | | | Distri | ict Located: ict(s) Served: | | Systemwie Systemwie | | | | | |
| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | ΤΟΤΑ | | |
| Future WASD Revenue Bonds | 24,805 | 18,537 | 14,104 | 9,208 | 29,274 | 16,014 | 10,220 | 432,468 | 554,63 | | |
| Wastewater Connection Charges | 37,542 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37,54 | | |
| OTAL REVENUES: | 62,347 | 18,537 | 14,104 | 9,208 | 29,274 | 16,014 | 10,220 | 432,468 | 592,17 | | |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTA | | |
| Construction | 53,986 | 18,001 | 12,552 | 8,195 | 26,054 | 14,252 | 9,095 | 384,897 | 527,03 | | |
| Planning and Design | 6,672 | 2,225 | 1,552 | 1,013 | 3,220 | 1,762 | 1,125 | 47,571 | 65,14 | | |
| OTAL EXPENDITURES: | 60,658 | 20,226 | 14,104 | 9,208 | 29,274 | 16,014 | 10,220 | 432,468 | 592,17 | | |
| CORROSION CONTROL FACILITIES DESCRIPTION: Construct corrosion | | | mains: renova | ate structures : | at wastewater | PROJE | | 53381 | | | |
| stations; and resto | | | maine, reneve | | | troutinont plu | | · | | | |
| LOCATION: Systemwide Various Sites | | | | ict Located: ict(s) Served: | | Systemwie Systemwie | | | | | |
| | | 2046 47 | 2047.40 | 2040 40 | 2040-20 | 2020.24 | 2024 22 | | TOTA | | |
| REVENUE SCHEDULE: Future WASD Revenue Bonds | PRIOR 0 | 2016-17 100 | 2017-18 90 | 2018-19 865 | 2019-20 352 | 2020-21 4,882 | 2021-22 116 | FUTURE 0 | TOTA 6,40 | | |
| WASD Revenue Bonds Sold | 1,083 | 0 | 90 0 | 005 | 0 | 4,002 0 | 0 | 0 | 1,08 | | |
| OTAL REVENUES: | 1,003 | 100 | 90 | 865 | 352 | 4,882 | 116 | 0 | 7,48 | | |
| | PRIOR | 2016-17 | 2017-18 | | | | | FUTURE | | | |
| | PRIUR | 2010-17 | 201/-10 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | | TOTA | | |
| | | 85 | 76 | 735 | 299 | 4 150 | QQ | Λ | 6.36 | | |
| EXPENDITURE SCHEDULE: Construction Planning and Design | 921 162 | 85 15 | 76 14 | 735 130 | 299 53 | 4,150 732 | 99 17 | 0 0 | 6,36 1,12 | | |

acquiring a land buffer, construction of a landfill gas pipeline, installation of co-gen units, and construction of sludge

PROJECT #: 9653401

5

| LOCATION: | 8950 SW 232 St Unincorporated N | | inty | | ct Located: ct(s) Served: | | 8 Systemwid | de | | |
|---|--|--|--|--|---|---|---|---|---|---|
| REVENUE SCHEDULE | ÷ | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenue | e Bonds | 5,000 | 0 | 2,000 | 4,000 | 3,000 | 1,000 | 0 | 0 | 15,000 |
| WASD Future Funding WASD Revenue Bonds | | 0 28,000 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 182,500 0 | 182,500 28,000 |
| TOTAL REVENUES: | | 33,000 | 0 | 2,000 | 4,000 | 3,000 | 1,000 | 0 | 182,500 | 20,000 225,500 |
| EXPENDITURE SCHEE | DULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | - | 32,000 | 1,000 | 2,000 | 4,000 | 3,000 | 1,000 | 0 | 182,500 | 225,500 |
| TOTAL EXPENDITURE | ES: | 32,000 | 1,000 | 2,000 | 4,000 | 3,000 | 1,000 | 0 | 182,500 | 225,500 |
| NORTH DISTRICT U DESCRIPTION: LOCATION: | PGRADES - WA Construct a chlor various upgrades 2575 NE 151 St North Miami | rine improvemer | nt process, rep | blace sluice ga t Distri | ates in the pre- ict Located: ct(s) Served: | treatment bar | PROJE screen room, 4 Systemwid | and provide | 53411 for | |
| REVENUE SCHEDULE | : | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenue | | 1,262 | 3,465 | 8,868 | 6,053 | 4,200 | 4,078 | 3,180 | 32,820 | 63,926 |
| WASD Future Funding | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100,225 | 100,225 |
| WASD Revenue Bonds TOTAL REVENUES: | s Sold | 338 1,600 | 0 3,465 | 0 8,868 | 0 6,053 | 0 4,200 | 0 4,078 | 0 3,180 | 0 133,045 | 338 164,489 |
| EXPENDITURE SCHEE | | PRIOR | 3,403 2016-17 | 2017-18 | 2018-19 | 4,200 2019-20 | 4,078 2020-21 | 2021-22 | FUTURE | TOTAL |
| | DULE. | 1,424 | 3,084 | 7,892 | 5,387 | 3,738 | 3,630 | 2,830 | 118,410 | 146,395 |
| | | ., | 0,001 | 1,002 | | 462 | 448 | | | |
| Construction | | 176 | 381 | 976 | 666 | 402 | | 350 | 14,635 | 18,094 |
| | =S: | 176 1,600 | 381 3,465 | 976 8,868 | 6,053 | 402 | 4,078 | 3,180 | 133,045 | 18,094 164,489 |
| Construction Planning and Design | | 1,600 WASTEWATE er improvements new gas pipeline | 3,465 R TREATM s, digested slu s, a new flushi | 8,868 ENT PLANT Idge holding ta ng water line, 1 and 2 Distri | 6,053 anks, miscellar | 4,200 | 4,078 PROJE al improvemen | 3,180 CT #: 96 nts, outfall rrades and | | |
| Construction Planning and Design TOTAL EXPENDITURE CENTRAL DISTRICT DESCRIPTION: | UPGRADES - V Construct digeste rehabilitation, a n rehabilitation of p Virginia Key City of Miami | 1,600 WASTEWATE er improvements new gas pipeline | 3,465 R TREATM s, digested slu , a new flushi ump stations 2016-17 | 8,868 ENT PLANT Idge holding ta ng water line, 1 and 2 Distri Distri 2017-18 | 6,053 anks, miscellar and a sludge l ct Located: ct(s) Served: 2018-19 | 4,200 neous electric nandling facilit 2019-20 | 4,078 PROJE al improvemen y; various upg 7 Systemwic 2020-21 | 3,180 CT #: 96 Ints, outfall Irades and de 2021-22 | 133,045 | 164,489 |
| Construction Planning and Design TOTAL EXPENDITURE CENTRAL DISTRICT DESCRIPTION: LOCATION: REVENUE SCHEDULE Future WASD Revenue | Construct digeste rehabilitation, a n rehabilitation of p Virginia Key City of Miami | 1,600 WASTEWATE er improvements new gas pipeline plant including pr plant including pr PRIOR 2,093 | 3,465 R TREATM s, digested slu , a new flushi ump stations 2016-17 5,347 | 8,868 ENT PLANT Idge holding ta ng water line, 1 and 2 Distri Distri 2017-18 8,522 | 6,053 anks, miscellar and a sludge l ict Located: ct(s) Served: 2018-19 5,713 | 4,200 neous electric nandling facilit 2019-20 3,617 | 4,078 PROJE al improvemei y; various upç 7 Systemwid 2020-21 1,900 | 3,180 CCT #: 96 Ints, outfall grades and de 2021-22 108 | 133,045 53421 FUTURE 0 | 164,489 |
| Construction Planning and Design TOTAL EXPENDITURE CENTRAL DISTRICT DESCRIPTION: LOCATION: REVENUE SCHEDULE Future WASD Revenue WASD Future Funding | Construct digeste rehabilitation, a n rehabilitation of p Virginia Key City of Miami | 1,600 WASTEWATE er improvements new gas pipeline plant including pr part PRIOR 2,093 0 | 3,465 R TREATM s, digested slu , a new flushi ump stations ' 2016-17 5,347 0 | 8,868 ENT PLANT Idge holding ta ng water line, 1 and 2 Distri Distri 2017-18 8,522 0 | 6,053 anks, miscellar and a sludge l ict Located: ct(s) Served: 2018-19 5,713 0 | 4,200 neous electric nandling facilit 2019-20 3,617 0 | 4,078 PROJE al improvemen y; various upç 7 Systemwic 2020-21 1,900 0 | 3,180 CCT #: 96 Ints, outfall Irades and de 2021-22 108 0 | 133,045 53421 FUTURE 0 8,500 | 164,489 |
| Construction Planning and Design TOTAL EXPENDITURE CENTRAL DISTRICT DESCRIPTION: LOCATION: REVENUE SCHEDULE Future WASD Revenue WASD Future Funding WASD Revenue Bonds | Construct digeste rehabilitation, a n rehabilitation of p Virginia Key City of Miami | 1,600 WASTEWATE er improvements new gas pipeline blant including pr PRIOR 2,093 0 2,533 | 3,465 R TREATM s, digested slu ump stations 2016-17 5,347 0 0 0 | 8,868 ENT PLANT Idge holding ta ng water line, 1 and 2 Distri Distri 2017-18 8,522 0 0 | 6,053 anks, miscellar and a sludge l ict Located: ct(s) Served: 2018-19 5,713 0 0 | 4,200 neous electric nandling facilit 2019-20 3,617 0 0 | 4,078 PROJE al improvemen y; various upg 7 Systemwid 2020-21 1,900 0 0 0 | 3,180 CT #: 96 hts, outfall grades and de 2021-22 108 0 0 0 | 133,045 53421 FUTURE 0 8,500 0 | 164,489 TOTAL 27,300 8,500 2,533 |
| Construction Planning and Design TOTAL EXPENDITURE CENTRAL DISTRICT DESCRIPTION: LOCATION: REVENUE SCHEDULE Future WASD Revenue WASD Future Funding WASD Revenue Bonds TOTAL REVENUES: | UPGRADES - V Construct digeste rehabilitation, a n rehabilitation of p Virginia Key City of Miami | 1,600 NASTEWATE er improvements new gas pipeline plant including pr 2,093 0 2,533 4,626 | 3,465 R TREATM s, digested slu ump stations 2016-17 5,347 0 0 5,347 | 8,868 ENT PLANT Idge holding ta ng water line, 1 and 2 Distri Distri 2017-18 8,522 0 0 8,522 | 6,053 anks, miscellar and a sludge l ict Located: ct(s) Served: 2018-19 5,713 0 0 5,713 | 4,200 neous electric nandling facilit 2019-20 3,617 0 0 3,617 | 4,078 PROJE al improvemen y; various upg 7 Systemwid 2020-21 1,900 0 0 1,900 | 3,180 CCT #: 96 Ints, outfall grades and de 2021-22 108 0 0 108 | 133,045 53421 FUTURE 0 8,500 0 8,500 | 164,489 TOTAL 27,300 8,500 2,533 38,333 |
| Construction Planning and Design TOTAL EXPENDITURE CENTRAL DISTRICT DESCRIPTION: LOCATION: REVENUE SCHEDULE Future WASD Revenue WASD Future Funding WASD Revenue Bond: TOTAL REVENUES: EXPENDITURE SCHED | UPGRADES - V Construct digeste rehabilitation, a n rehabilitation of p Virginia Key City of Miami | 1,600 NASTEWATE er improvements new gas pipeline olant including pr 2,093 0 2,533 4,626 PRIOR | 3,465 R TREATM s, digested slu ump stations 2016-17 5,347 0 0 5,347 2016-17 | 8,868 ENT PLANT Idge holding ta ng water line, 1 and 2 Distri 2017-18 8,522 0 0 8,522 2017-18 | 6,053 anks, miscellar and a sludge l ict Located: ct(s) Served: 2018-19 5,713 0 0 5,713 2018-19 | 4,200 neous electric nandling facilit 2019-20 3,617 0 0 3,617 2019-20 | 4,078 PROJE al improvemen y; various upg 7 Systemwid 2020-21 1,900 0 0 1,900 2020-21 | 3,180 CT #: 96 Ints, outfall grades and de 2021-22 108 0 108 2021-22 | 133,045 53421 53421 0 8,500 0 8,500 FUTURE | 164,489 TOTAL 27,300 8,500 2,533 38,333 TOTAL |
| Construction Planning and Design TOTAL EXPENDITURE CENTRAL DISTRICT DESCRIPTION: LOCATION: REVENUE SCHEDULE Future WASD Revenue WASD Future Funding WASD Revenue Bonds TOTAL REVENUES: | UPGRADES - V Construct digeste rehabilitation, a n rehabilitation of p Virginia Key City of Miami | 1,600 NASTEWATE er improvements new gas pipeline plant including pr 2,093 0 2,533 4,626 | 3,465 R TREATM s, digested slu ump stations 2016-17 5,347 0 0 5,347 | 8,868 ENT PLANT Idge holding ta ng water line, 1 and 2 Distri Distri 2017-18 8,522 0 0 8,522 | 6,053 anks, miscellar and a sludge l ict Located: ct(s) Served: 2018-19 5,713 0 0 5,713 | 4,200 neous electric nandling facilit 2019-20 3,617 0 0 3,617 | 4,078 PROJE al improvemen y; various upg 7 Systemwid 2020-21 1,900 0 0 1,900 | 3,180 CCT #: 96 Ints, outfall grades and de 2021-22 108 0 0 108 | 133,045 53421 FUTURE 0 8,500 0 8,500 | 164,489 TOTAL 27,300 8,500 2,533 38,333 |

70

| WATER SYSTEM F DESCRIPTION: LOCATION: | Install fire hydran Systemwide Various Sites | | | Distr | ents ict Located: ict(s) Served: | | PROJI Systemwi Systemwi | de | 53461 | |
|---|--|----------------|-----------------|----------------|--|-------------------|-------------------------------|----------------|--------|----------------|
| | | | | | | | | | | |
| REVENUE SCHEDULE | : | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Fire Hydrant Fund | = | 36,978 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 61,478 |
| TOTAL REVENUES: | | 36,978 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 61,478 |
| EXPENDITURE SCHE | DULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | | 35,529 | 3,430 | 3,430 | 3,430 | 3,430 | 3,430 | 3,430 | 4,140 | 60,249 |
| Planning and Design | = | 725 | 70 | 70 | 70 | 70 | 70 | 70 | 84 | 1,229 |
| TOTAL EXPENDITURI | ES: | 36,254 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 3,500 | 4,224 | 61,478 |
| NORTH MIAMI-DAD | E WATER TRAN | SMISSION M | AIN IMPRO | VEMENTS | | | PROJE | ECT #: 96 | 54031 | |
| DESCRIPTION: | Install 36-inch wa | ter main along | NW 87 Ave to | improve trans | smission capa | bilities in the r | north - central | area of the co | ounty; | |
| | and a 48-inch wat | ter main conne | ction to the Ca | arol City tank | | | | | | |
| LOCATION: | North Miami-Dade | e County Area | | | ict Located: | | Systemwi | | | |
| | Miami Gardens | | | Distr | ict(s) Served: | | Systemwi | de | | |
| REVENUE SCHEDULE | E: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenu | e Bonds | 2,202 | 1,724 | 1,707 | 9,840 | 48 | 0 | 0 | 0 | 15,52 <i>°</i> |
| WASD Revenue Bond | ls Sold | 626 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 626 |
| TOTAL REVENUES: | - | 2,828 | 1,724 | 1,707 | 9,840 | 48 | 0 | 0 | 0 | 16,147 |
| EXPENDITURE SCHE | DULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | | 2,659 | 1,621 | 1,605 | 9,251 | 45 | 0 | 0 | 0 | 15,181 |
| Planning and Design | | 169 | 103 | 102 | 589 | 3 | 0 | 0 | 0 | 966 |
| TOTAL EXPENDITURI | ====================================== | 2,828 | 1,724 | 1,707 | 9,840 | 48 | 0 | 0 | 0 | 16,147 |
| CENTRAL MIAMI-D | | NOISSIMSION | | | тя | | PROJE | -CT #· 06 | 54041 | |
| DESCRIPTION: | Replace various l | | - | - | - | railroad cross | | | | |
| LOCATION: | Central Miami-Da | • | | | ict Located: | | Systemwi | 0 | | |
| 200,000 | City of Miami | | | | ict(s) Served: | | Systemwi | | | |
| | | | | | () | | | | | |
| REVENUE SCHEDULE | | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Future WASD Revenu | e Bonds | 0 | 698 | 3,186 | 2,736 | 20,356 | 19,686 | 5,582 | 14,515 | 66,759 |
| TOTAL REVENUES: | | 0 | 698 | 3,186 | 2,736 | 20,356 | 19,686 | 5,582 | 14,515 | 66,759 |
| EXPENDITURE SCHE | DULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAI |
| Construction | | 0 | 607 | 2,772 | 2,380 | 17,710 | 17,127 | 4,857 | 12,628 | 58,08 |
| | | - | - · | | | | | | | |

356

2,736

0

0

91

698

414

3,186

2,646

20,356

2,559

19,686

1,887

14,515

725

5,582

8,678

66,759

Planning and Design

TOTAL EXPENDITURES:

SAFE DRINKING WATER ACT MODIFICATIONS-SWT RULE AND D-DBP

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

| TOTAL EXPENDITURES: | 14,278 | 3,149 | 7,930 | 17,364 | 33,066 | 76,454 | 61,271 | 303,018 | 516,530 |
|---------------------------------------|--------|---------|---------|---------------|---------|------------------------|---------|---------|---------|
| Planning and Design | 1,999 | 440 | 1,110 | 2,431 | 4,629 | 10,704 | 8,578 | 42,423 | 72,314 |
| Construction | 12,279 | 2,709 | 6,820 | 14,933 | 28,437 | 65,750 | 52,693 | 260,595 | 444,216 |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| TOTAL REVENUES: | 22,055 | 610 | 2,692 | 17,364 | 33,066 | 76,454 | 61,271 | 303,018 | 516,530 |
| Water Renewal and Replacement Fund | 1,076 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,076 |
| Rock Mining Mitigation Fees | 20,979 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20,979 |
| Future WASD Revenue Bonds | 0 | 610 | 2,692 | 17,364 | 33,066 | 76,454 | 61,271 | 303,018 | 494,475 |
| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| LOCATION: Systemwide Various Sites | | | | ct(s) Served: | | Systemwie Systemwie | | | |
| LOCATION: Systemwide | | | Dietri | ct Located: | | Svotomuji | do | | |

Estimated Annual Operating Impact will begin in FY 2018-19 in the amount of \$10,000,000

SOUTH DISTRICT WASTEWATER TREATMENT PLANT EXPANSION - PHASE III

743

681

TOTAL EXPENDITURES:

DESCRIPTION: Expand the South District Wastewater Plant and injection wells and install emergency generators

| 8950 SW 232 St | District Located: | 8 |
|----------------------------------|---------------------|------------|
| Unincorporated Miami-Dade County | District(s) Served: | Systemwide |

| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
|---------------------------|-------|---------|---------|---------|---------|---------|---------|--------|---------|
| Future WASD Revenue Bonds | 1,745 | 7,053 | 7,724 | 15,623 | 15,167 | 11,393 | 11,500 | 73,000 | 143,205 |
| TOTAL REVENUES: | 1,745 | 7,053 | 7,724 | 15,623 | 15,167 | 11,393 | 11,500 | 73,000 | 143,205 |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | 1,448 | 5,854 | 6,411 | 12,967 | 12,589 | 9,456 | 9,545 | 60,590 | 118,860 |
| Planning and Design | 297 | 1,199 | 1,313 | 2,656 | 2,578 | 1,937 | 1,955 | 12,410 | 24,345 |
| TOTAL EXPENDITURES: | 1,745 | 7,053 | 7,724 | 15,623 | 15,167 | 11,393 | 11,500 | 73,000 | 143,205 |

| WATER TELEMETERING SYS | TEM ENHANCEME | INTS | | | | PROJE | CT #: | 9656780 | | |
|--|-------------------------|---------------------|---------|--------------------------------|-----------------|------------|------------|----------|-------|--|
| DESCRIPTION: Acquire ar LOCATION: Systemwid | d install a centralized | computer sys | | reatment plant ict Located: | s and wellfield | | Svstemwide | | | |
| Various Si | | District(s) Served: | | | | -) | Systemwide | | | |
| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | | TOTAL | |
| Water Renewal and Replacement | | 0 | 300 | 300 | 300 | 300 | 300 | | 3,224 | |
| TOTAL REVENUES: | 1,424 | 0 | 300 | 300 | 300 | 300 | 30 | 0 300 | 3,224 | |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2 FUTURE | TOTAL | |
| Construction | 342 | 313 | 138 | 138 | 138 | 138 | 138 | 3 138 | 1,483 | |
| Major Machinery and Equipment | 401 | 368 | 162 | 162 | 162 | 162 | 162 | 2 162 | 1,741 | |

300

300

300

300

300

300

3,224

5

PROJECT #: 9654061

PROJECT #: 9655481

| REVENUE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
|------------------------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Future WASD Revenue Bonds | 6,209 | 3,378 | 22,616 | 29,095 | 19,891 | 11,570 | 12,000 | 27,732 | 132,49 |
| State Revolving Loan Water Program | 4,452 | 4,426 | 7,309 | 3,000 | 2,500 | 1,159 | 0 | 0 | 22,84 |
| WASD Future Funding | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 293,927 | 293,92 |
| WASD Revenue Bonds Sold | 10,194 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,194 |
| Water Renewal and Replacement Fund | 602 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 602 |
| TOTAL REVENUES: | 21,457 | 7,804 | 29,925 | 32,095 | 22,391 | 12,729 | 12,000 | 321,659 | 460,060 |
| EXPENDITURE SCHEDULE: | PRIOR | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | FUTURE | TOTAL |
| Construction | 14,180 | 13,032 | 27,830 | 29,848 | 20,824 | 11,838 | 11,160 | 299,143 | 427,85 |
| Planning and Design | 1,068 | 981 | 2,095 | 2,247 | 1,567 | 891 | 840 | 22,516 | 32,20 |
| TOTAL EXPENDITURES: | 15.248 | 14,013 | 29.925 | 32.095 | 22.391 | 12.729 | 12.000 | 321.659 | 460,06 |

District Located:

District(s) Served:

UNFUNDED CAPITAL PROJECTS

| | | | (dollars in thousands) |
|---|----------|----------------|------------------------|
| PROJECT NAME | LOCATION | | ESTIMATED PROJECT COST |
| WASTEWATER NEEDS ASSESSMENT FOR NEW GRAVITY SEWER PHASE 2 | N/A | | 199,867 |
| RENEWAL AND REPLACEMENT NEEDS | N/A | | 162,500 |
| REUSE PROJECTS TO BE ADDRESSED | N/A | | 98,000 |
| 72INCH RECLAIMED WATER PIPELINE TO TURKEY POINT | N/A | | 95,000 |
| WATER COMMERCIAL CORRIDOR ECONOMIC DEVELOPMENT- PHASE 2 | N/A | | 279,204 |
| | | UNFUNDED TOTAL | 834,571 |

SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

PROJECT #: 200000072

Countywide

Countywide

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

Throughout Miami-Dade County

LOCATION: Systemwide