



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED FY 2019-2025 CAPITAL BUDGET AND
MULTI-YEAR CAPITAL PLAN



**BCC APPROVED
SEPTEMBER 19, 2019**

SUMMARY EXHIBITS



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN
COMBINED WATER AND WASTEWATER PROJECTS
REVENUE SUMMARY (in Thousands of Dollars)

Version 2.3 - SUBMITTAL

Fund Description	Prior			Projections							Future	Total
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
Renewal & Replacement Fund	335,466	90,000	425,466	90,000	90,000	90,000	90,000	90,000	95,000	95,000	1,065,466	
Plant Expansion Fund	111,680	43,635	155,314	61,906	65,109	31,491	18,454	20,753	18,000	0	371,027	
State Revolving Loans - Water	36,389	4,400	40,789	6,560	6,958	307	0	0	0	0	54,614	
Fire Hydrant Fund	6,470	3,500	9,970	2,500	2,500	2,500	2,500	2,500	2,500	2,500	27,470	
General Obligation Bonds	26,087	5,949	32,036	12,152	16,579	19,484	20,796	30,900	34,287	0	166,234	
Special Construction Fund	31,914	1,000	32,914	500	500	500	500	500	500	0	35,914	
Future WASD Revenue Bonds	0	0	0	346,494	447,025	508,072	572,285	608,231	559,610	1,483,791	4,525,508	
State Revolving Loans - Wastewater	21,046	20,000	41,046	0	0	0	0	0	0	0	41,046	
Miami Springs Construction Fund	4,177	5,347	9,524	4,653	207	252	0	0	0	0	14,637	
Construction - 2013 Bonds	195,388	0	195,388	0	0	0	0	0	0	0	195,388	
WASD Commercial Paper - 2015	927,286	0	927,286	0	0	0	0	0	0	0	927,286	
WIFIA LOAN	0	99,700	99,700	0	0	0	0	0	0	0	99,700	
Total	1,695,903	273,530	1,969,433	524,766	628,879	652,606	704,535	752,883	709,897	1,581,291	7,524,290	

Prepared by Capital Planning and Coordination Section



**Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN**

COMBINED WATER AND WASTEWATER

Version 2.3 - SUBMITTAL

EXPENDITURE SUMMARY (in Thousands of Dollars)

Fund Description	Prior			Projections							
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total
Renewal & Replacement Fund	240,576	123,905	364,481	126,565	99,420	95,000	95,000	95,000	95,000	95,000	1,065,466
Plant Expansion Fund	111,680	43,635	155,314	61,906	65,109	31,491	18,454	20,753	18,000	0	371,027
State Revolving Loans - Water	36,389	4,400	40,789	6,560	6,958	307	0	0	0	0	54,614
Fire Hydrant Fund	2,521	3,500	6,021	2,500	2,500	2,500	2,500	2,500	2,500	6,449	27,470
General Obligation Bonds	26,087	5,949	32,036	12,152	16,579	19,484	20,796	30,900	34,287	0	166,234
Special Construction Fund	11,427	8,860	20,286	2,500	2,500	2,500	2,500	2,500	3,127	0	35,914
Future WASD Revenue Bonds	0	0	0	346,494	447,025	508,072	572,285	608,231	559,610	1,483,791	4,525,508
State Revolving Loans - Wastewater	21,046	0	21,046	7,892	11,523	585	0	0	0	0	41,046
Miami Springs Construction Fund	4,177	5,347	9,524	4,653	207	252	0	0	0	0	14,637
Construction - 2013 Bonds	195,388	0	195,388	0	0	0	0	0	0	0	195,388
WASD Commercial Paper - 2015	534,243	332,943	867,186	60,100	0	0	0	0	0	0	927,286
WIFIA LOAN	0	15,529	15,529	10,122	27,493	32,349	14,207	0	0	0	99,700
Total	1,183,533	544,066	1,727,600	641,445	679,315	692,541	725,742	759,883	712,524	1,585,240	7,524,290



**Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN**

WASTEWATER PROJECTS

Version 2.3 - SUBMITTAL

REVENUE SUMMARY (in Thousands of Dollars)

Fund Description	Prior			Projections							Total	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		
Wastewater Renewal & Replacement Fund	175,187	49,000	224,187	42,700	55,500	55,000	55,000	55,000	55,000	55,000	55,000	597,387
Plant Expansion Fund - Wastewater	95,571	34,406	129,976	51,039	64,821	31,491	18,454	20,753	18,000	0	0	334,533
General Obligation Bonds	12,189	5,601	17,790	10,887	15,803	19,081	20,535	30,900	27,393	0	0	142,389
Wastewater Special Construction Fund	8,518	0	8,518	0	0	0	0	0	0	0	0	8,518
Future WASD Revenue Bonds	0	0	0	240,857	342,074	415,176	494,465	542,269	495,125	1,261,149	0	3,791,114
State Revolving Loans - Wastewater	21,046	20,000	41,046	0	0	0	0	0	0	0	0	41,046
Miami Springs Construction Fund	867	0	867	0	207	252	0	0	0	0	0	1,326
S Construction - 2013 Bonds	168,230	0	168,230	0	0	0	0	0	0	0	0	168,230
WASD Wastewater Commercial Paper - 2015	805,734	0	805,734	0	0	0	0	0	0	0	0	805,734
WIFIA LOAN	0	99,700	99,700	0	0	0	0	0	0	0	0	99,700
Total	1,287,341	208,707	1,496,048	345,483	478,405	521,000	588,453	648,921	595,517	1,316,149	0	5,989,977

Prepared by Capital Planning and Coordination Section



**Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN**

WASTEWATER PROJECTS

Version 2.3 - SUBMITTAL

EXPENDITURE SUMMARY (in Thousands of Dollars)

Fund Description	Prior			Projections								Total
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		
Wastewater Renewal & Replacement Fund	133,256	65,413	198,669	64,635	59,083	55,000	55,000	55,000	55,000	55,000	597,387	
Plant Expansion Fund - Wastewater	95,571	34,406	129,976	51,039	64,821	31,491	18,454	20,753	18,000	0	334,533	
General Obligation Bonds	12,189	5,601	17,790	10,887	15,803	19,081	20,535	30,900	27,393	0	142,389	
Wastewater Special Construction Fund	2,518	3,000	5,518	500	500	500	500	500	500	0	8,518	
Future WASD Revenue Bonds	0	0	0	240,857	342,074	415,176	494,465	542,269	495,125	1,261,149	3,791,114	
State Revolving Loans - Wastewater	21,046	0	21,046	7,892	11,523	585	0	0	0	0	41,046	
Miami Springs Construction Fund	867	0	867	0	207	252	0	0	0	0	1,326	
S Construction - 2013 Bonds	168,230	0	168,230	0	0	0	0	0	0	0	168,230	
WASD Wastewater Commercial Paper - 2015	484,876	261,259	746,135	59,600	0	0	0	0	0	0	805,734	
WIFIA LOAN	0	15,529	15,529	10,122	27,493	32,349	14,207	0	0	0	99,700	
Total	918,551	385,207	1,303,759	445,531	521,505	554,435	603,160	649,421	596,017	1,316,149	5,989,977	

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**Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN**

WATER PROJECTS

Version 2.3 - SUBMITTAL

REVENUE SUMMARY (in Thousands of Dollars)

Fund Description	Prior			Projections							Total
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	
Water Renewal & Replacement Fund	160,279	41,000	201,279	47,300	34,500	35,000	35,000	35,000	40,000	40,000	468,079
Plant Expansion Fund - Water	16,109	9,229	25,338	10,867	288	0	0	0	0	0	36,494
State Revolving Loans - Water	36,389	4,400	40,789	6,560	6,958	307	0	0	0	0	54,614
Fire Hydrant Fund	6,470	3,500	9,970	2,500	2,500	2,500	2,500	2,500	2,500	2,500	27,470
General Obligation Bonds	13,899	348	14,246	1,265	776	403	261	0	6,895	0	23,846
Water Special Construction Fund	23,396	1,000	24,396	500	500	500	500	500	500	0	27,396
Future WASD Revenue Bonds	0	0	0	105,637	104,951	92,896	77,821	65,962	64,485	222,642	734,394
Miami Springs Construction Fund	3,310	5,347	8,657	4,653	0	0	0	0	0	0	13,311
W Construction - 2013 Bonds	27,158	0	27,158	0	0	0	0	0	0	0	27,158
WASD Water Commercial Paper - 2015	121,551	0	121,551	0	0	0	0	0	0	0	121,551
Total	408,562	64,823	473,385	179,283	150,474	131,606	116,082	103,962	114,380	265,142	1,534,313

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**Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN**

WATER PROJECTS

Version 2.3 - SUBMITTAL

EXPENDITURE SUMMARY (in Thousands of Dollars)

Fund Description	Prior			Projections								Total
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		
Water Renewal & Replacement Fund	107,320	58,491	165,812	61,930	40,337	40,000	40,000	40,000	40,000	40,000	40,000	468,079
Plant Expansion Fund - Water	16,109	9,229	25,338	10,867	288	0	0	0	0	0	0	36,494
State Revolving Loans - Water	36,389	4,400	40,789	6,560	6,958	307	0	0	0	0	0	54,614
Fire Hydrant Fund	2,521	3,500	6,021	2,500	2,500	2,500	2,500	2,500	2,500	2,500	6,449	27,470
General Obligation Bonds	13,899	348	14,246	1,265	776	403	261	0	6,895	0	0	23,846
Water Special Construction Fund	8,909	5,860	14,769	2,000	2,000	2,000	2,000	2,000	2,627	0	0	27,396
Future WASD Revenue Bonds	0	0	0	105,637	104,951	92,896	77,821	65,962	64,485	222,642	0	734,394
Miami Springs Construction Fund	3,310	5,347	8,657	4,653	0	0	0	0	0	0	0	13,311
W Construction - 2013 Bonds	27,158	0	27,158	0	0	0	0	0	0	0	0	27,158
WASD Water Commercial Paper - 2015	49,367	71,684	121,051	500	0	0	0	0	0	0	0	121,551
Total	264,982	158,859	423,841	195,914	157,811	138,106	122,582	110,462	116,507	269,091	0	1,534,313

Prepared by Capital Planning and Coordination Section

OMB REPORTS

FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

Water and Sewer

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

As part of the Neighborhood and Infrastructure strategic area, the Department's main functions are water production and distribution, as well as wastewater collection, treatment, reuse and disposal. WASD operates three regional, one shared City of Hialeah reverse osmosis, 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 8,700 miles of water distribution mains; and 6,400 miles of wastewater mains and lateral collection pipes. The Department implements water conservation measures, provides high quality drinking water and plans and improves infrastructure for future growth.

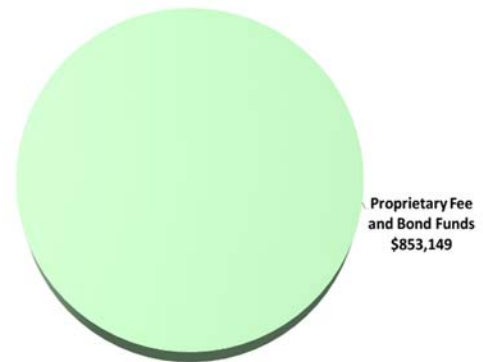
The Department delivers water and sewer services to most residents and businesses within Miami-Dade County, serving approximately 447,000 water and 363,000 wastewater retail customers as of September 30, 2018. Additionally, service is provided to 15 wholesale (municipal) water customers and to 13 wholesale (12 municipal and the Homestead Air Reserve Base) wastewater customers within Miami-Dade County on a daily basis. The total combined population served at the retail and wholesale level is approximately 2.3 million residents. In providing these services, the Department interacts with and is regulated by the United States Environmental Protection Agency, the Florida Department of Environmental Protection, the Miami-Dade County Health Department, the South Florida Water Management District and the Regulatory and Economic Resources Department (RER).

FY 2019-20 Adopted Operating Budget

Expenditures by Activity (dollars in thousands)



Revenues by Source (dollars in thousands)



FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

TABLE OF ORGANIZATION

<p><u>OFFICE OF THE DIRECTOR</u> Formulates and establishes departmental policy; directs overall operations</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>FY 18-19</u> 12</td> <td style="text-align: center;"><u>FY 19-20</u> 12</td> </tr> </table>	<u>FY 18-19</u> 12	<u>FY 19-20</u> 12
<u>FY 18-19</u> 12	<u>FY 19-20</u> 12	
<p><u>WATER AND WASTEWATER SYSTEMS OPERATIONS</u> Operates and maintains water and wastewater systems: treatment plants, transmission/distribution systems and pump stations</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>FY18-19</u> 1,622</td> <td style="text-align: center;"><u>FY19-20</u> 1,635</td> </tr> </table>	<u>FY18-19</u> 1,622	<u>FY19-20</u> 1,635
<u>FY18-19</u> 1,622	<u>FY19-20</u> 1,635	
<p><u>FINANCE AND ADMINISTRATIVE COMPLIANCE</u> Directs financial, budget, capital funding coordination, and information technology functions; directs contractual compliance and quality assurance of construction/contractual work as well as compliance with the Small Business Enterprise Program</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>FY 18-19</u> 240</td> <td style="text-align: center;"><u>FY 19-20</u> 238</td> </tr> </table>	<u>FY 18-19</u> 240	<u>FY 19-20</u> 238
<u>FY 18-19</u> 240	<u>FY 19-20</u> 238	
<p><u>PROGRAM MANAGEMENT AND REGULATORY COMPLIANCE</u> Manages capital improvement program and consent decree projects; directs compliance with state and federal agreements and utilities development</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>FY 18-19</u> 319</td> <td style="text-align: center;"><u>FY 19-20</u> 329</td> </tr> </table>	<u>FY 18-19</u> 319	<u>FY 19-20</u> 329
<u>FY 18-19</u> 319	<u>FY 19-20</u> 329	
<p><u>CUSTOMER INITIATIVES AND INTERNAL OPERATIONS</u> Directs legislative activities, municipal policies, and public information dissemination; directs customer service, procurement, personnel, fleet and general activities</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>FY 18-19</u> 598</td> <td style="text-align: center;"><u>FY 19-20</u> 602</td> </tr> </table>	<u>FY 18-19</u> 598	<u>FY 19-20</u> 602
<u>FY 18-19</u> 598	<u>FY 19-20</u> 602	

The FY 2019-20 total number of full-time equivalent positions is 2,817.6.

FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

DIVISION: OFFICE OF THE DIRECTOR

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

- Defines department policies and strategic goals
- Provides legal support

DIVISION COMMENTS

- The FY 2019-20 Adopted Budget includes a water and wastewater rate restructuring to all customer revenue tiers that results in a rate which is reflective of actual usage combined with the consideration of fiscal requirements related to capital investments that are mandated; rates for usage tiers representing customers with the highest poverty rates were reduced or held flat; although the rate structures for other tiers for residential, multi-family and non-residential customers were increased, the non-residential customer rate increase is higher
- Effective October 1, 2019, the wholesale water rate will decrease to \$1.6904 from \$1.7628, or by \$0.0724 per thousand gallons; the wastewater wholesale rate will increase to \$3.1954 from \$3.0937, or by \$0.1017 per thousand gallons; wholesale customers' bills include a true-up adjustment to recover actual cost for FY 2017-18
- The FY 2019-20 Adopted Budget includes a Memorandum of Understanding with the Office of the Inspector General to perform specialized audits as required (\$75,000) and payments to the Audit and Management Services Department for expenses associated with audits and reviews (\$500,000)

DIVISION: WATER AND WASTEWATER SYSTEMS OPERATIONS

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

- 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, and fire lines countywide
- Installs, repairs, relocates, maintains and replaces wastewater gravity sewer lines, force mains, valves, sewer laterals, and manholes countywide
- Manages the Water Cross Connection Control program
- Installs, repairs, relocates, maintains and replaces water meters
- Performs mechanical, electrical, and structural maintenance of water and wastewater plants and wastewater lift stations
- Administers the SCADA system, telemetry and radios
- Provides laboratory analysis to comply with regulatory agencies' requirements

Key Department Measures, Strategic Objectives, and Resiliency Drivers

Measures	SO	RD	Type	Good	FY 16-17	FY 17-18	FY 18-19	FY 18-19	FY 19-20
					Actual	Actual	Budget	Projection	Target
Average time to respond to sewage overflows (in minutes)	NI2-1	HW-1	EF	↓	37	49	45	45	45
Percentage of pumps in service	NI2-1	HW-1	EF	↑	98%	100%	100%	100%	100%
Wastewater mainline valves exercised	NI2-1	HW-1	OP	↔	6,346	6,484	6,000	6,000	6,000
Estimated gallons of water saved per day (GPD) through the Water Use Efficiency Program (in thousands)*	NI2-1	HW-1	OC	↑	271	189	166	163	160
Percentage compliance with drinking water standards	NI2-1	HW-1	OC	↑	100%	100%	100%	100%	100%

FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

DIVISION COMMENTS

- The FY 2019-20 Adopted Budget includes the establishment of 14 new positions to enhance water transmission and pump stations divisions, plant operations and maintenance
- The FY 2019-20 Adopted Budget includes the transfer of one position to Customer Initiatives and Internal Operations to support general maintenance functions

DIVISION: FINANCE AND ADMINISTRATIVE COMPLIANCE

Directs financial, budget and capital funding coordination, and information technology functions.

- 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 business process support for customer care and billing, enterprise resource planning financial and enterprise asset management software systems
- Manages information technology
- Oversees contract compliance, provides strategic planning, and directs performance improvement and efficiency savings programs

Key Department Measures, Strategic Objectives, and Resiliency Drivers

Measures	SO	RD	Type	Good	FY 16-17	FY 17-18	FY 18-19	FY 18-19	FY 19-20
					Actual	Actual	Budget	Projection	Target
Bond rating evaluation by Fitch	GG4-1	ES-3	OC	↑	A+	A+	A+	A+	A+
Bond rating evaluation by Standard and Poor's*	GG4-1	ES-3	OC	↑	A+	A+	A+	Aa-	Aa-
Bond rating evaluation by Moody's	GG4-1	ES-3	OC	↑	Aa3	Aa3	Aa3	Aa3	Aa3

*The change in the bond rating in FY 2018-19 from A+ to Aa- reflects an improvement.

DIVISION COMMENTS

- The FY 2019-20 Adopted Budget includes the transfer of two positions to Customer Initiatives and Internal Operation to support customer service and general operations
- The FY 2019-20 Adopted Budget includes payments to the Finance Department for expenses associated with cash management services (\$50,000)
- The FY 2018-19 year-end combined fund balance is projected to be \$105 million in rate stabilization and general reserve funds; in FY 2019-20, these reserves are expected to increase to a combined balance of \$106.9 million and the Department is projecting a year-end fund balance of \$80 million in the operating budget as required for bond ordinances

FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

DIVISION: PROGRAM MANAGEMENT AND REGULATORY COMPLIANCE

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

Key Department Measures, Strategic Objectives, and Resiliency Drivers

Measures	SO	RD	Type	Good	FY 16-17	FY 17-18	FY 18-19	FY 18-19	FY 19-20
					Actual	Actual	Budget	Projection	Target
Percentage of Consent Decree Wastewater Projects on Schedule	NI2-1	IE-1	OC	↑	95%	99%	97%	97%	97%
Percent compliance with 20-Year Water Use Permit (WUP) as scheduled	NI2-1	IE-1	OC	↑	100%	100%	100%	100%	100%
Percentage of Comprehensive Development Master Plan and Development Impact Committee comments provided in a timely manner	NI2-1	LS-3	EF	↑	100%	100%	100%	100%	100%
Percentage of Ocean Outfall Legislation projects on schedule	NI2-1	IE-1	OC	↑	100%	100%	100%	100%	100%

DIVISION COMMENTS

- **The FY 2019-20 Adopted Budget includes the establishment of four positions to enhance surveying, planning and regulatory compliance functions and seven positions to enhance plans reviews and service locator functions**
- The FY 2019-20 Adopted Budget includes the transfer of one position to Customer Initiatives and Internal Operations to enhance general maintenance operations
- In FY 2019-20, 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 2019-20 Adopted Budget includes funding to the Parks, Recreation and Open Spaces (PROS) Department for Cooperative Extension's Florida Yards and Neighborhoods Program (\$285,000) and funding for CBO environmental related grants (\$200,000)

FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

DIVISION: CUSTOMER INITIATIVES AND INTERNAL OPERATIONS

Directs legislative and municipal policies, public information dissemination, and security services and emergency communication; Directs retail customer services, meter installations and maintenance, procurement, human resources, fleet, and other general maintenance services.

- Manages retail customer services, human capital planning and general maintenance.
- 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

Key Department Measures, Strategic Objectives, and Resiliency Drivers

Measures	SO	RD	Type	Good	FY 16-17	FY 17-18	FY 18-19	FY 18-19	FY 19-20
					Actual	Actual	Budget	Projection	Target
Training hours per employee	NI2-1	LS-1	OP	↔	15	15	15	17	19
Average call wait time (in minutes)*	NI2-1	LS-2	EF	↓	2.3	3.0	2.5	2.5	2.5
Percentage of calls answered within two minutes (monthly)*	NI2-1	LS-2	OC	↑	65%	53%	75%	59%	70%
Percentage of non-emergency requests dispatched in less than three business days	NI2-1	HW-1	OC	↑	88%	78%	99%	83%	99%

*Due to higher than budgeted attrition, the percentage of calls answered within two minutes decreased in FY 2017-18.

DIVISION COMMENTS

- The FY 2019-20 Adopted Budget includes the transfer of four positions from Water and Wastewater Systems Operations, Program Management and Regulatory Compliance and Finance and Administrative Compliance to enhance customer service and general maintenance activities
- The Department continues working on an outreach campaign that includes branding of the Department for community recognition and will inform the citizens on water and wastewater services and the Multi-Year Capital Improvements Plan
- The FY 2019-20 Adopted Budget includes a payment to the Human Resources Department for testing and validation services (\$17,000)
- The FY 2019-20 Adopted Budget includes a payment to the Community Action and Human Services Department for landscape maintenance by the Greater Miami Service Corps (\$100,000)

CAPITAL BUDGET HIGHLIGHTS AND OPERATIONAL IMPACTS

- ☛ In FY 2018-19, while developing the FY 2019-20 Adopted Budget, the Department re-evaluated all capital projects; with an emphasis on all federal, state, and local requirements, the scope and timing of many projects were modified; based on changes in scope, new projects were added in the amount of \$873 million, the completion or removal of some projects decreased the capital plan by \$273 million, reclassifying some projects that are now unfunded, decreased the capital plan by \$2.251 billion, changes to active projects based on pricing and scope revisions by \$2.243 billion, based on all project modifications, the multi-year capital plan decreased by \$3.871 billion
- ☛ The Department continues to evaluate every project in the capital budget for scope, timeframe and revisions to estimates with the most current industry cost data; this continuous diligence has resulted in the Multi-Year Capital Plan being reduced from \$13.3 billion in FY 2017-18 to \$11.4 billion in FY 2018-19, and the Adopted to \$7.5 billion dollars

FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

- The Department's FY 2019-20 Adopted Budget and Multi-Year Capital Plan is systematic and responsible in addressing regulatory requirements related to aging infrastructure such as pump stations, treatment plants, and transmission lines and necessary upgrades (\$7.524 billion); the capital plan addresses \$5.8 billion in wastewater needs, \$1.5 billion in water needs and BBC-GOB Water and Wastewater projects of \$166 million dollars
- The Department's FY 2019-20 Adopted Budget and Multi-Year Capital Plan includes the continued implementation of various water system capital projects; FY 2019-20 includes \$196 million of projects such as the Hialeah/Preston Water Treatment Plant (\$21.358 million), Alexander Orr Water Treatment Plant (\$15.462 million), Small Diameter Water Main Replacement Program (\$35.354 million), and Water Distribution System (\$21.087 million)
- The Department's FY 2019-20 Adopted Budget and Multi-Year Capital Plan also addresses the continued implementation of various wastewater systems capital projects (\$446 million); major demands include: Pump Station Improvement Program (\$14.250 million), Ocean Outfalls Program (\$13.269 million), Consent Decree (\$191.843 million), and Pump Station Resilience Program (\$15.991 million)
- In FY 2012-13, the Department negotiated a consent agreement with the Federal Environmental Protection Agency (EPA) to address regulatory violations resulting from failing wastewater infrastructure for approximately \$1.6 billion; the agreement was adopted by the Board of County Commissioners on May 21, 2013; on April 9, 2014, the U.S. District Court for the Southern District approved the Consent Decree, replacing and superseding the two existing Consent Decrees issued in the early-mid 1990s; all projects contained in the Consent Decree are currently included in the capital plan, but as projects advance, schedules for completion may need to be modified, with the approval of the EPA; increased debt requirements will lead to future rate adjustments
- In FY 2019-20, the Department is continuing to increase its focus on Inflow/Infiltration (I&I) to reduce flows into the wastewater system from ground water and rain; this will result in a reduction of conveyed and treated flows at Wastewater treatment plants resulting in a capital and operational savings; a study will begin to quantify this savings; the FY 2019-20 budget for I&I is \$13.431 million
- The Department's FY 2019-20 Adopted Budget and Multi-Year Capital Plan includes the purchase of 539 vehicles to replace its aging fleet (heavy fleet - \$8.515 million and light fleet - \$6.510 million); the fleet replacement plan will provide operational savings to the Department in the long-term as it will reduce maintenance costs, fuel consumption, and overtime as a result of addressing equipment failure; the County's fleet replacement plan is included under Non-Departmental project #2000000511

SELECTED ITEM HIGHLIGHTS AND DETAILS

Line Item Highlights	(dollars in thousands)				
	Actual FY 16-17	Actual FY 17-18	Budget FY 18-19	Projection FY 18-19	Adopted FY 19-20
Advertising	731	619	920	932	992
Fuel	2,584	2,913	2,837	2,803	3,069
Overtime	14,795	16,053	15,994	16,084	16,082
Rent	1,201	798	1,327	707	838
Security Services	12,905	11,888	16,000	13,769	14,000
Temporary Services	1,235	773	1,500	635	1,527
Travel and Registration	210	222	509	256	402

FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

Adopted FEE ADJUSTMENTS FOR SERVICES

Fee Adjustments	Current Fee FY 18-19	Adopted Fee FY 19-20	Dollar Impact FY 19-20
• Waste Haulers Calibration Certificate	0	\$100.00	\$9,800
• Hauled Waste Receiving Station Clean-up	0	\$414.00	\$1,500
• Departmental review of Other Waste Load Disposal	0	\$111.00	\$2,666
• Laboratory sampling of Other Waste Load disposal. Fee is charged per sample.	0	\$563.00	\$2,812
• Septic Tank Disposal Fee - After Hours. Fee per 100 gallons.	0	\$10.00	\$2,473
• Grease Trap Disposal Fee - After Hours. (Per 100 gallons)	0	\$14.00	\$11,475
• Backflow Prevention Assembly test Report submission	0	\$5.00	\$130,000
• Douglas Road Building - space rental per square footage. Price per square foot	0	\$35.00	\$495,000
• Septic Tank Waste Disposal Fee per 100 gallons	\$3.25	\$5.00	\$1,500,000
• Water Retail Rate Adjustments	various	various	\$32,927,000
• Wastewater Retail Rate Adjustments	various	various	\$3,498,000
• Water Wholesale Rate per one thousand gallons	\$1.76	\$1.66	\$-2,288,000
• Wastewater Wholesale Rate per one thousand gallons	\$3.09	\$3.19	\$-1,723,000

OPERATING FINANCIAL SUMMARY

(dollars in thousands)	Actual FY 16-17	Actual FY 17-18	Budget FY 18-19	Adopted FY 19-20
Revenue Summary	19-20			
Carryover	68,551	71,638	74,199	78,099
Miscellaneous Non-Operating	3,144	9,566	7,788	14,150
Other Revenues	28,932	30,275	30,404	32,322
Retail Wastewater	288,910	295,564	314,420	317,918
Retail Water	265,636	268,275	269,552	302,479
Transfer From Other Funds	0	0	18,440	1,793
Wholesale Wastewater	88,938	78,425	77,991	76,268
Wholesale Water	34,916	39,310	32,408	30,120
Total Revenues	779,027	793,053	825,202	853,149

Operating Expenditures Summary				
Salary	166,400	181,390	174,843	191,971
Fringe Benefits	57,782	65,547	73,474	75,514
Contractual Services	88,675	70,399	109,953	94,684
Other Operating	32,380	38,798	46,259	41,017
Charges for County Services	53,293	58,057	64,063	77,176
Capital	93,102	112,395	92,373	92,441
Total Operating Expenditures	491,632	526,586	560,965	572,803

Non-Operating Expenditures Summary				
Transfers	18,498	9,843	0	0
Distribution of Funds In Trust	0	0	0	0
Debt Service	175,086	183,672	186,138	200,286
Depreciation, Amortizations and Depletion	0	0	0	0
Reserve	0	0	78,099	80,060
Total Non-Operating Expenditures	193,584	193,515	264,237	280,346

(dollars in thousands)	Total Funding		Total Positions	
Expenditure By Program	Budget FY 18-19	Adopted FY 19-20	Budget FY 18-19	Adopted FY 19-20
Strategic Area: Neighborhood and Infrastructure				
Office of the Director	4,075	4,752	12	12
Water and Wastewater	368,262	379,724	1,622	1,635
Systems Operations				
Finance and Administrative Compliance	50,048	52,055	240	238
Program Management and Regulatory Compliance	48,279	46,921	319	329
Customer Initiatives and Internal Operations	90,301	89,351	598	602
Total Operating Expenditures	560,965	572,803	2,791	2,816

FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

CAPITAL BUDGET SUMMARY

(dollars in thousands)	PRIOR	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	FUTURE	TOTAL
Revenue									
BBC GOB Financing	32,036	12,152	16,579	19,484	20,796	30,900	34,287	0	166,234
Fire Hydrant Fund	9,971	2,500	2,500	2,500	2,500	2,500	2,500	2,500	27,471
Future WASD Revenue Bonds	0	346,494	447,026	508,070	572,287	608,232	559,610	1,483,791	4,525,510
Miami Springs Wastewater Construction Fund	867	0	207	252	0	0	0	0	1,326
Miami Springs Water Construction Fund	8,657	4,653	0	0	0	0	0	0	13,310
State Revolving Loan Wastewater Program	41,046	0	0	0	0	0	0	0	41,046
State Revolving Loan Water Program	40,788	6,560	6,958	307	0	0	0	0	54,613
WASD Revenue Bonds Sold	1,122,673	0	0	0	0	0	0	0	1,122,673
Wastewater Connection Charges	129,977	51,038	64,820	31,491	18,453	20,753	18,000	0	334,532
Wastewater Renewal Fund	224,186	42,701	55,500	55,000	55,000	55,000	55,000	55,000	597,387
Wastewater Special Construction Fund	8,517	0	0	0	0	0	0	0	8,517
Water Connection Charges	25,338	10,867	289	0	0	0	0	0	36,494
Water Renewal and Replacement Fund	201,279	47,299	34,500	35,000	35,000	35,000	40,000	40,000	468,078
Water Special Construction Fund	24,397	500	500	500	500	500	500	0	27,397
WIFIA Loan	99,700	0	0	0	0	0	0	0	99,700
Total:	1,969,432	524,764	628,879	652,604	704,536	752,885	709,897	1,581,291	7,524,288
Expenditures									
Strategic Area: NI									
GOB Water and Wastewater Projects	32,036	12,152	16,579	19,484	20,796	30,900	34,287	0	166,234
Wastewater Projects	1,285,969	434,645	505,701	535,352	582,625	618,523	568,625	1,316,149	5,847,589
Water Projects	409,593	194,646	157,035	137,702	122,322	110,462	109,613	269,092	1,510,465
Total:	1,727,598	641,443	679,315	692,538	725,743	759,885	712,525	1,585,241	7,524,288

FUNDED CAPITAL PROJECTS

(dollars in thousands)

CENTRAL DISTRICT - WASTEWATER TREATMENT PLANT UPGRADES

PROJECT #: 9653421



DESCRIPTION: Construct digester improvements, digested sludge holding tanks, miscellaneous electrical improvements, outfall rehabilitation, a new gas pipeline, a new flushing water line and a sludge handling facility; various upgrades and rehabilitation of plant including pump stations 1 and 2

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	750	2,500	1,550	500	200	500	8,500	14,500
WASD Revenue Bonds Sold	500	0	0	0	0	0	0	0	500
TOTAL REVENUES:	500	750	2,500	1,550	500	200	500	8,500	15,000
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	465	698	2,325	1,441	465	186	465	7,905	13,950
Planning and Design	35	52	175	109	35	14	35	595	1,050
TOTAL EXPENDITURES:	500	750	2,500	1,550	500	200	500	8,500	15,000

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CENTRAL MIAMI-DADE - WASTEWATER TRANSMISSION MAINS AND PUMP STATION

PROJECT #: 9650241



IMPROVEMENTS

DESCRIPTION: Construct a force main crossing Bear Cut, a force main in Flagler St from SW 37 Ave to SW 10 Ave and a force main from Miami Beach to the Central District Wastewater Treatment Plant

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	7,964	4,246	3,000	1,000	0	0	0	16,210
WASD Revenue Bonds Sold	11,369	0	0	0	0	0	0	0	11,369
TOTAL REVENUES:	11,369	7,964	4,246	3,000	1,000	0	0	0	27,579
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	10,005	7,009	3,737	2,640	880	0	0	0	24,271
Land Acquisition/Improvements	227	159	85	60	20	0	0	0	551
Planning and Design	1,137	796	424	300	100	0	0	0	2,757
TOTAL EXPENDITURES:	11,369	7,964	4,246	3,000	1,000	0	0	0	27,579

Estimated Annual Operating Impact will begin in FY 2019-20 in the amount of \$2,253,000 and includes 0 FTE(s)

CENTRAL MIAMI-DADE - WATER TRANSMISSION MAINS IMPROVEMENTS

PROJECT #: 9654041



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

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	0	254	700	1,000	4,220	4,271	10,445
Water Renewal and Replacement Fund	266	0	0	0	0	0	0	0	266
TOTAL REVENUES:	266	0	0	254	700	1,000	4,220	4,271	10,711
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	255	0	0	241	665	950	4,009	4,058	10,178
Planning and Design	11	0	0	13	35	50	211	213	533
TOTAL EXPENDITURES:	266	0	0	254	700	1,000	4,220	4,271	10,711

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MIAMI SPRINGS - PUMP STATION UPGRADES (BUILDING BETTER COMMUNITIES BOND PROGRAM) PROJECT #: 967730

DESCRIPTION: Upgrade electrical control panels, pumps and the proprietary supervisory control data acquisition (SCADA) system
 LOCATION: Various Sites District Located: 6
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
BBC GOB Financing	733	75	25	5	0	0	0	0	838
TOTAL REVENUES:	733	75	25	5	0	0	0	0	838
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	733	75	25	5	0	0	0	0	838
TOTAL EXPENDITURES:	733	75	25	5	0	0	0	0	838

MIAMI SPRINGS CONSTRUCTION FUND - WASTEWATER PROJECT #: 969110

DESCRIPTION: Construct wastewater collection system improvements in Miami Springs
 LOCATION: Miami Springs District Located: 6
 Miami Springs District(s) Served: 6

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Miami Springs Wastewater Construction Fund	867	0	207	252	0	0	0	0	1,326
TOTAL REVENUES:	867	0	207	252	0	0	0	0	1,326
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	789	0	188	229	0	0	0	0	1,206
Planning and Design	78	0	19	23	0	0	0	0	120
TOTAL EXPENDITURES:	867	0	207	252	0	0	0	0	1,326

MIAMI SPRINGS CONSTRUCTION FUND - WATER PROJECT #: 965450

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Miami Springs Water Construction Fund	8,657	4,653	0	0	0	0	0	0	13,310
TOTAL REVENUES:	8,657	4,653	0	0	0	0	0	0	13,310
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	7,791	4,188	0	0	0	0	0	0	11,979
Planning and Design	866	465	0	0	0	0	0	0	1,331
TOTAL EXPENDITURES:	8,657	4,653	0	0	0	0	0	0	13,310

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NEEDS ASSESSMENT PROJECTS (BUILDING BETTER COMMUNITIES BOND PROGRAM)

PROJECT #: 964350



DESCRIPTION: Construction of water and sewer enhancements including water mains, pipelines and sewer collection systems
 LOCATION: Various Sites
 District Located: Systemwide
 District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
BBC GOB Financing	10,812	1,394	789	504	326	0	0	0	13,825
TOTAL REVENUES:	10,812	1,394	789	504	326	0	0	0	13,825
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	9,267	1,394	789	504	326	0	0	0	12,280
Permitting	171	0	0	0	0	0	0	0	171
Planning and Design	1,374	0	0	0	0	0	0	0	1,374
TOTAL EXPENDITURES:	10,812	1,394	789	504	326	0	0	0	13,825

NORTH DISTRICT - WASTEWATER TREATMENT PLANT UPGRADES

PROJECT #: 9653411



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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,008	4,912	5,800	4,500	3,500	18,000	0	38,720
WASD Revenue Bonds Sold	7,182	0	0	0	0	0	0	0	7,182
TOTAL REVENUES:	7,182	2,008	4,912	5,800	4,500	3,500	18,000	0	45,902
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	6,895	1,928	4,715	5,568	4,320	3,360	17,280	0	44,066
Planning and Design	287	80	197	232	180	140	720	0	1,836
TOTAL EXPENDITURES:	7,182	2,008	4,912	5,800	4,500	3,500	18,000	0	45,902

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

PROJECT #: 9652101



DESCRIPTION: Improve pump stations to increase system flexibility
 LOCATION: Wastewater System - North District Area
 Various Sites
 District Located: Systemwide
 District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	4,933	16,044	15,689	25,700	39,120	19,450	44,836	165,772
WASD Revenue Bonds Sold	1,821	0	0	0	0	0	0	0	1,821
Wastewater Connection Charges	262	750	1,591	3,032	6,365	0	0	0	12,000
TOTAL REVENUES:	2,083	5,683	17,635	18,721	32,065	39,120	19,450	44,836	179,593
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	1,875	5,115	15,872	16,849	28,858	35,208	17,504	40,352	161,633
Land Acquisition/Improvements	63	171	529	562	962	1,174	584	1,345	5,390
Planning and Design	145	397	1,234	1,310	2,245	2,738	1,362	3,139	12,570
TOTAL EXPENDITURES:	2,083	5,683	17,635	18,721	32,065	39,120	19,450	44,836	179,593

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NORTH MIAMI-DADE - WATER TRANSMISSION MAIN IMPROVEMENTS

PROJECT #: 9654031



DESCRIPTION: Install 36-inch water main along NW 87 Ave to improve transmission capabilities in the north central area of the county and a 48-inch water main connection to the Carol City tank

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	9,383	31,956	12,364	1,731	551	386	0	56,371
WASD Revenue Bonds Sold	11,852	0	0	0	0	0	0	0	11,852
Water Connection Charges	20,092	9,220	289	0	0	0	0	0	29,601
Water Renewal and Replacement	240	0	0	0	0	0	0	0	240
Fund									
TOTAL REVENUES:	32,184	18,603	32,245	12,364	1,731	551	386	0	98,064
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	30,257	17,487	30,310	11,621	1,627	518	363	0	92,183
Planning and Design	1,927	1,116	1,935	743	104	33	23	0	5,881
TOTAL EXPENDITURES:	32,184	18,603	32,245	12,364	1,731	551	386	0	98,064

OUTFALL LEGISLATION

PROJECT #: 962670



DESCRIPTION: Eliminate outfall flows to the ocean

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	42,577	43,687	81,836	151,655	206,305	239,376	515,628	1,281,064
State Revolving Loan Wastewater Program	41,046	0	0	0	0	0	0	0	41,046
WASD Revenue Bonds Sold	106,063	0	0	0	0	0	0	0	106,063
Wastewater Connection Charges	19,652	16,420	15,910	14,240	12,088	20,753	18,000	0	117,063
Wastewater Special Construction	1,064	0	0	0	0	0	0	0	1,064
Fund									
WIFIA Loan	99,700	0	0	0	0	0	0	0	99,700
TOTAL REVENUES:	267,525	58,997	59,597	96,076	163,743	227,058	257,376	515,628	1,646,000
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	150,284	70,850	90,724	118,689	163,714	208,893	236,786	474,378	1,514,318
Land Acquisition/Improvements	1,634	770	986	1,289	1,779	2,271	2,574	5,156	16,459
Planning and Design	11,436	5,391	6,903	9,032	12,457	15,894	18,016	36,094	115,223
TOTAL EXPENDITURES:	163,354	77,011	98,613	129,010	177,950	227,058	257,376	515,628	1,646,000

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OUTFALL LEGISLATION - CAPACITY

PROJECT #: 200000580

DESCRIPTION: Redirect flows to regional plants and account for peak flows through 2035
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	11,258	26,310	67,894	69,523	60,538	55,500	114,400	405,423
WASD Revenue Bonds Sold	7,201	0	0	0	0	0	0	0	7,201
Wastewater Connection Charges	41,468	25,000	41,691	11,000	0	0	0	0	119,159
TOTAL REVENUES:	48,669	36,258	68,001	78,894	69,523	60,538	55,500	114,400	531,783
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	45,262	33,720	63,241	73,371	64,656	56,301	51,615	106,392	494,558
Land Acquisition/Improvements	487	363	680	789	695	605	555	1,144	5,318
Planning and Design	2,920	2,175	4,080	4,734	4,172	3,632	3,330	6,864	31,907
TOTAL EXPENDITURES:	48,669	36,258	68,001	78,894	69,523	60,538	55,500	114,400	531,783

PEAK FLOW MANAGEMENT FACILITIES

PROJECT #: 9653371

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	738	3,207	1,500	950	750	300	5,599	13,044
Wastewater Connection Charges	1,088	1,498	0	0	0	0	0	0	2,586
TOTAL REVENUES:	1,088	2,236	3,207	1,500	950	750	300	5,599	15,630
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	979	2,012	2,886	1,350	855	675	270	5,039	14,066
Planning and Design	109	224	321	150	95	75	30	560	1,564
TOTAL EXPENDITURES:	1,088	2,236	3,207	1,500	950	750	300	5,599	15,630

PUMP STATION RESILIENCE PROGRAM (PSRP)

PROJECT #: 200000784

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	15,991	18,177	16,754	21,453	40,245	36,755	127,648	277,023
WASD Revenue Bonds Sold	11,883	0	0	0	0	0	0	0	11,883
Wastewater Connection Charges	46,945	0	0	0	0	0	0	0	46,945
TOTAL REVENUES:	58,828	15,991	18,177	16,754	21,453	40,245	36,755	127,648	335,851
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	51,180	13,912	15,814	14,576	18,664	35,014	31,976	111,054	292,190
Land Acquisition/Improvements	588	160	182	167	214	402	368	1,277	3,358
Major Machinery and Equipment	2,941	800	909	838	1,073	2,012	1,838	6,382	16,793
Planning and Design	4,119	1,119	1,272	1,173	1,502	2,817	2,573	8,935	23,510
TOTAL EXPENDITURES:	58,828	15,991	18,177	16,754	21,453	40,245	36,755	127,648	335,851

FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

PUMP STATIONS - GENERATORS AND MISCELLANEOUS UPGRADES

PROJECT #: 9652002

DESCRIPTION: Install emergency generators and construct miscellaneous upgrades at wastewater pump stations
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide



REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	1,229	1,605	1,634	1,590	1,601	1,645	1,750	11,054
WASD Revenue Bonds Sold	641	0	0	0	0	0	0	0	641
TOTAL REVENUES:	641	1,229	1,605	1,634	1,590	1,601	1,645	1,750	11,695
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	571	1,094	1,428	1,455	1,415	1,425	1,464	1,557	10,409
Major Machinery and Equipment	25	49	64	65	64	64	66	70	467
Planning and Design	45	86	113	114	111	112	115	123	819
TOTAL EXPENDITURES:	641	1,229	1,605	1,634	1,590	1,601	1,645	1,750	11,695

PUMP STATIONS - IMPROVEMENT PROGRAM

PROJECT #: 9651071

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



REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	8,993	1,699	0	0	0	0	0	10,692
WASD Revenue Bonds Sold	104,698	0	0	0	0	0	0	0	104,698
Wastewater Connection Charges	2,628	5,257	2,628	0	0	0	0	0	10,513
TOTAL REVENUES:	107,326	14,250	4,327	0	0	0	0	0	125,903
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	101,960	13,537	4,111	0	0	0	0	0	119,608
Planning and Design	5,366	713	216	0	0	0	0	0	6,295
TOTAL EXPENDITURES:	107,326	14,250	4,327	0	0	0	0	0	125,903

SAFE DRINKING WATER ACT MODIFICATIONS

PROJECT #: 9654061

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



REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,250	5,341	7,500	6,794	3,000	1,000	43,250	69,135
WASD Revenue Bonds Sold	2,226	0	0	0	0	0	0	0	2,226
Water Connection Charges	246	1,647	0	0	0	0	0	0	1,893
Water Renewal and Replacement Fund	2,620	0	0	0	0	0	0	0	2,620
TOTAL REVENUES:	5,092	3,897	5,341	7,500	6,794	3,000	1,000	43,250	75,874
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	4,685	3,585	4,913	6,900	6,250	2,760	920	39,790	69,803
Planning and Design	407	312	428	600	544	240	80	3,460	6,071
TOTAL EXPENDITURES:	5,092	3,897	5,341	7,500	6,794	3,000	1,000	43,250	75,874

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SANITARY SEWER SYSTEM - EXTENSION

PROJECT #: 9653281



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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
WASD Revenue Bonds Sold	163	0	0	0	0	0	0	0	163
Wastewater Renewal Fund	18,841	1,500	3,000	3,500	3,500	3,500	3,500	3,500	40,841
TOTAL REVENUES:	19,004	1,500	3,000	3,500	3,500	3,500	3,500	3,500	41,004
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	10,036	9,853	2,910	3,395	3,395	3,395	3,395	3,395	39,774
Planning and Design	310	305	90	105	105	105	105	105	1,230
TOTAL EXPENDITURES:	10,346	10,158	3,000	3,500	3,500	3,500	3,500	3,500	41,004

SANITARY SEWER SYSTEM - IMPROVEMENTS

PROJECT #: 9650221



DESCRIPTION: Construct sanitary sewer system improvements using funds from the special construction fund including special taxing districts
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
WASD Revenue Bonds Sold	10,535	0	0	0	0	0	0	0	10,535
Wastewater Special Construction Fund	4,454	0	0	0	0	0	0	0	4,454
TOTAL REVENUES:	14,989	0	0	0	0	0	0	0	14,989
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	11,870	495	495	495	495	495	495	0	14,840
Planning and Design	119	5	5	5	5	5	5	0	149
TOTAL EXPENDITURES:	11,989	500	500	500	500	500	500	0	14,989

SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

PROJECT #: 964440



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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	14,607	5,076	2,199	1,026	216	0	0	23,124
WASD Revenue Bonds Sold	84,841	0	0	0	0	0	0	0	84,841
Wastewater Connection Charges	2,759	0	0	0	0	0	0	0	2,759
TOTAL REVENUES:	87,600	14,607	5,076	2,199	1,026	216	0	0	110,724
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	75,337	12,562	4,365	1,891	883	186	0	0	95,224
Land Acquisition/Improvements	875	146	51	22	10	2	0	0	1,106
Major Machinery and Equipment	7,885	1,315	457	198	92	19	0	0	9,966
Planning and Design	3,503	584	203	88	41	9	0	0	4,428
TOTAL EXPENDITURES:	87,600	14,607	5,076	2,199	1,026	216	0	0	110,724

Estimated Annual Operating Impact will begin in FY 2019-20 in the amount of \$1,200,000 and includes 0 FTE(s)

FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

SMALL DIAMETER WATER MAINS - REPLACEMENT PROGRAM

PROJECT #: 200000072



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

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Fire Hydrant Fund	464	0	0	0	0	0	0	0	464
Future WASD Revenue Bonds	0	23,795	21,045	33,238	33,964	25,508	17,096	25,101	179,747
State Revolving Loan Water Program	40,788	6,560	6,958	307	0	0	0	0	54,613
WASD Revenue Bonds Sold	38,904	0	0	0	0	0	0	0	38,904
Water Renewal and Replacement Fund	25,703	0	0	0	0	0	5,000	5,000	35,703
TOTAL REVENUES:	105,859	30,355	28,003	33,545	33,964	25,508	22,096	30,101	309,431
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	72,843	32,119	30,002	34,990	35,368	27,757	20,186	27,391	280,656
Planning and Design	8,017	3,235	3,001	3,555	3,596	2,751	1,910	2,710	28,775
TOTAL EXPENDITURES:	80,860	35,354	33,003	38,545	38,964	30,508	22,096	30,101	309,431

SOUTH DISTRICT - WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

PROJECT #: 9651061



DESCRIPTION: Construct piping improvements to pump station number 536 and force main upgrade in SW 117 Ave

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	50	100	2,299	7,500	10,572	0	0	20,521
TOTAL REVENUES:	0	50	100	2,299	7,500	10,572	0	0	20,521
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	0	45	90	2,069	6,750	9,515	0	0	18,469
Land Acquisition/Improvements	0	1	2	46	150	211	0	0	410
Planning and Design	0	4	8	184	600	846	0	0	1,642
TOTAL EXPENDITURES:	0	50	100	2,299	7,500	10,572	0	0	20,521

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SOUTH DISTRICT - WASTEWATER TREATMENT PLANT EXPANSION (PHASE 3)

PROJECT #: 9655481



DESCRIPTION: Expand the South District Wastewater Plant and injection wells and install emergency generators
 LOCATION: 8950 SW 232 St
 Unincorporated Miami-Dade County

District Located: 8
 District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	949	1,700	2,000	300	0	0	0	4,949
WASD Revenue Bonds Sold	108	0	0	0	0	0	0	0	108
Wastewater Connection Charges	72	186	0	0	0	0	0	0	258
TOTAL REVENUES:	180	1,135	1,700	2,000	300	0	0	0	5,315
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	165	1,029	1,530	1,800	270	0	0	0	4,794
Planning and Design	15	106	170	200	30	0	0	0	521
TOTAL EXPENDITURES:	180	1,135	1,700	2,000	300	0	0	0	5,315

SOUTH DISTRICT - WASTEWATER TREATMENT PLANT UPGRADES

PROJECT #: 9653401



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

LOCATION: 8950 SW 232 St
 Unincorporated Miami-Dade County

District Located: 8
 District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	699	5,626	10,102	4,250	500	250	54,378	75,805
WASD Revenue Bonds Sold	173	0	0	0	0	0	0	0	173
Wastewater Connection Charges	200	200	0	0	0	0	0	0	400
TOTAL REVENUES:	373	899	5,626	10,102	4,250	500	250	54,378	76,378
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	344	817	5,063	9,092	3,825	450	225	48,940	68,756
Planning and Design	29	82	563	1,010	425	50	25	5,438	7,622
TOTAL EXPENDITURES:	373	899	5,626	10,102	4,250	500	250	54,378	76,378

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
 Unincorporated Miami-Dade County

District Located: 9
 District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	4,548	1,100	1,075	1,000	1,000	10,300	0	19,023
WASD Revenue Bonds Sold	22,745	0	0	0	0	0	0	0	22,745
TOTAL REVENUES:	22,745	4,548	1,100	1,075	1,000	1,000	10,300	0	41,768
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	20,698	4,139	1,001	978	910	910	9,373	0	38,009
Planning and Design	2,047	409	99	97	90	90	927	0	3,759
TOTAL EXPENDITURES:	22,745	4,548	1,100	1,075	1,000	1,000	10,300	0	41,768

FY 2019 - 20 Adopted Budget and Multi-Year Capital Plan

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-Dade County District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	500	379	3,735	149	0	0	0	4,763
WASD Revenue Bonds Sold	400	0	0	0	0	0	0	0	400
TOTAL REVENUES:	400	500	379	3,735	149	0	0	0	5,163
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	384	450	341	3,362	134	0	0	0	4,671
Planning and Design	16	50	38	373	15	0	0	0	492
TOTAL EXPENDITURES:	400	500	379	3,735	149	0	0	0	5,163

SYSTEM IMPROVEMENTS PROJECT (BUILDING BETTER COMMUNITIES BOND PROGRAM)

PROJECT #: 962830



DESCRIPTION: Replace undersized water mains and install new fire hydrants

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
BBC GOB Financing	11,193	300	289	0	0	0	13,789	0	25,571
TOTAL REVENUES:	11,193	300	289	0	0	0	13,789	0	25,571
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	10,239	300	289	0	0	0	13,789	0	24,617
Permitting	43	0	0	0	0	0	0	0	43
Planning and Design	847	0	0	0	0	0	0	0	847
Project Administration	64	0	0	0	0	0	0	0	64
TOTAL EXPENDITURES:	11,193	300	289	0	0	0	13,789	0	25,571

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WASTEWATER - COLLECTION AND TRANSMISSION LINES CONSENT DECREE PROJECTS

PROJECT #: 968150



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

LOCATION: Various Sites
Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	16,729	11,700	11,936	10,414	8,700	8,700	8,700	76,879
WASD Revenue Bonds Sold	252,740	0	0	0	0	0	0	0	252,740
Wastewater Connection Charges	9,889	0	0	0	0	0	0	0	9,889
Wastewater Renewal Fund	3,907	0	0	0	0	0	0	0	3,907
TOTAL REVENUES:	266,536	16,729	11,700	11,936	10,414	8,700	8,700	8,700	343,415
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	245,213	15,391	10,764	10,981	9,581	8,004	8,004	8,004	315,942
Major Machinery and Equipment	18,657	1,171	819	836	729	609	609	609	24,039
Planning and Design	2,666	167	117	119	104	87	87	87	3,434
TOTAL EXPENDITURES:	266,536	16,729	11,700	11,936	10,414	8,700	8,700	8,700	343,415

WASTEWATER - COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT

PROJECT #: 968090



DESCRIPTION: Install new sewer service to commercial properties utilizing septic tanks

LOCATION: Various Sites
Throughout Miami-Dade County

District Located: Systemwide
District(s) Served: TBD

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	19	0	0	0	0	0	0	19
WASD Revenue Bonds Sold	5,280	0	0	0	0	0	0	0	5,280
TOTAL REVENUES:	5,280	19	0	0	0	0	0	0	5,299
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	4,699	17	0	0	0	0	0	0	4,716
Land Acquisition/Improvements	53	0	0	0	0	0	0	0	53
Planning and Design	528	2	0	0	0	0	0	0	530
TOTAL EXPENDITURES:	5,280	19	0	0	0	0	0	0	5,299

WASTEWATER - EQUIPMENT

PROJECT #: 9650301



DESCRIPTION: Acquire equipment and associated wastewater system capital support materials

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
WASD Revenue Bonds Sold	552	0	0	0	0	0	0	0	552
Wastewater Renewal Fund	48,914	10,184	16,000	15,000	15,000	15,000	15,000	15,000	150,098
TOTAL REVENUES:	49,466	10,184	16,000	15,000	15,000	15,000	15,000	15,000	150,650
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Furniture Fixtures and Equipment	1,147	0	0	0	0	0	0	0	1,147
Major Machinery and Equipment	45,468	9,573	19,462	15,000	15,000	15,000	15,000	15,000	149,503
TOTAL EXPENDITURES:	46,615	9,573	19,462	15,000	15,000	15,000	15,000	15,000	150,650

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WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS

PROJECT #: 968750

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Wastewater Renewal Fund	15,835	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,835
TOTAL REVENUES:	15,835	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,835
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	14,251	2,700	2,700	2,700	2,700	2,700	2,700	2,700	33,151
Major Machinery and Equipment	792	150	150	150	150	150	150	150	1,842
Planning and Design	792	150	150	150	150	150	150	150	1,842
TOTAL EXPENDITURES:	15,835	3,000	3,000	3,000	3,000	3,000	3,000	3,000	36,835

WASTEWATER - REGIONAL GENERAL MAINTENANCE AND OFFICE FACILITIES

PROJECT #: 9653201

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	750	1,500	1,500	2,500	3,000	3,500	127,879	140,629
WASD Revenue Bonds Sold	3,081	0	0	0	0	0	0	0	3,081
Wastewater Renewal Fund	3,566	0	0	0	0	0	0	0	3,566
TOTAL REVENUES:	6,647	750	1,500	1,500	2,500	3,000	3,500	127,879	147,276
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	3,835	3,119	1,410	1,410	2,350	2,820	3,290	120,207	138,441
Land Acquisition/Improvements	41	33	15	15	25	30	35	1,279	1,473
Major Machinery and Equipment	163	133	60	60	100	120	140	5,114	5,890
Planning and Design	40	33	15	15	25	30	35	1,279	1,472
TOTAL EXPENDITURES:	4,079	3,318	1,500	1,500	2,500	3,000	3,500	127,879	147,276

WASTEWATER - SYSTEM MAINTENANCE AND UPGRADES

PROJECT #: 9650361

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Wastewater Renewal Fund	46,617	15,796	20,000	20,000	20,000	20,000	20,000	20,000	182,413
TOTAL REVENUES:	46,617	15,796	20,000	20,000	20,000	20,000	20,000	20,000	182,413
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	17,343	4,475	4,000	4,000	4,000	4,000	4,000	4,000	45,818
Major Machinery and Equipment	22,693	17,902	16,000	16,000	16,000	16,000	16,000	16,000	136,595
TOTAL EXPENDITURES:	40,036	22,377	20,000	20,000	20,000	20,000	20,000	20,000	182,413

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WASTEWATER - TELEMETERING SYSTEM

PROJECT #: 9652481



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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
WASD Revenue Bonds Sold	1,279	0	0	0	0	0	0	0	1,279
Wastewater Renewal Fund	1,441	121	1,000	1,000	1,000	1,000	1,000	1,000	7,562
TOTAL REVENUES:	2,720	121	1,000	1,000	1,000	1,000	1,000	1,000	8,841
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	2,599	121	1,121	1,000	1,000	1,000	1,000	1,000	8,841
TOTAL EXPENDITURES:	2,599	121	1,121	1,000	1,000	1,000	1,000	1,000	8,841

WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

PROJECT #: 964120



DESCRIPTION: Design, construct and rehabilitate infrastructure at wastewater treatment plants to comply with EPA Consent Decree
 LOCATION: Various Sites District Located: Countywide
 Throughout Miami-Dade County District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	99,162	184,101	177,782	180,704	155,823	97,449	57,067	952,088
WASD Revenue Bonds Sold	355,268	0	0	0	0	0	0	0	355,268
Wastewater Connection Charges	5,014	1,727	3,000	3,219	0	0	0	0	12,960
Wastewater Renewal Fund	37,064	0	0	0	0	0	0	0	37,064
TOTAL REVENUES:	397,346	100,889	187,101	181,001	180,704	155,823	97,449	57,067	1,357,380
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	324,236	154,069	179,617	173,761	173,475	149,590	93,552	54,784	1,303,084
Major Machinery and Equipment	3,377	1,605	1,871	1,810	1,808	1,558	974	571	13,574
Planning and Design	10,133	4,815	5,613	5,430	5,421	4,675	2,923	1,712	40,722
TOTAL EXPENDITURES:	337,746	160,489	187,101	181,001	180,704	155,823	97,449	57,067	1,357,380

WASTEWATER TREATMENT PLANTS - MISCELLANEOUS UPGRADES

PROJECT #: 9652061



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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	1,793	1,160	1,000	0	0	0	0	3,953
WASD Revenue Bonds Sold	688	0	0	0	0	0	0	0	688
TOTAL REVENUES:	688	1,793	1,160	1,000	0	0	0	0	4,641
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	647	1,685	1,090	940	0	0	0	0	4,362
Planning and Design	41	108	70	60	0	0	0	0	279
TOTAL EXPENDITURES:	688	1,793	1,160	1,000	0	0	0	0	4,641

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WASTEWATER TREATMENT PLANTS - REPLACEMENT AND RENOVATION

PROJECT #: 9653261



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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Wastewater Renewal Fund	39,496	8,600	9,000	9,000	9,000	9,000	9,000	9,000	102,096
Wastewater Special Construction Fund	2,999	0	0	0	0	0	0	0	2,999
TOTAL REVENUES:	42,495	8,600	9,000	9,000	9,000	9,000	9,000	9,000	105,095
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	36,774	11,767	8,550	8,550	8,550	8,550	8,550	8,550	99,841
Major Machinery and Equipment	387	124	90	90	90	90	90	90	1,051
Planning and Design	1,548	495	360	360	360	360	360	360	4,203
TOTAL EXPENDITURES:	38,709	12,386	9,000	9,000	9,000	9,000	9,000	9,000	105,095

WATER - DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

PROJECT #: 9653311



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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Fire Hydrant Fund	306	0	0	0	0	0	0	0	306
Future WASD Revenue Bonds	0	16,713	12,470	12,535	10,797	5,500	4,500	0	62,515
WASD Revenue Bonds Sold	33,069	0	0	0	0	0	0	0	33,069
Water Renewal and Replacement Fund	34,416	3,874	1,500	1,500	1,500	1,500	1,500	1,500	47,290
Water Special Construction Fund	15,076	0	0	0	0	0	0	0	15,076
TOTAL REVENUES:	82,867	20,587	13,970	14,035	12,297	7,000	6,000	1,500	158,256
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	73,477	19,400	13,312	13,373	11,773	6,900	5,980	1,380	145,595
Land Acquisition/Improvements	799	211	145	145	128	75	65	15	1,583
Planning and Design	5,591	1,476	1,013	1,017	896	525	455	105	11,078
TOTAL EXPENDITURES:	79,867	21,087	14,470	14,535	12,797	7,500	6,500	1,500	158,256

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WATER - EQUIPMENT

PROJECT #: 9650141

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	1,500	2,500	3,500	3,500	3,500	3,500	102,000	120,000
Water Renewal and Replacement Fund	27,451	8,799	8,000	8,000	8,000	8,000	8,000	8,000	84,250
TOTAL REVENUES:	27,451	10,299	10,500	11,500	11,500	11,500	11,500	110,000	204,250
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Furniture Fixtures and Equipment	491	1,500	2,500	3,500	3,500	3,500	3,500	102,000	120,491
Major Machinery and Equipment	26,960	8,799	8,000	8,000	8,000	8,000	8,000	8,000	83,759
TOTAL EXPENDITURES:	27,451	10,299	10,500	11,500	11,500	11,500	11,500	110,000	204,250

WATER - MAIN EXTENSIONS

PROJECT #: 9651051

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Water Special Construction Fund	1,321	500	500	500	500	500	500	0	4,321
TOTAL REVENUES:	1,321	500	500	500	500	500	500	0	4,321
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	1,321	500	500	500	500	500	500	0	4,321
TOTAL EXPENDITURES:	1,321	500	500	500	500	500	500	0	4,321

WATER - PIPES AND INFRASTRUCTURE PROJECTS

PROJECT #: 967190

DESCRIPTION: Replace pipe and construct infrastructure repairs
 LOCATION: Countywide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	8,928	6,277	3,750	2,350	0	0	0	21,305
WASD Revenue Bonds Sold	2,267	0	0	0	0	0	0	0	2,267
Water Renewal and Replacement Fund	34,730	8,000	8,000	8,000	8,000	8,000	8,000	8,000	90,730
Water Special Construction Fund	8,000	0	0	0	0	0	0	0	8,000
TOTAL REVENUES:	44,997	16,928	14,277	11,750	10,350	8,000	8,000	8,000	122,302
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	28,392	13,267	11,305	9,435	8,399	6,660	7,124	5,920	90,502
Major Machinery and Equipment	8,442	3,944	3,361	2,805	2,497	1,980	2,119	1,760	26,908
Planning and Design	1,535	717	611	510	454	360	385	320	4,892
TOTAL EXPENDITURES:	38,369	17,928	15,277	12,750	11,350	9,000	9,628	8,000	122,302

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WATER - REGIONAL GENERAL MAINTENANCE AND OFFICE FACILITIES

PROJECT #: 9650271



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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	0	0	0	0	0	48,020	48,020
WASD Revenue Bonds Sold	394	0	0	0	0	0	0	0	394
TOTAL REVENUES:	394	0	0	0	0	0	0	48,020	48,414
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	370	0	0	0	0	0	0	45,139	45,509
Land Acquisition/Improvements	4	0	0	0	0	0	0	480	484
Major Machinery and Equipment	16	0	0	0	0	0	0	1,921	1,937
Planning and Design	4	0	0	0	0	0	0	480	484
TOTAL EXPENDITURES:	394	0	0	0	0	0	0	48,020	48,414

WATER - SYSTEM MAINTENANCE AND UPGRADES

PROJECT #: 9650181



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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Water Renewal and Replacement Fund	36,920	16,485	14,304	15,000	15,000	15,000	15,000	15,000	142,709
TOTAL REVENUES:	36,920	16,485	14,304	15,000	15,000	15,000	15,000	15,000	142,709
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	33,143	17,458	14,400	14,400	14,400	14,400	14,400	14,400	137,001
Planning and Design	1,381	727	600	600	600	600	600	600	5,708
TOTAL EXPENDITURES:	34,524	18,185	15,000	15,000	15,000	15,000	15,000	15,000	142,709

WATER - TELEMETERING SYSTEM ENHANCEMENTS

PROJECT #: 9656780



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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Water Renewal and Replacement Fund	2,075	141	1,196	1,000	1,000	1,000	1,000	1,000	8,412
TOTAL REVENUES:	2,075	141	1,196	1,000	1,000	1,000	1,000	1,000	8,412
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	891	65	615	460	460	460	460	460	3,871
Major Machinery and Equipment	1,043	76	722	540	540	540	540	540	4,541
TOTAL EXPENDITURES:	1,934	141	1,337	1,000	1,000	1,000	1,000	1,000	8,412

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WATER SYSTEM - FIRE HYDRANT INSTALLATION

PROJECT #: 9653461



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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Fire Hydrant Fund	9,201	2,500	2,500	2,500	2,500	2,500	2,500	2,500	26,701
TOTAL REVENUES:	9,201	2,500	2,500	2,500	2,500	2,500	2,500	2,500	26,701
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	5,146	2,450	2,450	2,450	2,450	2,450	2,450	6,321	26,167
Planning and Design	105	50	50	50	50	50	50	129	534
TOTAL EXPENDITURES:	5,251	2,500	2,500	2,500	2,500	2,500	2,500	6,450	26,701

WATER TREATMENT PLANT - ALEXANDER ORR, JR. EXPANSION

PROJECT #: 9650031



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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	15,462	13,864	12,001	14,826	24,903	22,938	0	103,994
WASD Revenue Bonds Sold	16,669	0	0	0	0	0	0	0	16,669
Water Renewal and Replacement Fund	7,900	0	0	0	0	0	0	0	7,900
TOTAL REVENUES:	24,569	15,462	13,864	12,001	14,826	24,903	22,938	0	128,563
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	22,358	14,070	12,616	10,921	13,492	22,662	20,874	0	116,993
Major Machinery and Equipment	246	155	139	120	148	249	229	0	1,286
Planning and Design	1,965	1,237	1,109	960	1,186	1,992	1,835	0	10,284
TOTAL EXPENDITURES:	24,569	15,462	13,864	12,001	14,826	24,903	22,938	0	128,563

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WATER TREATMENT PLANT - FLORIDIAN REVERSE OSMOSIS

PROJECT #: 966620

DESCRIPTION: Construct a 10-million gallons per day (MGD) Reverse Osmosis Treatment Plant using Upper Floridian Aquifer; the jointly-owned plant will equally serve the City of Hialeah and WASD service areas; total cost of \$160 million, includes contribution and expenditures of \$80 million from City of Hialeah

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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	1,200	1,000	800	0	0	0	0	3,000
WASD Revenue Bonds Sold	1,000	0	0	0	0	0	0	0	1,000
Water Connection Charges	5,000	0	0	0	0	0	0	0	5,000
Water Renewal and Replacement Fund	1,867	0	0	0	0	0	0	0	1,867
TOTAL REVENUES:	7,867	1,200	1,000	800	0	0	0	0	10,867
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	7,631	1,164	970	776	0	0	0	0	10,541
Planning and Design	236	36	30	24	0	0	0	0	326
TOTAL EXPENDITURES:	7,867	1,200	1,000	800	0	0	0	0	10,867

WATER TREATMENT PLANT - HIALEAH/PRESTON IMPROVEMENTS

PROJECT #: 9650041

DESCRIPTION: Construct pump station east of the reservoir outside the transmission loop; construct five-mega-gal elevated remote storage, new laboratory, filter backwash water tank; install two emergency generators; construct 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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	21,358	9,019	1,914	1,011	0	0	0	33,302
WASD Revenue Bonds Sold	13,190	0	0	0	0	0	0	0	13,190
TOTAL REVENUES:	13,190	21,358	9,019	1,914	1,011	0	0	0	46,492
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	10,420	16,873	7,125	1,512	799	0	0	0	36,729
Land Acquisition/Improvements	1,846	2,990	1,263	268	141	0	0	0	6,508
Planning and Design	924	1,495	631	134	71	0	0	0	3,255
TOTAL EXPENDITURES:	13,190	21,358	9,019	1,914	1,011	0	0	0	46,492

Estimated Annual Operating Impact will begin in FY 2019-20 in the amount of \$15,000,000 and includes 0 FTE(s)

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WATER TREATMENT PLANTS - AUTOMATION

PROJECT #: 963110



DESCRIPTION: Construct facilities and install equipment to automate functions at water treatment plants
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
WASD Revenue Bonds Sold	2,247	0	0	0	0	0	0	0	2,247
TOTAL REVENUES:	2,247	0	0	0	0	0	0	0	2,247
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	1,747	500	0	0	0	0	0	0	2,247
TOTAL EXPENDITURES:	1,747	500	0	0	0	0	0	0	2,247

WATER TREATMENT PLANTS - REPLACEMENT AND RENOVATIONS

PROJECT #: 9650161



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

REVENUE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	0	229	1,000	1,000	545	0	2,774
WASD Revenue Bonds Sold	3,745	0	0	0	0	0	0	0	3,745
Water Renewal and Replacement Fund	27,091	10,000	1,500	1,500	1,500	1,500	1,500	1,500	46,091
TOTAL REVENUES:	30,836	10,000	1,500	1,729	2,500	2,500	2,045	1,500	52,610
EXPENDITURE SCHEDULE:	PRIOR	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	FUTURE	TOTAL
Construction	21,530	16,855	1,410	1,625	2,350	2,350	1,922	1,410	49,452
Major Machinery and Equipment	458	359	30	35	50	50	41	30	1,053
Planning and Design	917	717	60	69	100	100	82	60	2,105
TOTAL EXPENDITURES:	22,905	17,931	1,500	1,729	2,500	2,500	2,045	1,500	52,610

UNFUNDED CAPITAL PROJECTS

PROJECT NAME	LOCATION	(dollars in thousands) ESTIMATED PROJECT COST
CENTRAL DISTRICT WASTEWATER TREATMENT PLANT - IMPROVEMENTS	Throughout Miami Dade County	699
NEW WATER TREATMENT PLANTS - SOUTH MIAMI AND SURFACE	Throughout Miami Dade County	690,818
OCEAN OUTFALLS - CAPACITY PROJECTS	Throughout Miami Dade County	1,730,281
OCEAN OUTFALLS - LEGISLATION PROJECTS	Throughout Miami Dade County	3,469,517
SOUTH DISTRICT WASTEWATER TREATMENT PLANT - IMPROVEMENTS	Throughout Miami Dade County	6,075
UNDERSIZED WATER MAINS - REPLACEMENTS	Throughout Miami Dade County	15,963
WASTEWATER - COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT	Throughout Miami Dade County	143,601
WATER - COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT	Throughout Miami Dade County	480,016
WATER INFRASTRUCTURE - VARIOUS IMPROVEMENTS	Throughout Miami Dade County	5,700
WATER TREATMENT PLANT - ALEX ORR	Throughout Miami Dade County	33,863
WATER TREATMENT PLANT - PRESTON	Throughout Miami Dade County	57,331
WATER TREATMENT PLANT - HIALEAH	Throughout Miami Dade County	21,620
UNFUNDED TOTAL		6,655,484

**WASTEWATER
EXPENDITURE PROJECTIONS
PROJECT/SUB-PROJECT**



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1002	101638	NDWWTP - INJECTION WELLS PS UPGRADE	6,273,826	5,714,199	559,627	559,627	0	0	0	0	0	0	0	0	0	0	559,627
	101947	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	7,157,308	5,473	7,151,835	574,288	772,968	1,504,579	2,300,000	1,000,000	1,000,000	0	0	0	0	0	7,151,835
	102205	2.21.02 SEAWALL PROJECT	5,566,589	0	5,566,589	2,600	563,989	1,500,000	2,000,000	1,500,000	0	0	0	0	0	0	5,566,589
	102206	CD.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	8,904,458	0	8,904,458	325,743	671,640	1,907,075	1,500,000	2,000,000	2,500,000	0	0	0	0	0	8,904,458
	102221	NDWWTP - COMPLETE REPLACEMENT OF 4160 VOLT AND 480 VOLT SWITCHGEAR AND MCCS. REPLACE OUTDATED INEFFICIENT MAGNETIC DRIVES WITH VFDS NDWWTP	18,000,000	0	18,000,000	0	0	0	0	0	0	18,000,000	0	0	0	0	18,000,000
		TOTAL - 1002	45,902,181	5,719,672	40,182,509	1,462,258	2,008,597	4,911,654	5,800,000	4,500,000	3,500,000	18,000,000	0	0	0	0	40,182,509
1003	101991	CDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION	8,500,000	0	8,500,000	0	0	0	0	0	0	0	1,985,641	1,385,028	5,129,331	0	8,500,000
	102223	CDWWTP - STORM HARDENING OF NEW HYPOCHLORITE BUILDING. MWH PLANS ALREADY AT 90% READY FOR PERMITTING	6,000,000	0	6,000,000	500,000	750,000	2,500,000	1,550,000	500,000	200,000	0	0	0	0	0	6,000,000
	102224	CDWWTP - ENCLOSE AND STORM HARDEN OUTDOOR ELECTRICAL SUBSTATIONS 19 AND 20, 19A AND 20A	500,000	0	500,000	0	0	0	0	0	0	500,000	0	0	0	0	500,000
		TOTAL - 1003	15,000,000	0	15,000,000	500,000	750,000	2,500,000	1,550,000	500,000	200,000	500,000	1,985,641	1,385,028	5,129,331	0	15,000,000
1006	102102	SDWWTP FA MONITORING WELL REPLACEMENT	5,315,395	0	5,315,395	180,000	1,135,395	1,700,000	2,000,000	300,000	0	0	0	0	0	0	5,315,395



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS										Future	Total
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028		
		TOTAL - 1006	5,315,395	0	5,315,395	180,000	1,135,395	1,700,000	2,000,000	300,000	0	0	0	0	0	0	5,315,395
1007	101994	SDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION - 8870	7,500,000	0	7,500,000	0	0	0	0	0	0	0	1,056,765	2,413,235	4,030,000	0	7,500,000
	101995	SDWWTP SUSTAINABILITY CARBON DIOXIDE SEQUESTERING WITH EFFLUENT REUSE - 7880 - (CPCS)	21,677,688	0	21,677,688	0	0	0	0	0	0	0	700,000	16,947,688	4,030,000	0	21,677,688
	102184	SDWWTP FOG RECOVERY STATION	22,000,000	0	22,000,000	372,960	899,100	5,626,013	10,101,927	4,250,000	500,000	250,000	0	0	0	0	22,000,000
	102215	SDWWTP - REPLACEMENT 489 VOLT SUBSTATION / MCC OXYGEN PLANT 1 & 2	10,000,000	0	10,000,000	0	0	0	0	0	0	0	0	0	10,000,000	0	10,000,000
	102216	SDWWTP - EMERGENCY GENERATOR #8 SWITCHGEAR BUILDING #2	5,000,000	0	5,000,000	0	0	0	0	0	0	0	0	0	5,000,000	0	5,000,000
	102217	SDWWTP - UPGRADE EMERGENCY GENERATORS TO DUAL FUEL NG / DIESEL IN SWITCHGEAR BUILDING #2 UNIT 1-7	4,200,000	0	4,200,000	0	0	0	0	0	0	0	0	0	4,200,000	0	4,200,000
	102218	SDWWTP - RECONFIGURE 13,200 VOLT DUAL FEEDER SYSTEM TO SUBSTATION 33 AND 34, 31 AND 32, 31A AND 32A, 21 AND 22, 27AND 28, 23 AND 24, 25 AND 26	5,000,000	0	5,000,000	0	0	0	0	0	0	0	0	0	5,000,000	0	5,000,000
	102219	SDWWTP - PROVIDE REDUNDANT FEEDERS TO NEW O2 COMPRESSORS 3 AND 4 FROM SWITCHGEAR BUILDING #2	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000	0	1,000,000
		TOTAL - 1007	76,377,688	0	76,377,688	372,960	899,100	5,626,013	10,101,927	4,250,000	500,000	250,000	1,756,765	19,360,923	33,260,000	0	76,377,688



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1008	101768	WASD SERVICE AREA WEST OF I-75 AND NORTH OF NW 170 ST. (ADM AREA)	12,000,000	0	12,000,000	261,381	750,000	1,591,048	3,032,203	6,365,368	0	0	0	0	0	0	12,000,000
	101924	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	15,000,000	0	15,000,000	480,599	582,338	1,987,087	2,749,976	3,200,000	6,000,000	0	0	0	0	0	15,000,000
	101985	WASTEWATER FORCE MAINS UPGRADES	30,000,000	0	30,000,000	550,000	1,000,000	1,000,000	2,000,000	7,500,000	10,000,000	4,450,000	3,500,000	0	0	0	30,000,000
	102065	24-INCH FORCE MAIN EXTENSION IN NW 167 ST FROM NW 58 AVE TO NW 49 AVE THEN SOUTH TO NW 156 ST - (CPCS)	6,120,000	0	6,120,000	0	0	0	0	0	6,120,000	0	0	0	0	0	6,120,000
	102072	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	77,571,663	0	77,571,663	790,675	1,231,327	5,700,000	9,821,271	15,000,000	17,000,000	15,000,000	9,500,000	2,449,590	1,078,800	0	77,571,663
	102153	60-INCH WEST MIAMI-DADE FORCE MAIN - NORTH - (CPCS)	28,307,403	0	28,307,403	0	0	0	0	0	0	0	28,307,403	0	0	0	28,307,403
	102245	OJUS SANITARY SEWER WITHIN THE OJUS URBAN AREA DISTRICT (DIRECTOR)	10,594,000	0	10,594,000	0	2,118,800	7,357,200	1,118,000	0	0	0	0	0	0	0	10,594,000
	TOTAL - 1008		179,593,066	0	179,593,066	2,082,655	5,682,465	17,635,335	18,721,450	32,065,368	39,120,000	19,450,000	41,307,403	2,449,590	1,078,800	0	179,593,066
1009	102200	BISCAYNE BASIN PROJECTS RELATED TO CL-1	27,578,725	2,449,414	25,129,311	8,919,161	7,963,666	4,246,483	3,000,000	1,000,000	0	0	0	0	0	0	25,129,310
	TOTAL - 1009		27,578,725	2,449,414	25,129,311	8,919,161	7,963,666	4,246,483	3,000,000	1,000,000	0	0	0	0	0	0	25,129,310



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1010	102208	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	20,520,688	0	20,520,688	0	50,000	100,000	2,299,302	7,500,000	10,571,386	0	0	0	0	0	20,520,688
TOTAL - 1010			20,520,688	0	20,520,688	0	50,000	100,000	2,299,302	7,500,000	10,571,386	0	0	0	0	0	20,520,688
1011	100050	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	12,189,667	2,589,667	9,600,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	0	0	0	9,600,000
100890		REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	14,000,000	0	14,000,000	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	14,000,000
101807		REHAB OF ALL JUNCTION CHAMBERS AND ASSOCIATED LINES - (CPCS)	500,000	0	500,000	0	0	0	0	0	0	0	500,000	0	0	0	500,000
101865		PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	44,937,494	170,801	44,766,693	1,564,485	1,077,563	1,524,645	2,500,000	2,700,000	3,000,000	5,500,000	5,500,000	7,900,000	13,500,000	0	44,766,693
102246		COUNTYWIDE CAPACITY AND FLOW REDUCTION (DIRECTOR)	191,164,026	0	191,164,026	0	3,000,000	4,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	154,164,026	0	191,164,026
TOTAL - 1011			262,791,187	2,760,468	260,030,719	2,764,485	7,277,563	8,724,645	10,700,000	10,900,000	11,200,000	13,700,000	14,200,000	12,900,000	167,664,026	0	260,030,719
1012	100055	SPECIAL CONSTRUCTION - SANITARY SEWER IMPROVEMENTS	4,454,554	18,323	4,436,231	1,436,231	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	0	4,436,231
102228		DESIGN BUILD REPLACEMENT OF GRAVITY MAIN IN SHENANDOAH AREA - PHASE A	5,771,107	5,516,978	254,129	254,129	0	0	0	0	0	0	0	0	0	0	254,129



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1012	102229	DESIGN BUILD REPLACEMENT OF GRAVITY MAIN IN SHENANDOAH AREA - PHASE B	4,763,567	4,664,410	99,157	99,157	0	0	0	0	0	0	0	0	0	0	99,157
TOTAL - 1012			14,989,228	10,199,711	4,789,517	1,789,517	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	0	4,789,517
1013	101108	MIAMI SERVICE FACILITY - PHASE 2	21,537,853	164,790	21,373,063	0	0	0	0	0	0	0	0	1,575,000	19,798,063	0	21,373,063
	101461	NORTH MAINTENANCE CENTER	12,174,912	0	12,174,912	0	0	0	0	0	0	0	0	750,000	11,424,912	0	12,174,912
	101506	SOUTH MAINTENANCE CENTER	23,639,461	0	23,639,461	0	0	0	0	0	0	0	23,639,461	0	0	0	23,639,461
	101653	11TH STREET DISTRIBUTION FACILITY RENOVATION	3,599,510	0	3,599,510	0	0	0	0	0	0	0	0	0	3,599,510	0	3,599,510
	101654	WESTWOOD LAKES FACILITY ELEVATOR RENOVATION	1,500,000	0	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000	0	1,500,000
	101886	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	1,443,794	0	1,443,794	0	0	0	0	0	0	0	0	0	1,443,794	0	1,443,794
	101887	MEDLEY YARD BUILDING	2,616,621	1,820,274	796,347	796,346	0	0	0	0	0	0	0	0	0	0	796,346
	101999	WEST MAINTENANCE CENTER	41,000,000	0	41,000,000	0	0	0	0	0	0	0	41,000,000	0	0	0	41,000,000
	102000	GENERAL MAINTENANCE LAND ACQUISITION - SEWER	3,500,000	0	3,500,000	0	0	0	0	0	0	0	0	750,000	2,750,000	0	3,500,000
	102001	LEJEUNE ROAD OFFICE EXPANSION - PHASE 2	5,000,000	0	5,000,000	0	0	0	0	0	0	0	0	850,000	4,150,000	0	5,000,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1013	102030	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS - (CPCS)	25,000,000	0	25,000,000	300,000	750,000	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	3,965,000	2,985,000	5,000,000	0	25,000,000
	102052	MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION	2,698,547	0	2,698,547	0	0	0	0	0	0	0	0	350,000	2,348,547	0	2,698,547
	103005	SOUTH MIAMI HEIGHTS TRAILER INSTALLATION AND SITE DEVELOPMENT	3,565,977	0	3,565,977	997,689	2,568,288	0	0	0	0	0	0	0	0	0	3,565,977
	TOTAL - 1013		147,276,675	1,985,064	145,291,611	2,094,035	3,318,288	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	68,604,461	7,260,000	52,014,826	0	145,291,610
1015	101454	PUMP STATION IMPROVEMENT PROGRAM	125,902,587	82,376,338	43,526,249	24,949,580	14,249,751	4,326,918	0	0	0	0	0	0	0	0	43,526,249
	TOTAL - 1015		125,902,587	82,376,338	43,526,249	24,949,580	14,249,751	4,326,918	0	0	0	0	0	0	0	0	43,526,249
1018	101774	FORCE MAIN IN DORAL 36-INCH DIAMETER SANITARY SEWER FM: IN 107 AVENUE - FROM NW 7 ST. TO NW 25 STREET 36-INCH DIAMETER SANITARY SEWER FORCE MAIN: IN 107 AVENUE - FROM N.W.7 STREET TO N.W. 25 STREET	10,030,690	298,049	9,732,641	789,928	2,236,102	3,206,611	1,500,000	950,000	750,000	300,000	0	0	0	0	9,732,641
	102194	WASTEWATER MASTER PLAN	5,598,900	0	5,598,900	0	0	0	0	0	0	0	5,598,900	0	0	0	5,598,900
	TOTAL - 1018		15,629,590	298,049	15,331,541	789,928	2,236,102	3,206,611	1,500,000	950,000	750,000	300,000	5,598,900	0	0	0	15,331,541
1019	100877	SANITARY SEWER SYSTEM EXTENSION	37,300,098	2,392,486	34,907,612	4,250,000	10,157,612	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	34,907,612
	101733	SANITARY SEWER SYSTEM EXTENSION FOR JPA'S	3,703,496	2,842,837	860,659	860,659	0	0	0	0	0	0	0	0	0	0	860,659



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS										Future	Total
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028		
		TOTAL - 1019	41,003,594	5,235,323	35,768,271	5,110,659	10,157,612	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	35,768,271
1021	102164	REPLACEMENT OF CONE VALVES AT PS# 1310	4,048,777	0	4,048,777	391,034	791,034	966,167	750,000	650,000	500,542	0	0	0	0	0	4,048,777
	102165	REPLACEMENT OF OBSOLETE GENERATORS	7,645,990	0	7,645,990	250,000	438,440	638,440	884,165	940,270	1,100,000	1,644,675	1,750,000	0	0	0	7,645,990
		TOTAL - 1021	11,694,767	0	11,694,767	641,034	1,229,474	1,604,607	1,634,165	1,590,270	1,600,542	1,644,675	1,750,000	0	0	0	11,694,767
1023	100621	TELEMETERING SYSTEM - WASTEWATER	8,841,358	803,151	8,038,207	1,796,207	121,000	1,121,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	8,038,207
		TOTAL - 1023	8,841,358	803,151	8,038,207	1,796,207	121,000	1,121,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	8,038,207
1024	100622	WASTEWATER SYSTEM UPGRADES	182,412,634	15,559,323	166,853,311	24,476,311	22,377,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	0	0	0	166,853,311
		TOTAL - 1024	182,412,634	15,559,323	166,853,311	24,476,311	22,377,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	0	0	0	166,853,311
1025	100623	LIFT STATION STRUCTURAL MAINTENANCE & UPGRADES	37,759,567	4,026,731	33,732,836	5,899,037	6,833,799	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	33,732,836
		TOTAL - 1025	37,759,567	4,026,731	33,732,836	5,899,037	6,833,799	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	33,732,836
1027	100625	MISCELLANEOUS TOOLS AND EQUIPMENT	39,415,867	7,254,936	32,160,931	1,087,211	1,073,720	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	0	0	32,160,931
	101729	VEHICLES/TRANSPORTATION EQUIPMENT	61,506,810	12,563,772	48,943,038	5,165,543	4,315,410	9,462,085	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	0	0	0	48,943,038



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Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1027	101730	HEAVY CONSTRUCTION EQUIPMENT	49,727,362	14,060,862	35,666,500	6,482,500	4,184,000	5,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	0	0	0	35,666,500
TOTAL - 1027			150,650,039	33,879,570	116,770,469	12,735,254	9,573,130	19,462,085	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	0	0	0	116,770,469
1029	100627	WASTEWATER TREATMENT PLANTS REHABILITATION	101,985,077	18,883,261	83,101,816	16,716,744	12,385,072	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	0	0	0	83,101,816
	101732	SECURITY PROJECTS	3,110,133	2,660,633	449,500	449,500	0	0	0	0	0	0	0	0	0	0	449,500
TOTAL - 1029			105,095,210	21,543,894	83,551,316	17,166,244	12,385,072	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	0	0	0	83,551,316
1032	101885	WWTP - VIDEO SURVEILANCE SYSTEM	4,641,916	0	4,641,916	688,424	1,793,312	1,160,180	1,000,000	0	0	0	0	0	0	0	4,641,916
TOTAL - 1032			4,641,916	0	4,641,916	688,424	1,793,312	1,160,180	1,000,000	0	0	0	0	0	0	0	4,641,916
1039	101791	CONTRACT SPECIFICATIONS MIASP	1,326,105	866,794	459,311	0	0	207,466	251,845	0	0	0	0	0	0	0	459,311
TOTAL - 1039			1,326,105	866,794	459,311	0	0	207,466	251,845	0	0	0	0	0	0	0	459,311
1040	101867	CDWWTP HLD FILTERS (141 MGD) (CT-2)	281,719,933	306,332	281,413,601	4,712,000	7,779,381	3,978,489	12,727,580	25,937,302	31,062,056	59,132,093	62,000,000	49,084,700	25,000,000	0	281,413,601
	102006	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	214,374,297	0	214,374,297	50,000	4,384,143	8,499,502	4,802,470	20,573,123	32,443,681	41,184,672	38,436,706	36,500,000	27,500,000	0	214,374,297
	102007	NDWWTP - BZ DEEP INJECTION WELLS (NE-2) (WIFIA)	49,758,212	166,590	49,591,622	997,085	2,230,084	12,487,189	11,795,162	8,880,655	7,732,249	3,467,198	2,002,000	0	0	0	49,591,622



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						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1040	102008	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	54,564,514	0	54,564,514	0	569,991	1,478,573	853,355	5,675,463	19,585,466	10,008,745	7,492,921	5,000,000	3,900,000	0	54,564,514
	102009	CDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	101,630,410	0	101,630,410	1,865,080	2,234,874	3,409,944	7,540,211	12,088,312	20,752,541	37,739,448	16,000,000	0	0	0	101,630,410
	102010	CDWWTP - BZ DEEP INJECTION WELLS (CE-2) (WIFIA)	86,431,109	1,023,863	85,407,246	6,953,940	5,781,710	17,701,136	16,521,412	15,000,000	13,100,000	10,272,503	76,545	0	0	0	85,407,246
	102034	LAND ACQUISITION FOR WDWTP (WDWRRF) (WT-1L)	25,304,471	8,124,832	17,179,639	0	10,179,639	7,000,000	0	0	0	0	0	0	0	0	17,179,639
	102038	CDWWTP - CENTRATE INJECTION WELL (CE-4)	43,276,402	42,776,402	500,000	500,000	0	0	0	0	0	0	0	0	0	0	500,000
	102073	CDWWTP - PEAK FLOW TREATMENT (CT-3)	59,356,991	0	59,356,991	4,806,271	1,543,461	1,400,161	15,871,762	17,963,801	10,771,535	7,000,000	0	0	0	0	59,356,991
	102080	NDWWTP - PEAK FLOW TREATMENT (NT-3)	60,397,883	0	60,397,883	0	867,782	2,237,205	1,495,014	7,163,277	14,808,233	10,860,093	9,566,279	8,750,000	4,650,000	0	60,397,883
	102096	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	35,746,465	21,194,298	14,552,167	12,711,712	1,840,455	0	0	0	0	0	0	0	0	0	14,552,167
	102138	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	116,908,076	17,728,309	99,179,767	14,961,889	13,250,770	15,578,194	16,827,445	13,028,270	10,882,117	5,811,059	2,698,259	1,606,180	4,535,584	0	99,179,767
	102150	SE-2 SDWWTP BZ DEEP MUNICIPAL INJECTION WELLS (WIFIA)	33,970,159	295,329	33,674,830	7,577,802	10,001,494	8,828,040	5,439,454	1,828,040	0	0	0	0	0	0	33,674,830
	102220	NDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING	113,274,840	0	113,274,840	1,656,638	2,828,517	4,265,859	10,822,870	16,562,581	19,952,786	24,185,589	17,000,000	13,500,000	2,500,000	0	113,274,840



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Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1040	102222	CDWWTP ELECTRICAL DISTRIBUTION BUILDINGS 2 AND 3 (CT-3C)	204,826,136	0	204,826,136	4,715,937	5,119,947	4,087,903	7,564,191	12,247,285	20,933,010	27,214,869	61,000,000	51,857,994	10,085,000	0	204,826,136
	103006	CDWWTP - PRELIMINARY SITE PREPARATION (CT-2B)	11,303,020	0	11,303,020	5,402,664	5,528,524	371,832	0	0	0	0	0	0	0	0	11,303,020
	103007	CDWWTP - O2 CLARIFIERS & SECONDARY FILTERS (CT-3B)	153,157,060	0	153,157,060	4,826,240	2,869,674	7,288,941	16,750,000	21,002,189	25,033,722	20,500,000	19,500,000	18,000,000	17,386,294	0	153,157,060
	TOTAL - 1040		1,645,999,978	91,615,955	1,554,384,023	71,737,258	77,010,446	98,612,968	129,010,926	177,950,298	227,057,396	257,376,269	235,772,710	184,298,874	95,556,878	0	1,554,384,023
1041	101611	SANITARY SEWER SYSTEM ENHANCEMENTS	12,785,500	5,546,500	7,239,000	50,000	150,000	144,500	0	0	0	6,894,500	0	0	0	0	7,239,000
	101612	SANITARY SEWER NEEDS ASSESSMENT	2,765,000	2,088,000	677,000	74,400	278,800	157,800	100,800	65,200	0	0	0	0	0	0	677,000
	101796	UPGRADE OF MIAMI SPRINGS PUMP STATION AND CONTRACT SPECIFICATIONS	838,000	733,000	105,000	0	75,000	25,000	5,000	0	0	0	0	0	0	0	105,000
	TOTAL - 1041		16,388,500	8,367,500	8,021,000	124,400	503,800	327,300	105,800	65,200	0	6,894,500	0	0	0	0	8,021,000
1042	101967	WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS	36,835,170	12,835,170	24,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	24,000,000
	TOTAL - 1042		36,835,170	12,835,170	24,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	24,000,000
1044	102500	SDWWTP - HEADWORKS	2,364,067	163,595	2,200,472	927,456	1,273,017	0	0	0	0	0	0	0	0	0	2,200,473



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Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1044	102501	SDWWTP - OXYGEN PRODUCTION	18,535,869	1,886,037	16,649,832	1,674,162	9,169,207	5,564,018	242,445	0	0	0	0	0	0	0	16,649,832
	102502	SDWWTP - OXYGENATION TRAINS	9,383,783	2,118,629	7,265,154	281,289	1,025,140	1,824,207	2,165,249	1,717,825	251,444	0	0	0	0	0	7,265,154
	102503	SDWWTP - CHLORINE BUILDING	3,571,327	0	3,571,327	65,049	280,083	1,838,562	1,387,633	0	0	0	0	0	0	0	3,571,327
	102504	SDWWTP - EFFLUENT PUMP STATION	47,925,502	4,976,559	42,948,943	1,982,918	8,174,941	21,813,697	10,977,387	0	0	0	0	0	0	0	42,948,943
	102506	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	127,377,373	7,254,092	120,123,281	5,534,312	10,530,384	15,727,176	20,759,699	19,571,710	15,000,000	13,500,000	12,500,000	7,000,000	0	0	120,123,281
	102507	SDWWTP - DEWATERING FACILITY	78,752,227	2,237,515	76,514,712	0	0	2,262,918	14,833,792	25,418,003	17,000,000	12,500,000	4,500,000	0	0	0	76,514,713
	102508	SDWWTP - FOG REMOVAL FACILITY	7,831,779	3,773,903	4,057,876	1,644,015	2,013,861	400,000	0	0	0	0	0	0	0	0	4,057,876
	102509	SDWWTP - ODOR CONTROL	15,966,700	0	15,966,700	210,139	404,156	986,411	7,848,159	6,409,170	108,665	0	0	0	0	0	15,966,700
	102510	SDWWTP - GENERAL ELECTRICAL	13,477,420	779,562	12,697,858	406,726	3,625,560	5,365,572	3,300,000	0	0	0	0	0	0	0	12,697,858
	102511	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	4,911,028	1,794,383	3,116,645	1,511,268	1,523,632	81,745	0	0	0	0	0	0	0	0	3,116,645
	102600	CDWWTP - ELECTRICAL IMPROVEMENTS	16,345,509	2,845,160	13,500,349	560,441	2,784,230	9,191,738	963,940	0	0	0	0	0	0	0	13,500,349
	102601	CDWWTP - BUILDING IMPROVEMENTS	4,978,208	3,161,774	1,816,434	1,107,697	708,737	0	0	0	0	0	0	0	0	0	1,816,434



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Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1044	102602	HEADWORKS PLANT 1	16,803,541	13,462,769	3,340,772	3,169,793	170,979	0	0	0	0	0	0	0	0	0	3,340,772
	102603	CDWWTP - HEADWORKS PLANT 2	8,688,785	5,383,646	3,305,139	2,334,232	970,907	0	0	0	0	0	0	0	0	0	3,305,139
	102604	CDWWTP - OXYGENATION TRAINS PLANT 1	2,884,547	2,270,740	613,807	613,806	0	0	0	0	0	0	0	0	0	0	613,806
	102605	CDWWTP - OXYGENATION TRAINS PLANT 2	15,762,324	6,600,033	9,162,291	3,164,521	4,399,651	1,598,119	0	0	0	0	0	0	0	0	9,162,291
	102606	CDWWTP - SECONDARY CLARIFIERS PLANT 1	22,908,874	30,327	22,878,547	735,140	2,055,494	3,784,875	6,063,427	6,112,342	3,004,174	1,123,095	0	0	0	0	22,878,547
	102607	CDWWTP - SECONDARY CLARIFIERS PLANT 2	12,362,541	61,737	12,300,804	723,351	1,905,203	3,392,829	3,424,111	1,666,889	1,188,421	0	0	0	0	0	12,300,804
	102608	CDWWTP - RS PUMP STATIONS PLANT 1	14,344,408	111	14,344,297	264,346	470,920	947,292	2,627,865	4,464,636	3,785,191	1,784,047	0	0	0	0	14,344,297
	102609	CDWWTP - RS PUMP STATIONS PLANT 2	32,753,208	4,315,440	28,437,768	1,373,312	3,515,658	6,627,285	7,572,240	5,035,312	4,313,961	0	0	0	0	0	28,437,768
	102610	CDWWTP - EFFLUENT PUMP STATION	29,080,006	1,641,911	27,438,095	2,989,083	15,344,717	6,104,295	3,000,000	0	0	0	0	0	0	0	27,438,095
	102613	CDWWTP - DIGESTERS PLANT 1	7,880,724	180,043	7,700,681	93,225	307,217	182,359	2,140,153	3,646,292	1,300,777	30,658	0	0	0	0	7,700,681
	102614	CDWWTP - DIGESTERS PLANT 2	123,523,687	32,641,906	90,881,781	7,260,589	15,743,544	19,124,665	12,180,785	10,427,801	9,144,398	7,500,000	6,500,000	3,000,000	0	0	90,881,782
	102615	CDWWTP - DEWATERING BUILDING	119,773,993	2,512,390	117,261,603	32,165	50,000	6,799,859	11,150,909	20,269,667	30,959,003	28,000,000	20,000,000	0	0	0	117,261,603
	102616	CDWWTP - CHLORINATION FACILITIES	24,932,413	20,713,229	4,219,184	4,123,645	95,538	0	0	0	0	0	0	0	0	0	4,219,183



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						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1044	102618	CDWWTP - CO-GEN FACILITY	57,197,136	23,286,585	33,910,551	12,371,213	14,539,339	6,000,000	1,000,000	0	0	0	0	0	0	0	33,910,552
	102620	CDWWTP - PUMP STATION 1	8,253,336	2,141,270	6,112,066	3,430,383	2,681,683	0	0	0	0	0	0	0	0	0	6,112,066
	102621	CDWWTP - PUMP STATION 2	8,835,022	4,266,181	4,568,841	4,201,912	366,929	0	0	0	0	0	0	0	0	0	4,568,841
	102624	CDWWTP - VENTILATION IMPROVEMENTS	10,078,855	333,900	9,744,955	404,363	650,080	500,184	2,053,187	4,378,932	1,758,209	0	0	0	0	0	9,744,955
	102626	CDWWTP - OXYGEN PRODUCTION	75,307,148	3,256,438	72,050,710	970,113	5,837,223	15,136,069	19,107,305	12,000,000	9,500,000	6,750,000	2,750,000	0	0	0	72,050,710
	102628	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	124,346,653	22,400,077	101,946,576	17,676,925	22,376,247	17,351,193	14,873,214	15,644,223	9,558,456	3,649,176	817,142	0	0	0	101,946,576
	102700	NDWWTP - HEADWORKS AND SLUDGE DEGRITTING TRANSFER	33,991,835	29,652,174	4,339,661	4,339,661	0	0	0	0	0	0	0	0	0	0	4,339,661
	102701	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	70,833,927	6,904,078	63,929,849	3,575,507	13,972,181	19,975,652	15,406,508	7,500,000	3,500,000	0	0	0	0	0	63,929,848
	102702	NDWWTP - OXYGENATION TRAINS	62,224,423	0	62,224,423	215,162	1,874,943	2,673,480	5,319,729	16,532,844	23,199,682	12,408,583	0	0	0	0	62,224,423
	102703	NDWWTP - OXYGEN PRODUCTION	44,649,707	16,619	44,633,088	754,058	1,071,976	1,069,047	3,015,421	13,507,118	16,825,537	8,389,931	0	0	0	0	44,633,088
	102704	NDWWTP - SECONDARY CLARIFIERS	48,730,203	19,655,746	29,074,457	1,049,400	2,743,578	5,129,872	6,512,181	6,400,758	5,424,669	1,813,999	0	0	0	0	29,074,457
	102705	NDWWTP - DISINFECTION	17,917,812	1,733,443	16,184,369	3,234,027	5,776,009	4,174,333	3,000,000	0	0	0	0	0	0	0	16,184,369



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						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028			
1044	102706	NDWWTP - EFFLUENT DISPOSAL	9,250,955	5,635,448	3,615,507	2,295,561	1,319,946	0	0	0	0	0	0	0	0	0	3,615,507	
	102707	NDWWTP - PLANT WIDE ELECTRICAL	2,642,756	224,443	2,418,313	132,789	735,668	1,473,747	76,109	0	0	0	0	0	0	0	2,418,313	
	TOTAL - 1044		1,357,379,611	240,311,892	1,117,067,719	97,433,754	160,488,578	187,101,199	181,001,448	180,703,522	155,822,587	97,449,489	47,067,142	10,000,000	0	0	1,117,067,719	
1045	102800	COLLECTION SYSTEM I/I REPAIRS	115,038,136	41,122,967	73,915,169	13,017,871	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	0	0	0	73,915,169	
	102802	GOVERNMENT CUT FM - PHASE 3	88,125,782	88,080,995	44,787	44,787	0	0	0	0	0	0	0	0	0	0	44,787	
	102803	NORTH DADE 72 INCH PCCP FM REHABILITATION	21,477,280	21,477,280	0	0	0	0	0	0	0	0	0	0	0	0	0	
	102804	SOUTH DADE 54 INCH PCCP FM REHABILITATION	43,981,261	37,836,097	6,145,164	6,145,164	0	0	0	0	0	0	0	0	0	0	6,145,164	
	102807	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	20,024,257	16,228,231	3,796,026	3,796,026	0	0	0	0	0	0	0	0	0	0	3,796,026	
	102808	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	31,258,162	12,725,302	18,532,860	5,503,473	8,029,387	3,000,000	2,000,000	0	0	0	0	0	0	0	18,532,860	
	102809	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	23,509,870	16,595,614	6,914,256	3,962,897	0	0	1,236,753	1,714,606	0	0	0	0	0	0	6,914,256	
	TOTAL - 1045		343,414,748	234,066,486	109,348,262	32,470,218	16,729,001	11,699,614	11,936,367	10,414,220	8,699,614	8,699,614	8,699,614	0	0	0	109,348,262	
1046	102900	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	11,869,815	9,253,181	2,616,634	2,616,634	0	0	0	0	0	0	0	0	0	0	2,616,634	



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1046	102902	UPGRADE OF PS#0692	15,493,126	2,479,472	13,013,654	2,851,691	9,913,165	248,798	0	0	0	0	0	0	0	0	0	13,013,654
	102903	REPLACEMENT OF SWITCHGEAR PS#0414	7,305,465	3,247,903	4,057,562	4,003,677	53,884	0	0	0	0	0	0	0	0	0	0	4,057,561
	102904	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0415	8,005,876	4,112,337	3,893,539	3,893,539	0	0	0	0	0	0	0	0	0	0	0	3,893,539
	102905	REPLACEMENT OF SWITCHGEAR PS#0416	7,313,640	3,902,405	3,411,235	3,373,699	37,535	0	0	0	0	0	0	0	0	0	0	3,411,234
	102906	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0417	7,526,236	1,449,877	6,076,359	5,022,999	1,053,360	0	0	0	0	0	0	0	0	0	0	6,076,359
	102907	REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT IN PS#0107	2,091,278	2,091,278	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	102908	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	12,619,481	1,065,139	11,554,342	580,162	2,705,832	4,827,039	2,198,850	1,025,916	216,543	0	0	0	0	0	0	11,554,342
	102909	UPGRADE OF PS#0488	868,241	857,291	10,950	10,950	0	0	0	0	0	0	0	0	0	0	0	10,950
	102910	INSTALLATION OF 60 INCH FM FROM KENDALL DR TO PS#0536	1,936,461	613,449	1,323,012	1,275,443	47,569	0	0	0	0	0	0	0	0	0	0	1,323,012
	102911	REPLACEMENT OF SWITCHGEAR AT PS#0187	12,853,739	10,717,494	2,136,245	2,136,245	0	0	0	0	0	0	0	0	0	0	0	2,136,245
	102914	UPGRADE OF PS #0065, 0201, 0334, 0374, 0607	6,110,043	5,822,943	287,101	287,101	0	0	0	0	0	0	0	0	0	0	0	287,101



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**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1046	102915	UPGRADE OF PS #00198, 0437, 0466, 0680	4,071,507	3,310,533	760,974	760,974	0	0	0	0	0	0	0	0	0	0	0	760,974
	102916	UPGRADE OF PS #0037, 0351, 0370, 0403	6,023,411	4,206,870	1,816,541	1,816,541	0	0	0	0	0	0	0	0	0	0	0	1,816,541
	102917	UPGRADE OF PS #0441, 0491, 0710, 0827, 0852, 1236	6,635,470	610,071	6,025,399	5,230,190	795,209	0	0	0	0	0	0	0	0	0	0	6,025,399
		TOTAL - 1046	110,723,789	53,740,243	56,983,546	33,859,845	14,606,554	5,075,837	2,198,850	1,025,916	216,543	0	0	0	0	0	0	56,983,545
1047	103000	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - GRAVITY AND FORCE MAINS	100,800,000	3,056,800	97,743,200	4,381,600	8,306,400	12,380,800	15,180,000	16,376,000	24,720,000	16,398,400	0	0	0	0	0	97,743,200
	103001	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PUMP STATIONS	25,200,000	764,200	24,435,800	1,095,400	2,076,600	3,095,200	3,795,000	4,094,000	6,180,000	4,099,600	0	0	0	0	0	24,435,800
	103002	SUPPLEMENTAL ENVIRONMENT PROJECT (SEP)	5,298,608	1,509,992	3,788,616	3,769,611	19,005	0	0	0	0	0	0	0	0	0	0	3,788,616
		TOTAL - 1047	131,298,608	5,330,992	125,967,616	9,246,611	10,402,005	15,476,000	18,975,000	20,470,000	30,900,000	20,498,000	0	0	0	0	0	125,967,616
1048	101757	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAIYNE BASIN IMPROVEMENTS (CL-1)	27,392,419	21,363,308	6,029,112	5,511,349	517,762	0	0	0	0	0	0	0	0	0	0	6,029,112
	102055	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	34,942,789	5,830,668	29,112,121	3,268,643	1,732,350	9,333,249	11,453,363	2,223,240	1,101,276	0	0	0	0	0	0	29,112,121
	102056	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	124,018,406	6,763,513	117,254,893	2,313,928	5,343,920	9,273,266	12,395,455	20,928,324	19,000,000	17,500,000	15,500,000	15,000,000	0	0	0	117,254,893



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1048	103008	SDWWTP - FILTER BACKWASH (ST-1C)	17,845,864	0	17,845,864	139,462	3,126,849	12,189,985	2,389,568	0	0	0	0	0	0	0	17,845,864
	103009	SDWWTP - CHLORINE CONTACT & WELLS PS (ST-2C)	77,417,138	0	77,417,138	1,169,987	10,377,303	15,419,477	19,355,766	15,094,605	9,500,000	5,500,000	1,000,000	0	0	0	77,417,138
	103010	SDWWTP - CLARIFIERS AND HLD (ST-2B)	123,555,343	0	123,555,343	1,083,499	7,546,716	10,851,112	12,160,196	14,013,820	15,500,000	18,500,000	17,750,000	22,000,000	4,150,000	0	123,555,343
	103011	SDWWTP - ELECTRICAL BUILDING (ST-2D)	126,611,297	0	126,611,297	1,224,516	7,613,255	10,934,112	21,139,971	17,262,621	15,436,822	14,000,000	12,500,000	16,500,000	10,000,000	0	126,611,297
		TOTAL - 1048	531,783,256	33,957,489	497,825,768	14,711,384	36,258,155	68,001,201	78,894,319	69,522,610	60,538,098	55,500,000	46,750,000	53,500,000	14,150,000	0	497,825,767
1049	100984	REFURBISH STRUCTURES IN PUMP STATIONS	2,511,539	135,835	2,375,704	665,669	600,000	400,000	400,000	310,035	0	0	0	0	0	0	2,375,704
	101710	MASTER PUMP STATION NO. 3 (FORMERLY P.S. 8)	46,939,789	46,889,043	50,746	50,747	0	0	0	0	0	0	0	0	0	0	50,747
	101816	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS (VAPE)	2,300,000	0	2,300,000	735,000	575,000	350,000	290,000	175,000	175,000	0	0	0	0	0	2,300,000
	101823	INSTALLATION OF REMOTE SYSTEM MONITORING VIDEO EQUIPMENT AT PUMP STATIONS	1,655,500	0	1,655,500	175,000	250,000	375,000	256,500	299,500	299,500	0	0	0	0	0	1,655,500
	101837	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	12,260,000	0	12,260,000	550,000	751,230	1,002,500	1,315,000	2,527,000	3,750,000	1,200,700	1,163,570	0	0	0	12,260,000
	101840	REPLACEMENT OF ANVIC DRIVES AND SWITCHGEAR AT PS#0536	2,102,514	1,298,988	803,526	803,526	0	0	0	0	0	0	0	0	0	0	803,526
	101846	PS 559 FLOW METER	500,000	0	500,000	0	0	350,000	150,000	0	0	0	0	0	0	0	500,000



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Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1049	101930	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	4,425,000	887,130	3,537,870	770,625	850,000	700,000	911,361	305,884	0	0	0	0	0	0	3,537,870
	101933	REPLACEMENT OF SUBMERSIBLE PUMPING EQUIPMENT	750,000	0	750,000	350,000	225,000	175,000	0	0	0	0	0	0	0	0	750,000
	101934	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	2,514,908	129,908	2,385,000	345,000	550,000	620,000	550,000	320,000	0	0	0	0	0	0	2,385,000
	102042	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	16,500,000	0	16,500,000	207,149	1,081,090	1,695,844	1,815,917	2,000,000	4,000,000	2,000,000	1,700,000	2,000,000	0	0	16,500,000
	102043	DORAL BASIN UPGRADE - P.S. 14 UPGRADE - COUNTY SHARE	4,176,232	0	4,176,232	59,500	3,256,732	860,000	0	0	0	0	0	0	0	0	4,176,232
	102045	P.S. 2 BASIN UPGRADE - PHASE 1 LOCAL	7,543,643	310,719	7,232,924	176,171	1,945,803	3,471,950	1,639,000	0	0	0	0	0	0	0	7,232,924
	102126	RELOCATION OF 20 PUMP STATIONS	14,604,791	352,297	14,252,494	522,456	1,108,712	1,311,326	1,400,000	1,500,000	2,310,000	3,000,000	2,000,000	600,000	500,000	0	14,252,494
	102160	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	20,000,000	0	20,000,000	575,000	750,000	1,000,000	1,100,000	3,400,980	4,050,000	5,345,906	1,578,114	1,250,000	950,000	0	20,000,000
	102161	CONVERSION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	18,000,004	0	18,000,004	177,756	494,625	785,088	925,601	2,750,000	3,000,000	2,500,000	2,916,933	3,550,001	900,000	0	18,000,004
	102163	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	13,106,279	0	13,106,279	203,753	897,014	1,203,100	1,650,000	1,220,803	4,431,609	2,500,000	1,000,000	0	0	0	13,106,279
	102192	OUT OF COMPLIANCE PUMP STATIONS	114,967,240	618,051	114,349,189	542,025	1,100,000	1,800,000	1,900,000	3,318,800	3,900,000	4,250,000	56,837,069	27,630,096	13,071,199	0	114,349,189



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Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1049	102201	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	16,000,000	0	16,000,000	105,000	385,000	665,000	700,000	1,050,000	8,295,000	4,800,000	0	0	0	0	16,000,000
	102202	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	7,000,000	0	7,000,000	105,000	245,000	525,000	700,000	1,050,000	2,275,000	2,100,000	0	0	0	0	7,000,000
	102213	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	25,193,698	0	25,193,698	176,896	536,108	887,600	1,050,000	1,225,000	3,759,000	7,558,109	10,000,985	0	0	0	25,193,698
	102225	PS #1 (4ST.) REPLACE ELECTRICAL SWITCHGEAR AND MCCS	1,500,000	0	1,500,000	0	0	0	0	0	0	1,500,000	0	0	0	0	1,500,000
	102226	PS #3 RECONFIGURE ELECTRICAL SYSTEM TO ACCEPT 2000KW 4160 VOLT PORTABLE GENERATOR	1,300,000	0	1,300,000	910,000	390,000	0	0	0	0	0	0	0	0	0	1,300,000
	TOTAL - 1049		335,851,137	50,621,970	285,229,167	8,206,273	15,991,314	18,177,408	16,753,379	21,453,002	40,245,109	36,754,715	77,196,671	35,030,097	15,421,199	0	285,229,167
	TOTAL - Wastewater		5,989,976,997	918,551,200	5,071,425,798	385,207,492	445,531,179	521,504,524	554,434,778	603,160,406	649,421,275	596,017,262	605,689,307	326,184,512	384,275,060	0	5,071,425,795

**WASTEWATER
EXPENDITURE PROJECTIONS
PROJECT/SUB-PROJECT
WITH FUNDS**



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future			
1002	101638	NDWWTP - INJECTION WELLS PS UPGRADE	EW660	A	6,273,826	5,714,199	559,627	559,627	0	0	0	0	0	0	0	0	0	0	0	559,627	
TOTAL - 101638					6,273,826	5,714,199	559,627	559,627	0	0	0	0	0	0	0	0	0	0	0	0	559,627
1002	101947	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	2019S	F	772,968	0	772,968	0	772,968	0	0	0	0	0	0	0	0	0	0	0	772,968
			2020S	F	1,504,579	0	1,504,579	0	0	1,504,579	0	0	0	0	0	0	0	0	0	0	1,504,579
			2021S	F	2,300,000	0	2,300,000	0	0	0	2,300,000	0	0	0	0	0	0	0	0	0	2,300,000
			2022S	F	1,000,000	0	1,000,000	0	0	0	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000
			2023S	F	1,000,000	0	1,000,000	0	0	0	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000
			EW660	A	579,761	5,473	574,288	574,288	0	0	0	0	0	0	0	0	0	0	0	0	574,288
TOTAL - 101947					7,157,308	5,473	7,151,835	574,288	772,968	1,504,579	2,300,000	1,000,000	1,000,000	0	0	0	0	0	0	0	7,151,835
1002	102205	2.21.02 SEAWALL PROJECT	2019S	F	563,989	0	563,989	0	563,989	0	0	0	0	0	0	0	0	0	0	0	563,989
			2020S	F	1,500,000	0	1,500,000	0	0	1,500,000	0	0	0	0	0	0	0	0	0	0	1,500,000
			2021S	F	2,000,000	0	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000
			2022S	F	1,500,000	0	1,500,000	0	0	0	0	1,500,000	0	0	0	0	0	0	0	0	1,500,000
			EW660	A	2,600	0	2,600	2,600	0	0	0	0	0	0	0	0	0	0	0	0	2,600
TOTAL - 102205					5,566,589	0	5,566,589	2,600	563,989	1,500,000	2,000,000	1,500,000	0	0	0	0	0	0	0	0	5,566,589
1002	102206	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	2019S	F	671,640	0	671,640	0	671,640	0	0	0	0	0	0	0	0	0	0	0	671,640
			2020S	F	1,907,075	0	1,907,075	0	0	1,907,075	0	0	0	0	0	0	0	0	0	0	1,907,075
			2021S	F	1,500,000	0	1,500,000	0	0	0	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
			2022S	F	2,000,000	0	2,000,000	0	0	0	0	2,000,000	0	0	0	0	0	0	0	0	2,000,000
			2023S	F	2,500,000	0	2,500,000	0	0	0	0	0	2,500,000	0	0	0	0	0	0	0	2,500,000

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1002	102206	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	EW660	A	325,743	0	325,743	325,743	0	0	0	0	0	0	0	0	0	0	0	325,743
TOTAL - 102206					8,904,458	0	8,904,458	325,743	671,640	1,907,075	1,500,000	2,000,000	2,500,000	0	0	0	0	0	0	8,904,458
1002	102221	NDWWTP - COMPLETE REPLACEMENT OF 4160 VOLT AND 480 VOLT SWITCHGEAR AND MCCS. REPLACE OUTDATED INEFFICIENT MAGNETIC DRIVES WITH VFDS NDWWTP	2024S	F	18,000,000	0	18,000,000	0	0	0	0	0	0	18,000,000	0	0	0	0	0	18,000,000
TOTAL - 102221					18,000,000	0	18,000,000	0	0	0	0	0	0	18,000,000	0	0	0	0	0	18,000,000
TOTAL - 1002					45,902,181	5,719,672	40,182,509	1,462,258	2,008,597	4,911,654	5,800,000	4,500,000	3,500,000	18,000,000	0	0	0	0	0	40,182,509
1003	101991	CDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION	FUT-S	F	8,500,000	0	8,500,000	0	0	0	0	0	0	0	1,985,641	1,385,028	5,129,331	0	0	8,500,000
TOTAL - 101991					8,500,000	0	8,500,000	0	0	0	0	0	0	0	1,985,641	1,385,028	5,129,331	0	0	8,500,000
1003	102223	CDWWTP - STORM HARDENING OF NEW HYPOCHLORITE BUILDING. MWH PLANS ALREADY AT 90% READY FOR PERMITTING	2019S	F	750,000	0	750,000	0	750,000	0	0	0	0	0	0	0	0	0	0	750,000
			2020S	F	2,500,000	0	2,500,000	0	0	2,500,000	0	0	0	0	0	0	0	0	0	2,500,000
			2021S	F	1,550,000	0	1,550,000	0	0	0	1,550,000	0	0	0	0	0	0	0	0	1,550,000
			2022S	F	500,000	0	500,000	0	0	0	0	500,000	0	0	0	0	0	0	0	500,000
			2023S	F	200,000	0	200,000	0	0	0	0	0	500,000	0	0	0	0	0	0	200,000
			EW660	A	500,000	0	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0	500,000
TOTAL - 102223					6,000,000	0	6,000,000	500,000	750,000	2,500,000	1,550,000	500,000	200,000	0	0	0	0	0	0	6,000,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1003	102224	CDWWTP - ENCLOSE AND STORM HARDEN OUTDOOR ELECTRICAL SUBSTATIONS 19 AND 20, 19A AND 20A	2024S	F	500,000	0	500,000	0	0	0	0	0	0	500,000	0	0	0	0	0	500,000
		TOTAL - 102224			500,000	0	500,000	0	0	0	0	0	0	500,000	0	0	0	0	0	500,000
		TOTAL - 1003			15,000,000	0	15,000,000	500,000	750,000	2,500,000	1,550,000	500,000	200,000	500,000	1,985,641	1,385,028	5,129,331	0	0	15,000,000
1006	102102	SDWWTP FA MONITORING WELL REPLACEMENT	2019S	F	949,190	0	949,190	0	949,190	0	0	0	0	0	0	0	0	0	0	949,190
			2020S	F	1,700,000	0	1,700,000	0	0	1,700,000	0	0	0	0	0	0	0	0	0	1,700,000
			2021S	F	2,000,000	0	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0	0	2,000,000
			2022S	F	300,000	0	300,000	0	0	0	0	300,000	0	0	0	0	0	0	0	300,000
			EW623	A	258,205	0	258,205	72,000	186,205	0	0	0	0	0	0	0	0	0	0	258,205
			EW660	A	108,000	0	108,000	108,000	0	0	0	0	0	0	0	0	0	0	0	108,000
		TOTAL - 102102			5,315,395	0	5,315,395	180,000	1,135,395	1,700,000	2,000,000	300,000	0	0	0	0	0	0	0	5,315,395
		TOTAL - 1006			5,315,395	0	5,315,395	180,000	1,135,395	1,700,000	2,000,000	300,000	0	0	0	0	0	0	0	5,315,395
1007	101994	SDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION - 8870	FUT-S	F	7,500,000	0	7,500,000	0	0	0	0	0	0	0	1,056,765	2,413,235	4,030,000	0	0	7,500,000
		TOTAL - 101994			7,500,000	0	7,500,000	0	0	0	0	0	0	0	1,056,765	2,413,235	4,030,000	0	0	7,500,000
1007	101995	SDWWTP SUSTAINABILITY CARBON DIOXIDE SEQUESTERING WITH EFFLUENT REUSE - 7880 - (CPCS)	FUT-S	F	21,677,688	0	21,677,688	0	0	0	0	0	0	0	700,000	16,947,688	4,030,000	0	0	21,677,688
		TOTAL - 101995			21,677,688	0	21,677,688	0	0	0	0	0	0	0	700,000	16,947,688	4,030,000	0	0	21,677,688
1007	102184	SDWWTP FOG RECOVERY STATION	2019S	F	699,100	0	699,100	0	699,100	0	0	0	0	0	0	0	0	0	0	699,100
			2020S	F	5,626,013	0	5,626,013	0	0	5,626,013	0	0	0	0	0	0	0	0	0	5,626,013

Prepared by Capital Planning and Coordination Section



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Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future		
1007	102184	SDWWTP FOG RECOVERY STATION	2021S	F	10,101,927	0	10,101,927	0	0	0	10,101,927	0	0	0	0	0	0	0	0	10,101,927
			2022S	F	4,250,000	0	4,250,000	0	0	0	0	4,250,000	0	0	0	0	0	0	0	4,250,000
			2023S	F	500,000	0	500,000	0	0	0	0	0	500,000	0	0	0	0	0	0	500,000
			2024S	F	250,000	0	250,000	0	0	0	0	0	0	250,000	0	0	0	0	0	250,000
			EW623	A	400,000	0	400,000	200,000	200,000	0	0	0	0	0	0	0	0	0	0	400,000
			EW660	A	172,960	0	172,960	172,960	0	0	0	0	0	0	0	0	0	0	0	172,960
		TOTAL - 102184			22,000,000	0	22,000,000	372,960	899,100	5,626,013	10,101,927	4,250,000	500,000	250,000	0	0	0	0	0	22,000,000
1007	102215	SDWWTP - REPLACEMENT 489 VOLT SUBSTATION / MCC OXYGEN PLANT 1 & 2	FUT-S	F	10,000,000	0	10,000,000	0	0	0	0	0	0	0	0	0	0	10,000,000	0	10,000,000
		TOTAL - 102215			10,000,000	0	10,000,000	0	0	0	0	0	0	0	0	0	0	10,000,000	0	10,000,000
1007	102216	SDWWTP - EMERGENCY GENERATOR #8 SWITCHGEAR BUILDING #2	FUT-S	F	5,000,000	0	5,000,000	0	0	0	0	0	0	0	0	0	0	5,000,000	0	5,000,000
		TOTAL - 102216			5,000,000	0	5,000,000	0	0	0	0	0	0	0	0	0	0	5,000,000	0	5,000,000
1007	102217	SDWWTP - UPGRADE EMERGENCY GENERATORS TO DUAL FUEL NG / DIESEL IN SWITCHGEAR BUILDING #2 UNIT 1-7	FUT-S	F	4,200,000	0	4,200,000	0	0	0	0	0	0	0	0	0	0	4,200,000	0	4,200,000
		TOTAL - 102217			4,200,000	0	4,200,000	0	0	0	0	0	0	0	0	0	0	4,200,000	0	4,200,000
1007	102218	SDWWTP - RECONFIGURE 13,200 VOLT DUAL FEEDER SYSTEM TO SUBSTATION 33 AND 34, 31 AND 32, 31A AND 32A, 21 AND 22, 27AND 28, 23 AND 24, 25 AND 26	FUT-S	F	5,000,000	0	5,000,000	0	0	0	0	0	0	0	0	0	0	5,000,000	0	5,000,000
		TOTAL - 102218			5,000,000	0	5,000,000	0	0	0	0	0	0	0	0	0	0	5,000,000	0	5,000,000

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1007	102219	SDWWTP - PROVIDE REDUNDANT FEEDERS TO NEW O2 COMPRESSORS 3 AND 4 FROM SWITCHGEAR BUILDING #2	FUT-S	F	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000	0	1,000,000
		TOTAL - 102219			1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000	0	1,000,000
		TOTAL - 1007			76,377,688	0	76,377,688	372,960	899,100	5,626,013	10,101,927	4,250,000	500,000	250,000	1,756,765	19,360,923	33,260,000	0	76,377,688	
1008	101768	WASD SERVICE AREA WEST OF I-75 AND NORTH OF NW 170 ST. (ADM AREA)	EW623	A	12,000,000	0	12,000,000	261,381	750,000	1,591,048	3,032,203	6,365,368	0	0	0	0	0	0	0	12,000,000
		TOTAL - 101768			12,000,000	0	12,000,000	261,381	750,000	1,591,048	3,032,203	6,365,368	0	0	0	0	0	0	0	12,000,000
1008	101924	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	2019S	F	582,338	0	582,338	0	582,338	0	0	0	0	0	0	0	0	0	0	582,338
			2020S	F	1,987,087	0	1,987,087	0	0	1,987,087	0	0	0	0	0	0	0	0	0	1,987,087
			2021S	F	2,749,976	0	2,749,976	0	0	0	2,749,976	0	0	0	0	0	0	0	0	2,749,976
			2022S	F	3,200,000	0	3,200,000	0	0	0	0	3,200,000	0	0	0	0	0	0	0	3,200,000
			2023S	F	6,000,000	0	6,000,000	0	0	0	0	0	6,000,000	0	0	0	0	0	0	6,000,000
			EW660	A	480,599	0	480,599	480,599	0	0	0	0	0	0	0	0	0	0	0	480,599
		TOTAL - 101924			15,000,000	0	15,000,000	480,599	582,338	1,987,087	2,749,976	3,200,000	6,000,000	0	0	0	0	0	0	15,000,000
1008	101985	WASTEWATER FORCE MAINS UPGRADES	2019S	F	1,000,000	0	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000
			2020S	F	1,000,000	0	1,000,000	0	0	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
			2021S	F	2,000,000	0	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0	0	2,000,000
			2022S	F	7,500,000	0	7,500,000	0	0	0	0	7,500,000	0	0	0	0	0	0	0	7,500,000



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Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS													
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total		
1008	101985	WASTEWATER FORCE MAINS UPGRADES	2023S	F	10,000,000	0	10,000,000	0	0	0	0	0	10,000,000	0	0	0	0	0	0	10,000,000	
			2024S	F	4,450,000	0	4,450,000	0	0	0	0	0	4,450,000	0	0	0	0	0	0	4,450,000	
			EW660	F	550,000	0	550,000	550,000	0	0	0	0	0	0	0	0	0	0	0	0	550,000
			FUT-S	F	3,500,000	0	3,500,000	0	0	0	0	0	0	0	3,500,000	0	0	0	0	0	3,500,000
			TOTAL - 101985					30,000,000	0	30,000,000	550,000	1,000,000	1,000,000	2,000,000	7,500,000	10,000,000	4,450,000	3,500,000	0	0	0
1008	102065	24-INCH FORCE MAIN EXTENSION IN NW 167 ST FROM NW 58 AVE TO NW 49 AVE THEN SOUTH TO NW 156 ST - (CPCS)	2023S	F	6,120,000	0	6,120,000	0	0	0	0	0	6,120,000	0	0	0	0	0	0	6,120,000	
			TOTAL - 102065					6,120,000	0	6,120,000	0	0	0	0	6,120,000	0	0	0	0	0	6,120,000
1008	102072	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	2019S	F	1,231,327	0	1,231,327	0	1,231,327	0	0	0	0	0	0	0	0	0	0	1,231,327	
			2020S	F	5,700,000	0	5,700,000	0	0	5,700,000	0	0	0	0	0	0	0	0	0	0	5,700,000
			2021S	F	9,821,271	0	9,821,271	0	0	9,821,271	0	0	0	0	0	0	0	0	0	0	9,821,271
			2022S	F	15,000,000	0	15,000,000	0	0	0	15,000,000	0	0	0	0	0	0	0	0	0	15,000,000
			2023S	F	17,000,000	0	17,000,000	0	0	0	0	17,000,000	0	0	0	0	0	0	0	0	17,000,000
			2024S	F	15,000,000	0	15,000,000	0	0	0	0	0	15,000,000	0	0	0	0	0	0	0	15,000,000
			EW660	A	790,675	0	790,675	790,675	0	0	0	0	0	0	0	0	0	0	0	0	790,675
			FUT-S	F	13,028,390	0	13,028,390	0	0	0	0	0	0	0	0	9,500,000	2,449,590	1,078,800	0	0	13,028,390
TOTAL - 102072					77,571,663	0	77,571,663	790,675	1,231,327	5,700,000	9,821,271	15,000,000	17,000,000	15,000,000	9,500,000	2,449,590	1,078,800	0	77,571,663		
1008	102153	60-INCH WEST MIAMI-DADE FORCE MAIN - NORTH - (CPCS)	FUT-S	F	28,307,403	0	28,307,403	0	0	0	0	0	0	28,307,403	0	0	0	0	28,307,403		



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As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
		TOTAL - 102153			28,307,403	0	28,307,403	0	0	0	0	0	0	0	28,307,403	0	0	0	28,307,403
1008	102245	OJUS SANITARY SEWER WITHIN THE OJUS URBAN AREA DISTRICT (DIRECTOR)	2019S	F	2,118,800	0	2,118,800	0	2,118,800	0	0	0	0	0	0	0	0	0	2,118,800
			2020S	F	7,357,200	0	7,357,200	0	0	7,357,200	0	0	0	0	0	0	0	0	7,357,200
			2021S	F	1,118,000	0	1,118,000	0	0	0	1,118,000	0	0	0	0	0	0	0	1,118,000
		TOTAL - 102245			10,594,000	0	10,594,000	0	2,118,800	7,357,200	1,118,000	0	0	0	0	0	0	0	10,594,000
		TOTAL - 1008			179,593,066	0	179,593,066	2,082,655	5,682,465	17,635,335	18,721,450	32,065,368	39,120,000	19,450,000	41,307,403	2,449,590	1,078,800	0	179,593,066
1009	102200	BISCAYNE BASIN PROJECTS RELATED TO CL-1	2019S	F	7,963,666	0	7,963,666	0	7,963,666	0	0	0	0	0	0	0	0	0	7,963,666
			2020S	F	4,246,483	0	4,246,483	0	0	4,246,483	0	0	0	0	0	0	0	0	4,246,483
			2021S	F	3,000,000	0	3,000,000	0	0	0	3,000,000	0	0	0	0	0	0	0	3,000,000
			2022S	F	1,000,000	0	1,000,000	0	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000
			EW658	A	1,825,872	1,825,872	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	9,542,704	623,543	8,919,161	8,919,161	0	0	0	0	0	0	0	0	0	0	8,919,161
		TOTAL - 102200			27,578,725	2,449,414	25,129,311	8,919,161	7,963,666	4,246,483	3,000,000	1,000,000	0	0	0	0	0	0	25,129,310
		TOTAL - 1009			27,578,725	2,449,414	25,129,311	8,919,161	7,963,666	4,246,483	3,000,000	1,000,000	0	0	0	0	0	0	25,129,310
1010	102208	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	2019S	F	50,000	0	50,000	0	50,000	0	0	0	0	0	0	0	0	0	50,000
			2020S	F	100,000	0	100,000	0	0	100,000	0	0	0	0	0	0	0	0	100,000
			2021S	F	2,299,302	0	2,299,302	0	0	0	2,299,302	0	0	0	0	0	0	0	2,299,302
			2022S	F	7,500,000	0	7,500,000	0	0	0	0	7,500,000	0	0	0	0	0	0	7,500,000
			2023S	F	10,571,386	0	10,571,386	0	0	0	0	0	10,571,386	0	0	0	0	0	10,571,386



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
		TOTAL - 102208			20,520,688	0	20,520,688	0	50,000	100,000	2,299,302	7,500,000	10,571,386	0	0	0	0	0	20,520,688
		TOTAL - 1010			20,520,688	0	20,520,688	0	50,000	100,000	2,299,302	7,500,000	10,571,386	0	0	0	0	0	20,520,688
1011	100050	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	2019S	F	1,200,000	0	1,200,000	0	1,200,000	0	0	0	0	0	0	0	0	0	1,200,000
			2020S	F	1,200,000	0	1,200,000	0	0	1,200,000	0	0	0	0	0	0	0	0	1,200,000
			2021S	F	1,200,000	0	1,200,000	0	0	0	1,200,000	0	0	0	0	0	0	0	1,200,000
			2022S	F	1,200,000	0	1,200,000	0	0	0	0	1,200,000	0	0	0	0	0	0	1,200,000
			2023S	F	1,200,000	0	1,200,000	0	0	0	0	0	1,200,000	0	0	0	0	0	1,200,000
			2024S	F	1,200,000	0	1,200,000	0	0	0	0	0	0	1,200,000	0	0	0	0	1,200,000
			EW660	A	3,789,667	2,589,667	1,200,000	1,200,000	0	0	0	0	0	0	0	0	0	0	1,200,000
			FUT-S	F	1,200,000	0	1,200,000	0	0	0	0	0	0	0	1,200,000	0	0	0	1,200,000
		TOTAL - 100050			12,189,667	2,589,667	9,600,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	0	0	0	9,600,000
1011	100890	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	2019S	F	2,000,000	0	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000
			2020S	F	2,000,000	0	2,000,000	0	0	2,000,000	0	0	0	0	0	0	0	0	2,000,000
			2021S	F	2,000,000	0	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0	2,000,000
			2022S	F	2,000,000	0	2,000,000	0	0	0	0	2,000,000	0	0	0	0	0	0	2,000,000
			2023S	F	2,000,000	0	2,000,000	0	0	0	0	0	2,000,000	0	0	0	0	0	2,000,000
			2024S	F	2,000,000	0	2,000,000	0	0	0	0	0	0	2,000,000	0	0	0	0	2,000,000
			FUT-S	F	2,000,000	0	2,000,000	0	0	0	0	0	0	0	2,000,000	0	0	0	2,000,000
		TOTAL - 100890			14,000,000	0	14,000,000	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	14,000,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1011	101807	REHAB OF ALL JUNCTION CHAMBERS AND ASSOCIATED LINES - (CPCS)	FUT-S	F	500,000	0	500,000	0	0	0	0	0	0	0	500,000	0	0	0	500,000
TOTAL - 101807					500,000	0	500,000	0	0	0	0	0	0	0	500,000	0	0	0	500,000
1011	101865	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	2019S	F	1,077,563	0	1,077,563	0	1,077,563	0	0	0	0	0	0	0	0	0	1,077,563
			2020S	F	1,524,645	0	1,524,645	0	0	1,524,645	0	0	0	0	0	0	0	0	1,524,645
			2021S	F	2,500,000	0	2,500,000	0	0	0	2,500,000	0	0	0	0	0	0	0	2,500,000
			2022S	F	2,700,000	0	2,700,000	0	0	0	0	2,700,000	0	0	0	0	0	0	2,700,000
			2023S	F	3,000,000	0	3,000,000	0	0	0	0	0	3,000,000	0	0	0	0	0	3,000,000
			2024S	F	5,500,000	0	5,500,000	0	0	0	0	0	5,500,000	0	0	0	0	0	5,500,000
			EW660	A	1,735,286	170,801	1,564,485	1,564,485	0	0	0	0	0	0	0	0	0	0	1,564,485
			FUT-S	F	26,900,000	0	26,900,000	0	0	0	0	0	0	5,500,000	7,900,000	13,500,000	0	26,900,000	
TOTAL - 101865					44,937,494	170,801	44,766,693	1,564,485	1,077,563	1,524,645	2,500,000	2,700,000	3,000,000	5,500,000	5,500,000	7,900,000	13,500,000	0	44,766,693
1011	102246	COUNTYWIDE CAPACITY AND FLOW REDUCTION (DIRECTOR)	2019S	F	3,000,000	0	3,000,000	0	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
			2020S	F	4,000,000	0	4,000,000	0	0	4,000,000	0	0	0	0	0	0	0	0	4,000,000
			2021S	F	5,000,000	0	5,000,000	0	0	0	5,000,000	0	0	0	0	0	0	0	5,000,000
			2022S	F	5,000,000	0	5,000,000	0	0	0	0	5,000,000	0	0	0	0	0	0	5,000,000
			2023S	F	5,000,000	0	5,000,000	0	0	0	0	0	5,000,000	0	0	0	0	0	5,000,000
			2024S	F	5,000,000	0	5,000,000	0	0	0	0	0	5,000,000	0	0	0	0	5,000,000	
			FUT-S	F	164,164,026	0	164,164,026	0	0	0	0	0	0	5,000,000	5,000,000	154,164,026	0	164,164,026	



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
		TOTAL - 102246			191,164,026	0	191,164,026	0	3,000,000	4,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	154,164,026	0	191,164,026	
		TOTAL - 1011			262,791,187	2,760,468	260,030,719	2,764,485	7,277,563	8,724,645	10,700,000	10,900,000	11,200,000	13,700,000	14,200,000	12,900,000	167,664,026	0	260,030,719
1012	100055	SPECIAL CONSTRUCTION - SANITARY SEWER IMPROVEMENTS	EW624	A	4,454,554	18,323	4,436,231	1,436,231	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	0	4,436,231
		TOTAL - 100055			4,454,554	18,323	4,436,231	1,436,231	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	0	4,436,231
1012	102228	DESIGN BUILD REPLACEMENT OF GRAVITY MAIN IN SHENANDOAH AREA -	EW660	A	5,771,107	5,516,978	254,129	254,129	0	0	0	0	0	0	0	0	0	0	254,129
		TOTAL - 102228			5,771,107	5,516,978	254,129	254,129	0	0	0	0	0	0	0	0	0	0	254,129
1012	102229	DESIGN BUILD REPLACEMENT OF GRAVITY MAIN IN SHENANDOAH AREA -	EW660	A	4,763,567	4,664,410	99,157	99,157	0	0	0	0	0	0	0	0	0	0	99,157
		TOTAL - 102229			4,763,567	4,664,410	99,157	99,157	0	0	0	0	0	0	0	0	0	0	99,157
		TOTAL - 1012			14,989,228	10,199,711	4,789,517	1,789,517	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	0	4,789,517
1013	101108	MIAMI SERVICE FACILITY - PHASE 2	EW658	A	164,790	164,790	0	0	0	0	0	0	0	0	0	0	0	0	0
			FUT-S	F	21,373,063	0	21,373,063	0	0	0	0	0	0	0	0	1,575,000	19,798,063	0	21,373,063
		TOTAL - 101108			21,537,853	164,790	21,373,063	0	0	0	0	0	0	0	0	1,575,000	19,798,063	0	21,373,063
1013	101461	NORTH MAINTENANCE CENTER	FUT-S	F	12,174,912	0	12,174,912	0	0	0	0	0	0	0	0	750,000	11,424,912	0	12,174,912
		TOTAL - 101461			12,174,912	0	12,174,912	0	0	0	0	0	0	0	0	750,000	11,424,912	0	12,174,912
1013	101506	SOUTH MAINTENANCE CENTER	FUT-S	F	23,639,461	0	23,639,461	0	0	0	0	0	0	0	23,639,461	0	0	0	23,639,461
		TOTAL - 101506			23,639,461	0	23,639,461	0	0	0	0	0	0	0	23,639,461	0	0	0	23,639,461



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Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1013	101653	11TH STREET DISTRIBUTION FACILITY RENOVATION	FUT-S	F	3,599,510	0	3,599,510	0	0	0	0	0	0	0	0	0	0	3,599,510	0	3,599,510
		TOTAL - 101653			3,599,510	0	3,599,510	0	0	0	0	0	0	0	0	0	0	3,599,510	0	3,599,510
1013	101654	WESTWOOD LAKES FACILITY ELEVATOR RENOVATION	FUT-S	F	1,500,000	0	1,500,000	0	0	0	0	0	0	0	0	0	0	1,500,000	0	1,500,000
		TOTAL - 101654			1,500,000	0	1,500,000	0	0	0	0	0	0	0	0	0	0	1,500,000	0	1,500,000
1013	101886	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	FUT-S	F	1,443,794	0	1,443,794	0	0	0	0	0	0	0	0	0	0	1,443,794	0	1,443,794
		TOTAL - 101886			1,443,794	0	1,443,794	0	0	0	0	0	0	0	0	0	0	1,443,794	0	1,443,794
1013	101887	MEDLEY YARD BUILDING	EW658	A	38,512	38,512	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	2,578,109	1,781,763	796,346	796,346	0	0	0	0	0	0	0	0	0	0	0	796,346
		TOTAL - 101887			2,616,621	1,820,274	796,347	796,346	0	0	0	0	0	0	0	0	0	0	0	796,346
1013	101999	WEST MAINTENANCE CENTER	FUT-S	F	41,000,000	0	41,000,000	0	0	0	0	0	0	0	41,000,000	0	0	0	0	41,000,000
		TOTAL - 101999			41,000,000	0	41,000,000	0	0	0	0	0	0	0	41,000,000	0	0	0	0	41,000,000
1013	102000	GENERAL MAINTENANCE LAND ACQUISITION - SEWER	FUT-S	F	3,500,000	0	3,500,000	0	0	0	0	0	0	0	0	750,000	2,750,000	0	0	3,500,000
		TOTAL - 102000			3,500,000	0	3,500,000	0	0	0	0	0	0	0	0	750,000	2,750,000	0	0	3,500,000
1013	102001	LEJEUNE ROAD OFFICE EXPANSION - PHASE 2	FUT-S	F	5,000,000	0	5,000,000	0	0	0	0	0	0	0	0	850,000	4,150,000	0	0	5,000,000
		TOTAL - 102001			5,000,000	0	5,000,000	0	0	0	0	0	0	0	0	850,000	4,150,000	0	0	5,000,000
1013	102030	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS - (CPCS)	2019S	F	750,000	0	750,000	0	750,000	0	0	0	0	0	0	0	0	0	0	750,000
			2020S	F	1,500,000	0	1,500,000	0	0	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000



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As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1013	102030	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS - (CPCS)	2021S	F	1,500,000	0	1,500,000	0	0	0	1,500,000	0	0	0	0	0	0	0	0	1,500,000
			2022S	F	2,500,000	0	2,500,000	0	0	0	0	2,500,000	0	0	0	0	0	0	0	2,500,000
			2023S	F	3,000,000	0	3,000,000	0	0	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000
			2024S	F	3,500,000	0	3,500,000	0	0	0	0	0	0	3,500,000	0	0	0	0	0	3,500,000
			EW660	A	300,000	0	300,000	300,000	0	0	0	0	0	0	0	0	0	0	0	300,000
			FUT-S	F	11,950,000	0	11,950,000	0	0	0	0	0	0	0	3,965,000	2,985,000	5,000,000	0	0	11,950,000
		TOTAL - 102030			25,000,000	0	25,000,000	300,000	750,000	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	3,965,000	2,985,000	5,000,000	0	0	25,000,000
1013	102052	MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION	FUT-S	F	2,698,547	0	2,698,547	0	0	0	0	0	0	0	0	350,000	2,348,547	0	0	2,698,547
		TOTAL - 102052			2,698,547	0	2,698,547	0	0	0	0	0	0	0	0	350,000	2,348,547	0	0	2,698,547
1013	103005	SOUTH MIAMI HEIGHTS TRAILER INSTALLATION AND SITE DEVELOPMENT	EW621	A	3,565,977	0	3,565,977	997,689	2,568,288	0	0	0	0	0	0	0	0	0	0	3,565,977
		TOTAL - 103005			3,565,977	0	3,565,977	997,689	2,568,288	0	0	0	0	0	0	0	0	0	0	3,565,977
		TOTAL - 1013			147,276,675	1,985,064	145,291,611	2,094,035	3,318,288	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	68,604,461	7,260,000	52,014,826	0	0	145,291,610
1015	101454	PUMP STATION IMPROVEMENT PROGRAM	2019S	F	8,993,198	0	8,993,198	0	8,993,198	0	0	0	0	0	0	0	0	0	0	8,993,198
			2020S	F	1,698,642	0	1,698,642	0	0	1,698,642	0	0	0	0	0	0	0	0	0	1,698,642
			EW623	A	10,513,105	0	10,513,105	2,628,276	5,256,553	2,628,276	0	0	0	0	0	0	0	0	0	10,513,105
			EW658	A	25,919,595	25,919,595	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	78,778,047	56,456,743	22,321,304	22,321,304	0	0	0	0	0	0	0	0	0	0	0	22,321,304
		TOTAL - 101454			125,902,587	82,376,338	43,526,249	24,949,580	14,249,751	4,326,918	0	0	0	0	0	0	0	0	0	43,526,249

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS										Total		
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028		Future	
TOTAL - 1015					125,902,587	82,376,338	43,526,249	24,949,580	14,249,751	4,326,918	0	0	0	0	0	0	0	0	43,526,249	
1018	101774	FORCE MAIN IN DORAL 36-INCH DIAMETER SANITARY SEWER FM: IN 107 AVENUE - FROM NW 7 ST. TO NW 25 STREET 36-INCH DIAMETER SANITARY SEWER FORCE MAIN: IN 107 AVENUE - FROM N.W.7 STREET TO N.W. 25 STREET	2019S	F	737,914	0	737,914	0	737,914	0	0	0	0	0	0	0	0	0	737,914	
			2020S	F	3,206,611	0	3,206,611	0	0	3,206,611	0	0	0	0	0	0	0	0	3,206,611	
			2021S	F	1,500,000	0	1,500,000	0	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000	
			2022S	F	950,000	0	950,000	0	0	0	0	950,000	0	0	0	0	0	0	950,000	
			2023S	F	750,000	0	750,000	0	0	0	0	0	750,000	0	0	0	0	0	750,000	
			2024S	F	300,000	0	300,000	0	0	0	0	0	300,000	0	0	0	0	0	300,000	
			EW623	A	2,586,165	298,049	2,288,116	789,928	1,498,188	0	0	0	0	0	0	0	0	0	2,288,116	
TOTAL - 101774					10,030,690	298,049	9,732,641	789,928	2,236,102	3,206,611	1,500,000	950,000	750,000	300,000	0	0	0	0	9,732,641	
1018	102194	WASTEWATER MASTER PLAN	FUT-S	F	5,598,900	0	5,598,900	0	0	0	0	0	0	5,598,900	0	0	0	0	5,598,900	
TOTAL - 102194					5,598,900	0	5,598,900	0	0	0	0	0	0	5,598,900	0	0	0	0	5,598,900	
TOTAL - 1018					15,629,590	298,049	15,331,541	789,928	2,236,102	3,206,611	1,500,000	950,000	750,000	300,000	5,598,900	0	0	0	15,331,541	
1019	100877	SANITARY SEWER SYSTEM EXTENSION	EW621	A	37,300,098	2,392,486	34,907,612	4,250,000	10,157,612	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	0	34,907,612	
TOTAL - 100877					37,300,098	2,392,486	34,907,612	4,250,000	10,157,612	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	0	34,907,612
1019	101733	SANITARY SEWER SYSTEM EXTENSION FOR JPA'S	EW621	A	3,540,348	2,679,689	860,659	860,659	0	0	0	0	0	0	0	0	0	0	860,659	
			EW660	A	163,148	163,148	0	0	0	0	0	0	0	0	0	0	0	0	0	

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
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As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
TOTAL - 101733					3,703,496	2,842,837	860,659	860,659	0	0	0	0	0	0	0	0	0	0	860,659
TOTAL - 1019					41,003,594	5,235,323	35,768,271	5,110,659	10,157,612	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	0	35,768,271
1021	102164	REPLACEMENT OF CONE VALVES AT PS# 1310	2019S	F	791,034	0	791,034	0	791,034	0	0	0	0	0	0	0	0	0	791,034
			2020S	F	966,167	0	966,167	0	0	966,167	0	0	0	0	0	0	0	0	966,167
			2021S	F	750,000	0	750,000	0	0	0	750,000	0	0	0	0	0	0	0	750,000
			2022S	F	650,000	0	650,000	0	0	0	0	650,000	0	0	0	0	0	0	650,000
			2023S	F	500,542	0	500,542	0	0	0	0	0	500,542	0	0	0	0	0	500,542
			EW660	A	391,034	0	391,034	391,034	0	0	0	0	0	0	0	0	0	0	391,034
TOTAL - 102164					4,048,777	0	4,048,777	391,034	791,034	966,167	750,000	650,000	500,542	0	0	0	0	0	4,048,777
1021	102165	REPLACEMENT OF OBSOLETE GENERATORS	2019S	F	438,440	0	438,440	0	438,440	0	0	0	0	0	0	0	0	0	438,440
			2020S	F	638,440	0	638,440	0	0	638,440	0	0	0	0	0	0	0	0	638,440
			2021S	F	884,165	0	884,165	0	0	0	884,165	0	0	0	0	0	0	0	884,165
			2022S	F	940,270	0	940,270	0	0	0	0	940,270	0	0	0	0	0	0	940,270
			2023S	F	1,100,000	0	1,100,000	0	0	0	0	0	1,100,000	0	0	0	0	0	1,100,000
			2024S	F	1,644,675	0	1,644,675	0	0	0	0	0	0	1,644,675	0	0	0	0	1,644,675
			EW660	A	250,000	0	250,000	250,000	0	0	0	0	0	0	0	0	0	0	250,000
			FUT-S	F	1,750,000	0	1,750,000	0	0	0	0	0	0	0	1,750,000	0	0	0	1,750,000
TOTAL - 102165					7,645,990	0	7,645,990	250,000	438,440	638,440	884,165	940,270	1,100,000	1,644,675	1,750,000	0	0	0	7,645,990
TOTAL - 1021					11,694,767	0	11,694,767	641,034	1,229,474	1,604,607	1,634,165	1,590,270	1,600,542	1,644,675	1,750,000	0	0	0	11,694,767
1023	100621	TELEMETERING SYSTEM - WASTEWATER	EW621	A	7,562,651	803,151	6,759,500	517,500	121,000	1,121,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	6,759,500	



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future		
1023	100621	TELEMETERING SYSTEM - WASTEWATER	EW660	A	1,278,707	0	1,278,707	1,278,707	0	0	0	0	0	0	0	0	0	0	0	1,278,707
		TOTAL - 100621			8,841,358	803,151	8,038,207	1,796,207	121,000	1,121,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	8,038,207	
		TOTAL - 1023			8,841,358	803,151	8,038,207	1,796,207	121,000	1,121,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	8,038,207		
1024	100622	WASTEWATER SYSTEM UPGRADES	EW621	A	182,412,634	15,559,323	166,853,311	24,476,311	22,377,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	0	0	0	166,853,311	
		TOTAL - 100622			182,412,634	15,559,323	166,853,311	24,476,311	22,377,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	0	0	0	166,853,311	
		TOTAL - 1024			182,412,634	15,559,323	166,853,311	24,476,311	22,377,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	0	0	0	166,853,311		
1025	100623	LIFT STATION STRUCTURAL MAINTENANCE & UPGRADES	2019S	F	2,380,633	0	2,380,633	0	2,380,633	0	0	0	0	0	0	0	0	0	0	2,380,633
			EW621	A	33,004,897	4,026,731	28,978,166	3,525,000	4,453,166	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	28,978,166	
			EW660	A	2,374,037	0	2,374,037	2,374,037	0	0	0	0	0	0	0	0	0	0	2,374,037	
		TOTAL - 100623			37,759,567	4,026,731	33,732,836	5,899,037	6,833,799	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	33,732,836	
		TOTAL - 1025			37,759,567	4,026,731	33,732,836	5,899,037	6,833,799	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	33,732,836		
1027	100625	MISCELLANEOUS TOOLS AND EQUIPMENT	EW621	A	38,864,056	7,254,936	31,609,120	535,400	1,073,720	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	0	0	31,609,120	
			EW660	A	551,811	0	551,811	551,811	0	0	0	0	0	0	0	0	0	0	551,811	
		TOTAL - 100625			39,415,867	7,254,936	32,160,931	1,087,211	1,073,720	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	0	0	32,160,931	
1027	101729	VEHICLES/TRANSPORTATION EQUIPMENT	EW621	A	61,506,810	12,563,772	48,943,038	5,165,543	4,315,410	9,462,085	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	0	0	0	48,943,038	
		TOTAL - 101729			61,506,810	12,563,772	48,943,038	5,165,543	4,315,410	9,462,085	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	0	0	0	48,943,038	
1027	101730	HEAVY CONSTRUCTION EQUIPMENT	EW621	A	49,727,362	14,060,862	35,666,500	6,482,500	4,184,000	5,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	0	0	0	35,666,500	
		TOTAL - 101730			49,727,362	14,060,862	35,666,500	6,482,500	4,184,000	5,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	0	0	0	35,666,500	
		TOTAL - 1027			150,650,039	33,879,570	116,770,469	12,735,254	9,573,130	19,462,085	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	0	0	0	116,770,469	

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1029	100627	WASTEWATER TREATMENT PLANTS REHABILITATION	EW621	A	98,986,271	17,448,224	81,538,047	15,152,975	12,385,072	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	0	0	0	81,538,047	
			EW624	A	2,998,806	1,435,037	1,563,769	1,563,769	0	0	0	0	0	0	0	0	0	0	0	1,563,769
		TOTAL - 100627			101,985,077	18,883,261	83,101,816	16,716,744	12,385,072	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	0	0	0	83,101,816	
1029	101732	SECURITY PROJECTS	EW621	A	3,110,133	2,660,633	449,500	449,500	0	0	0	0	0	0	0	0	0	0	0	449,500
		TOTAL - 101732			3,110,133	2,660,633	449,500	449,500	0	0	0	0	0	0	0	0	0	0	0	449,500
		TOTAL - 1029			105,095,210	21,543,894	83,551,316	17,166,244	12,385,072	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	0	0	0	83,551,316	
1032	101885	WWTP - VIDEO SURVEILLANCE SYSTEM	2019S	F	1,793,312	0	1,793,312	0	1,793,312	0	0	0	0	0	0	0	0	0	0	1,793,312
			2020S	F	1,160,180	0	1,160,180	0	0	1,160,180	0	0	0	0	0	0	0	0	0	1,160,180
			2021S	F	1,000,000	0	1,000,000	0	0	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000
			EW660	A	688,424	0	688,424	688,424	0	0	0	0	0	0	0	0	0	0	0	688,424
		TOTAL - 101885			4,641,916	0	4,641,916	688,424	1,793,312	1,160,180	1,000,000	0	0	0	0	0	0	0	0	4,641,916
		TOTAL - 1032			4,641,916	0	4,641,916	688,424	1,793,312	1,160,180	1,000,000	0	0	0	0	0	0	0	0	4,641,916
1039	101791	CONTRACT SPECIFICATIONS MIASP	EW605	A	1,326,105	866,794	459,311	0	0	207,466	251,845	0	0	0	0	0	0	0	0	459,311
		TOTAL - 101791			1,326,105	866,794	459,311	0	0	207,466	251,845	0	0	0	0	0	0	0	0	459,311
		TOTAL - 1039			1,326,105	866,794	459,311	0	0	207,466	251,845	0	0	0	0	0	0	0	0	459,311
1040	101867	CDWWTP HLD FILTERS (141 MGD) (CT-2)	2019S	F	7,779,381	0	7,779,381	0	7,779,381	0	0	0	0	0	0	0	0	0	0	7,779,381
			2020S	F	3,978,489	0	3,978,489	0	0	3,978,489	0	0	0	0	0	0	0	0	0	3,978,489
			2021S	F	12,727,580	0	12,727,580	0	0	0	12,727,580	0	0	0	0	0	0	0	0	12,727,580
			2022S	F	25,937,302	0	25,937,302	0	0	0	0	25,937,302	0	0	0	0	0	0	0	25,937,302
			2023S	F	31,062,056	0	31,062,056	0	0	0	0	0	31,062,056	0	0	0	0	0	0	31,062,056

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS														
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total			
1040	101867	CDWWTP HLD FILTERS (141 MGD) (CT-2)	2024S	F	59,132,093	0	59,132,093	0	0	0	0	0	0	59,132,093	0	0	0	0	59,132,093			
			EW660	A	5,018,332	306,332	4,712,000	4,712,000	0	0	0	0	0	0	0	0	0	0	0	4,712,000		
			FUT-S	F	136,084,700	0	136,084,700	0	0	0	0	0	0	0	62,000,000	49,084,700	25,000,000	0	0	136,084,700		
		TOTAL - 101867					281,719,933	306,332	281,413,601	4,712,000	7,779,381	3,978,489	12,727,580	25,937,302	31,062,056	59,132,093	62,000,000	49,084,700	25,000,000	0	281,413,601	
1040	102006	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	2019S	F	4,384,143	0	4,384,143	0	4,384,143	0	0	0	0	0	0	0	0	0	0	4,384,143		
			2020S	F	8,499,502	0	8,499,502	0	0	8,499,502	0	0	0	0	0	0	0	0	0	0	8,499,502	
			2021S	F	4,802,470	0	4,802,470	0	0	4,802,470	0	0	0	0	0	0	0	0	0	0	4,802,470	
			2022S	F	20,573,123	0	20,573,123	0	0	0	20,573,123	0	0	0	0	0	0	0	0	0	0	20,573,123
			2023S	F	32,443,681	0	32,443,681	0	0	0	0	32,443,681	0	0	0	0	0	0	0	0	0	32,443,681
			2024S	F	41,184,672	0	41,184,672	0	0	0	0	0	41,184,672	0	0	0	0	0	0	0	0	41,184,672
			EW660	A	50,000	0	50,000	50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	50,000
			FUT-S	F	102,436,706	0	102,436,706	0	0	0	0	0	0	0	0	38,436,706	36,500,000	27,500,000	0	0	0	102,436,706
			TOTAL - 102006					214,374,297	0	214,374,297	50,000	4,384,143	8,499,502	4,802,470	20,573,123	32,443,681	41,184,672	38,436,706	36,500,000	27,500,000	0	214,374,297
1040	102007	NDWWTP- BZ DEEP INJECTION WELLS (NE-2) (WIFIA)	2022S	F	7,863,132	0	7,863,132	0	0	0	0	7,863,132	0	0	0	0	0	0	0	7,863,132		
			2023S	F	7,732,249	0	7,732,249	0	0	0	0	7,732,249	0	0	0	0	0	0	0	0	7,732,249	
			2024S	F	3,467,198	0	3,467,198	0	0	0	0	0	3,467,198	0	0	0	0	0	0	0	3,467,198	
			EW624	A	166,590	166,590	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW627	A	28,527,043	0	28,527,043	997,085	2,230,084	12,487,189	11,795,162	1,017,523	0	0	0	0	0	0	0	0	0	28,527,043
			FUT-S	F	2,002,000	0	2,002,000	0	0	0	0	0	0	0	0	2,002,000	0	0	0	0	0	2,002,000
TOTAL - 102007					49,758,212	166,590	49,591,622	997,085	2,230,084	12,487,189	11,795,162	8,880,655	7,732,249	3,467,198	2,002,000	0	0	0	49,591,622			

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1040	102008	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	2019S	F	569,991	0	569,991	0	569,991	0	0	0	0	0	0	0	0	0	0	569,991
			2020S	F	1,478,573	0	1,478,573	0	0	1,478,573	0	0	0	0	0	0	0	0	0	1,478,573
			2021S	F	853,355	0	853,355	0	0	0	853,355	0	0	0	0	0	0	0	0	853,355
			2022S	F	5,675,463	0	5,675,463	0	0	0	0	5,675,463	0	0	0	0	0	0	0	5,675,463
			2023S	F	19,585,466	0	19,585,466	0	0	0	0	0	19,585,466	0	0	0	0	0	0	19,585,466
			2024S	F	10,008,745	0	10,008,745	0	0	0	0	0	0	10,008,745	0	0	0	0	0	10,008,745
			FUT-S	F	16,392,921	0	16,392,921	0	0	0	0	0	0	0	7,492,921	5,000,000	3,900,000	0	0	16,392,921
		TOTAL - 102008			54,564,514	0	54,564,514	0	569,991	1,478,573	853,355	5,675,463	19,585,466	10,008,745	7,492,921	5,000,000	3,900,000	0	0	54,564,514
1040	102009	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	2024S	F	19,739,448	0	19,739,448	0	0	0	0	0	0	19,739,448	0	0	0	0	0	19,739,448
			EW623	A	65,890,962	0	65,890,962	1,865,080	2,234,874	3,409,944	7,540,211	12,088,312	20,752,541	18,000,000	0	0	0	0	0	65,890,962
			FUT-S	F	16,000,000	0	16,000,000	0	0	0	0	0	0	0	16,000,000	0	0	0	0	16,000,000
		TOTAL - 102009			101,630,410	0	101,630,410	1,865,080	2,234,874	3,409,944	7,540,211	12,088,312	20,752,541	37,739,448	16,000,000	0	0	0	0	101,630,410
1040	102010	CDWWTP- BZ DEEP INJECTION WELLS (CE-2) (WIFIA)	2022S	F	1,810,589	0	1,810,589	0	0	0	0	1,810,589	0	0	0	0	0	0	0	1,810,589
			2023S	F	13,100,000	0	13,100,000	0	0	0	0	0	13,100,000	0	0	0	0	0	0	13,100,000
			2024S	F	10,272,503	0	10,272,503	0	0	0	0	0	0	10,272,503	0	0	0	0	0	10,272,503
			EW622	A	10,000,000	0	10,000,000	0	2,890,855	7,109,145	0	0	0	0	0	0	0	0	0	10,000,000
			EW624	A	643,731	643,731	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW627	A	50,147,609	0	50,147,609	6,953,940	2,890,855	10,591,991	16,521,412	13,189,411	0	0	0	0	0	0	0	50,147,609
			EW660	A	380,132	380,132	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS													
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total		
1040	102010	CDWWTP- BZ DEEP INJECTION WELLS (CE-2) (WIFIA)	FUT-S	F	76,545	0	76,545	0	0	0	0	0	0	0	0	76,545	0	0	0	76,545	
TOTAL - 102010					86,431,109	1,023,863	85,407,246	6,953,940	5,781,710	17,701,136	16,521,412	15,000,000	13,100,000	10,272,503	76,545	0	0	0	0	85,407,246	
1040	102034	LAND ACQUISITION FOR WDWTP (WDWRRF) (WT-1L)	EW623	A	22,646,370	5,466,731	17,179,639	0	10,179,639	7,000,000	0	0	0	0	0	0	0	0	0	17,179,639	
			EW658	A	1,016,353	1,016,353	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	1,641,748	1,641,748	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL - 102034					25,304,471	8,124,832	17,179,639	0	10,179,639	7,000,000	0	0	0	0	0	0	0	0	0	17,179,639	
1040	102038	CDWWTP - CENTRATE INJECTION WELL (CE-4)	EW622	A	21,045,684	21,045,684	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	22,230,718	21,730,718	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0	500,000	
TOTAL - 102038					43,276,402	42,776,402	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0	0	500,000
1040	102073	CDWWTP - PEAK FLOW TREATMENT (CT-3)	2019S	F	1,073,461	0	1,073,461	0	1,073,461	0	0	0	0	0	0	0	0	0	0	0	1,073,461
			2020S	F	1,400,161	0	1,400,161	0	0	1,400,161	0	0	0	0	0	0	0	0	0	0	1,400,161
			2021S	F	15,871,762	0	15,871,762	0	0	0	15,871,762	0	0	0	0	0	0	0	0	0	15,871,762
			2022S	F	17,963,801	0	17,963,801	0	0	0	0	17,963,801	0	0	0	0	0	0	0	0	17,963,801
			2023S	F	10,771,535	0	10,771,535	0	0	0	0	0	10,771,535	0	0	0	0	0	0	0	10,771,535
			2024S	F	7,000,000	0	7,000,000	0	0	0	0	0	0	7,000,000	0	0	0	0	0	0	7,000,000
			EW623	A	3,570,000	0	3,570,000	3,100,000	470,000	0	0	0	0	0	0	0	0	0	0	0	3,570,000
			EW660	A	1,706,271	0	1,706,271	1,706,271	0	0	0	0	0	0	0	0	0	0	0	0	1,706,271
TOTAL - 102073					59,356,991	0	59,356,991	4,806,271	1,543,461	1,400,161	15,871,762	17,963,801	10,771,535	7,000,000	0	0	0	0	0	0	59,356,991



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS										Total		
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028		Future	
1040	102080	NDWWTP - PEAK FLOW TREATMENT (NT-3)	2019S	F	867,782	0	867,782	0	867,782	0	0	0	0	0	0	0	0	0	0	867,782
			2020S	F	2,237,205	0	2,237,205	0	0	2,237,205	0	0	0	0	0	0	0	0	0	2,237,205
			2021S	F	1,495,014	0	1,495,014	0	0	0	1,495,014	0	0	0	0	0	0	0	0	1,495,014
			2022S	F	7,163,277	0	7,163,277	0	0	0	0	7,163,277	0	0	0	0	0	0	0	7,163,277
			2023S	F	14,808,233	0	14,808,233	0	0	0	0	0	14,808,233	0	0	0	0	0	0	14,808,233
			2024S	F	10,860,093	0	10,860,093	0	0	0	0	0	0	10,860,093	0	0	0	0	0	10,860,093
			FUT-S	F	22,966,279	0	22,966,279	0	0	0	0	0	0	0	9,566,279	8,750,000	4,650,000	0	0	22,966,279
		TOTAL - 102080			60,397,883	0	60,397,883	0	867,782	2,237,205	1,495,014	7,163,277	14,808,233	10,860,093	9,566,279	8,750,000	4,650,000	0	0	60,397,883
1040	102096	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	2019S	F	1,840,455	0	1,840,455	0	1,840,455	0	0	0	0	0	0	0	0	0	0	1,840,455
			EW658	A	2,008,647	2,008,647	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	31,897,363	19,185,651	12,711,712	12,711,712	0	0	0	0	0	0	0	0	0	0	0	12,711,712
		TOTAL - 102096			35,746,465	21,194,298	14,552,167	12,711,712	1,840,455	0	0	0	0	0	0	0	0	0	0	14,552,167
1040	102138	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	2019S	F	13,250,770	0	13,250,770	0	13,250,770	0	0	0	0	0	0	0	0	0	0	13,250,770
			2020S	F	15,578,194	0	15,578,194	0	0	15,578,194	0	0	0	0	0	0	0	0	0	15,578,194
			2021S	F	16,827,445	0	16,827,445	0	0	0	16,827,445	0	0	0	0	0	0	0	0	16,827,445
			2022S	F	13,028,270	0	13,028,270	0	0	0	0	13,028,270	0	0	0	0	0	0	0	13,028,270
			2023S	F	10,882,117	0	10,882,117	0	0	0	0	0	10,882,117	0	0	0	0	0	0	10,882,117
			2024S	F	5,811,059	0	5,811,059	0	0	0	0	0	0	5,811,059	0	0	0	0	0	5,811,059
			EW660	A	32,690,198	17,728,309	14,961,889	14,961,889	0	0	0	0	0	0	0	0	0	0	0	14,961,889

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1040	102138	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	FUT-S	F	8,840,023	0	8,840,023	0	0	0	0	0	0	0	2,698,259	1,606,180	4,535,584	0	8,840,023
TOTAL - 102138					116,908,076	17,728,309	99,179,767	14,961,889	13,250,770	15,578,194	16,827,445	13,028,270	10,882,117	5,811,059	2,698,259	1,606,180	4,535,584	0	99,179,767
1040	102150	SE-2 SDWWTP BZ DEEP MUNICIPAL INJECTION WELLS (WIFIA)	2021S	F	821,442	0	821,442	0	0	0	821,442	0	0	0	0	0	0	0	821,442
			2022S	F	1,828,040	0	1,828,040	0	0	0	0	1,828,040	0	0	0	0	0	0	1,828,040
			EW622	A	10,000,000	0	10,000,000	0	5,000,747	4,414,020	585,233	0	0	0	0	0	0	0	10,000,000
			EW624	A	253,854	253,854	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW627	A	21,025,348	0	21,025,348	7,577,802	5,000,747	4,414,020	4,032,779	0	0	0	0	0	0	0	21,025,348
			EW660	A	41,475	41,475	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL - 102150					33,970,159	295,329	33,674,830	7,577,802	10,001,494	8,828,040	5,439,454	1,828,040	0	0	0	0	0	0	33,674,830
1040	102220	NDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING	2019S	F	2,828,517	0	2,828,517	0	2,828,517	0	0	0	0	0	0	0	0	0	2,828,517
			2020S	F	4,265,859	0	4,265,859	0	0	4,265,859	0	0	0	0	0	0	0	0	4,265,859
			2021S	F	10,822,870	0	10,822,870	0	0	0	10,822,870	0	0	0	0	0	0	0	10,822,870
			2022S	F	16,562,581	0	16,562,581	0	0	0	0	16,562,581	0	0	0	0	0	0	16,562,581
			2023S	F	19,952,786	0	19,952,786	0	0	0	0	0	19,952,786	0	0	0	0	0	19,952,786
			2024S	F	24,185,589	0	24,185,589	0	0	0	0	0	0	24,185,589	0	0	0	0	24,185,589
			EW660	A	1,656,638	0	1,656,638	1,656,638	0	0	0	0	0	0	0	0	0	0	1,656,638
			FUT-S	F	33,000,000	0	33,000,000	0	0	0	0	0	0	0	17,000,000	13,500,000	2,500,000	0	33,000,000
TOTAL - 102220					113,274,840	0	113,274,840	1,656,638	2,828,517	4,265,859	10,822,870	16,562,581	19,952,786	24,185,589	17,000,000	13,500,000	2,500,000	0	113,274,840

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS													
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total		
1040	102222	CDWWTP ELECTRICAL DISTRIBUTION BUILDINGS 2 AND 3 (CT-3C)	2019S	F	3,583,962	0	3,583,962	0	3,583,962	0	0	0	0	0	0	0	0	0	0	0	3,583,962
			2020S	F	4,087,903	0	4,087,903	0	0	4,087,903	0	0	0	0	0	0	0	0	0	0	4,087,903
			2021S	F	7,564,191	0	7,564,191	0	0	0	7,564,191	0	0	0	0	0	0	0	0	0	7,564,191
			2022S	F	12,247,285	0	12,247,285	0	0	0	0	12,247,285	0	0	0	0	0	0	0	0	12,247,285
			2023S	F	20,933,010	0	20,933,010	0	0	0	0	0	20,933,010	0	0	0	0	0	0	0	20,933,010
			2024S	F	27,214,869	0	27,214,869	0	0	0	0	0	0	27,214,869	0	0	0	0	0	0	27,214,869
			EW623	A	4,129,751	0	4,129,751	2,593,766	1,535,985	0	0	0	0	0	0	0	0	0	0	0	4,129,751
			EW660	A	2,122,171	0	2,122,171	2,122,171	0	0	0	0	0	0	0	0	0	0	0	0	2,122,171
			FUT-S	F	122,942,994	0	122,942,994	0	0	0	0	0	0	0	61,000,000	51,857,994	10,085,000	0	0	0	122,942,994
		TOTAL - 102222			204,826,136	0	204,826,136	4,715,937	5,119,947	4,087,903	7,564,191	12,247,285	20,933,010	27,214,869	61,000,000	51,857,994	10,085,000	0	0	0	204,826,136
1040	103006	CDWWTP - PRELIMINARY SITE PREPARATION (CT-2B)	2019S	F	4,528,524	0	4,528,524	0	4,528,524	0	0	0	0	0	0	0	0	0	0	0	4,528,524
			2020S	F	371,832	0	371,832	0	0	371,832	0	0	0	0	0	0	0	0	0	0	371,832
			EW623	A	3,971,465	0	3,971,465	2,971,465	1,000,000	0	0	0	0	0	0	0	0	0	0	0	3,971,465
			EW660	A	2,431,199	0	2,431,199	2,431,199	0	0	0	0	0	0	0	0	0	0	0	0	2,431,199
		TOTAL - 103006			11,303,020	0	11,303,020	5,402,664	5,528,524	371,832	0	0	0	0	0	0	0	0	0	0	11,303,020
1040	103007	CDWWTP - O2 CLARIFIERS & SECONDARY FILTERS (CT-3B)	2019S	F	1,869,674	0	1,869,674	0	1,869,674	0	0	0	0	0	0	0	0	0	0	0	1,869,674
			2020S	F	1,788,941	0	1,788,941	0	0	1,788,941	0	0	0	0	0	0	0	0	0	0	1,788,941
			2021S	F	10,050,000	0	10,050,000	0	0	0	10,050,000	0	0	0	0	0	0	0	0	0	10,050,000
			2022S	F	21,002,189	0	21,002,189	0	0	0	0	21,002,189	0	0	0	0	0	0	0	0	21,002,189

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1040	103007	CDWWTP - O2 CLARIFIERS & SECONDARY FILTERS (CT-3B)	2023S	F	25,033,722	0	25,033,722	0	0	0	0	0	25,033,722	0	0	0	0	0	0	25,033,722
			2024S	F	20,500,000	0	20,500,000	0	0	0	0	0	0	20,500,000	0	0	0	0	0	20,500,000
			EW623	A	16,854,432	0	16,854,432	3,654,432	1,000,000	5,500,000	6,700,000	0	0	0	0	0	0	0	0	16,854,432
			EW660	A	1,171,808	0	1,171,808	1,171,808	0	0	0	0	0	0	0	0	0	0	0	1,171,808
			FUT-S	F	54,886,294	0	54,886,294	0	0	0	0	0	0	19,500,000	18,000,000	17,386,294	0	0	54,886,294	
		TOTAL - 103007			153,157,060	0	153,157,060	4,826,240	2,869,674	7,288,941	16,750,000	21,002,189	25,033,722	20,500,000	19,500,000	18,000,000	17,386,294	0	153,157,060	
		TOTAL - 1040			1,645,999,978	91,615,955	1,554,384,023	71,737,258	77,010,446	98,612,968	129,010,926	177,950,298	227,057,396	257,376,269	235,772,710	184,298,874	95,556,878	0	1,554,384,023	
1041	101611	SANITARY SEWER SYSTEM ENHANCEMENTS	EW647	A	12,785,500	5,546,500	7,239,000	50,000	150,000	144,500	0	0	0	6,894,500	0	0	0	0	0	7,239,000
		TOTAL - 101611			12,785,500	5,546,500	7,239,000	50,000	150,000	144,500	0	0	0	6,894,500	0	0	0	0	0	7,239,000
1041	101612	SANITARY SEWER NEEDS ASSESSMENT	EW647	A	2,765,000	2,088,000	677,000	74,400	278,800	157,800	100,800	65,200	0	0	0	0	0	0	0	677,000
		TOTAL - 101612			2,765,000	2,088,000	677,000	74,400	278,800	157,800	100,800	65,200	0	0	0	0	0	0	0	677,000
1041	101796	UPGRADE OF MIAMI SPRINGS PUMP STATION AND CONTRACT SPECIFICATIONS	EW647	A	838,000	733,000	105,000	0	75,000	25,000	5,000	0	0	0	0	0	0	0	0	105,000
		TOTAL - 101796			838,000	733,000	105,000	0	75,000	25,000	5,000	0	0	0	0	0	0	0	0	105,000
		TOTAL - 1041			16,388,500	8,367,500	8,021,000	124,400	503,800	327,300	105,800	65,200	0	6,894,500	0	0	0	0	0	8,021,000
1042	101967	WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS	EW621	A	36,835,170	12,835,170	24,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	0	24,000,000
		TOTAL - 101967			36,835,170	12,835,170	24,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	0	24,000,000
		TOTAL - 1042			36,835,170	12,835,170	24,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	0	24,000,000	

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS														
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total			
1044	102500	SDWWTP - HEADWORKS	2019S	F	1,273,017	0	1,273,017	0	1,273,017	0	0	0	0	0	0	0	0	0	0	0	1,273,017	
			EW658	A	49,730	49,730	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,041,320	113,864	927,456	927,456	0	0	0	0	0	0	0	0	0	0	0	0	0	927,456
			TOTAL - 102500					2,364,067	163,595	2,200,472	927,456	1,273,017	0	0	0	0	0	0	0	0	0	0
1044	102501	SDWWTP - OXYGEN PRODUCTION	2019S	F	9,169,207	0	9,169,207	0	9,169,207	0	0	0	0	0	0	0	0	0	0	0	9,169,207	
			2020S	F	5,564,018	0	5,564,018	0	0	5,564,018	0	0	0	0	0	0	0	0	0	0	0	5,564,018
			2021S	F	242,445	0	242,445	0	0	0	242,445	0	0	0	0	0	0	0	0	0	0	242,445
			EW658	A	1,132,887	1,132,887	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	2,427,312	753,150	1,674,162	1,674,162	0	0	0	0	0	0	0	0	0	0	0	0	0	1,674,162
			TOTAL - 102501					18,535,869	1,886,037	16,649,832	1,674,162	9,169,207	5,564,018	242,445	0	0	0	0	0	0	0	0
1044	102502	SDWWTP - OXYGENATION TRAINS	2019S	F	1,025,140	0	1,025,140	0	1,025,140	0	0	0	0	0	0	0	0	0	0	0	1,025,140	
			2020S	F	1,824,207	0	1,824,207	0	0	1,824,207	0	0	0	0	0	0	0	0	0	0	0	1,824,207
			2021S	F	2,165,249	0	2,165,249	0	0	0	2,165,249	0	0	0	0	0	0	0	0	0	0	2,165,249
			2022S	F	1,717,825	0	1,717,825	0	0	0	0	1,717,825	0	0	0	0	0	0	0	0	0	1,717,825
			2023S	F	251,444	0	251,444	0	0	0	0	0	251,444	0	0	0	0	0	0	0	0	251,444
			EW660	A	2,399,918	2,118,629	281,289	281,289	0	0	0	0	0	0	0	0	0	0	0	0	0	281,289
TOTAL - 102502					9,383,783	2,118,629	7,265,154	281,289	1,025,140	1,824,207	2,165,249	1,717,825	251,444	0	0	0	0	0	0	7,265,154		
1044	102503	SDWWTP - CHLORINE BUILDING	2019S	F	280,083	0	280,083	0	280,083	0	0	0	0	0	0	0	0	0	0	0	280,083	
			2020S	F	1,838,562	0	1,838,562	0	0	1,838,562	0	0	0	0	0	0	0	0	0	0	0	1,838,562
			2021S	F	1,387,633	0	1,387,633	0	0	0	1,387,633	0	0	0	0	0	0	0	0	0	0	1,387,633



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future		
1044	102503	SDWWTP - CHLORINE BUILDING	EW660	A	65,049	0	65,049	65,049	0	0	0	0	0	0	0	0	0	0	0	65,049
TOTAL - 102503					3,571,327	0	3,571,327	65,049	280,083	1,838,562	1,387,633	0	0	0	0	0	0	0	0	3,571,327
1044	102504	SDWWTP - EFFLUENT PUMP STATION	2019S	F	8,174,941	0	8,174,941	0	8,174,941	0	0	0	0	0	0	0	0	0	0	8,174,941
			2020S	F	21,813,697	0	21,813,697	0	0	21,813,697	0	0	0	0	0	0	0	0	0	21,813,697
			2021S	F	10,977,387	0	10,977,387	0	0	0	10,977,387	0	0	0	0	0	0	0	0	10,977,387
			EW658	A	2,714,291	2,714,291	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	4,245,186	2,262,268	1,982,918	1,982,918	0	0	0	0	0	0	0	0	0	0	0	1,982,918
TOTAL - 102504					47,925,502	4,976,559	42,948,943	1,982,918	8,174,941	21,813,697	10,977,387	0	0	0	0	0	0	0	0	42,948,943
1044	102506	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	2019S	F	8,803,401	0	8,803,401	0	8,803,401	0	0	0	0	0	0	0	0	0	0	8,803,401
			2020S	F	12,727,176	0	12,727,176	0	0	12,727,176	0	0	0	0	0	0	0	0	0	12,727,176
			2021S	F	17,540,933	0	17,540,933	0	0	0	17,540,933	0	0	0	0	0	0	0	0	17,540,933
			2022S	F	19,571,710	0	19,571,710	0	0	0	0	19,571,710	0	0	0	0	0	0	0	19,571,710
			2023S	F	15,000,000	0	15,000,000	0	0	0	0	0	15,000,000	0	0	0	0	0	0	15,000,000
			2024S	F	13,500,000	0	13,500,000	0	0	0	0	0	0	13,500,000	0	0	0	0	0	13,500,000
			EW623	A	12,959,474	0	12,959,474	5,013,725	1,726,983	3,000,000	3,218,766	0	0	0	0	0	0	0	0	12,959,474
			EW658	A	2,662,648	2,662,648	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	5,112,031	4,591,444	520,587	520,587	0	0	0	0	0	0	0	0	0	0	0	520,587
			FUT-S	F	19,500,000	0	19,500,000	0	0	0	0	0	0	0	0	12,500,000	7,000,000	0	0	19,500,000
TOTAL - 102506					127,377,373	7,254,092	120,123,281	5,534,312	10,530,384	15,727,176	20,759,699	19,571,710	15,000,000	13,500,000	12,500,000	7,000,000	0	0	0	120,123,281
1044	102507	SDWWTP - DEWATERING FACILITY	2020S	F	2,262,918	0	2,262,918	0	0	2,262,918	0	0	0	0	0	0	0	0	0	2,262,918

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total			
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future				
1044	102507	SDWWTP - DEWATERING FACILITY	2021S	F	14,833,792	0	14,833,792	0	0	0	14,833,792	0	0	0	0	0	0	0	0	0	14,833,792	
			2022S	F	25,418,003	0	25,418,003	0	0	0	0	25,418,003	0	0	0	0	0	0	0	0	0	25,418,003
			2023S	F	17,000,000	0	17,000,000	0	0	0	0	0	17,000,000	0	0	0	0	0	0	0	0	17,000,000
			2024S	F	12,500,000	0	12,500,000	0	0	0	0	0	0	12,500,000	0	0	0	0	0	0	0	12,500,000
			EW658	A	1,673,361	1,673,361	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	564,153	564,153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			FUT-S	F	4,500,000	0	4,500,000	0	0	0	0	0	0	0	0	4,500,000	0	0	0	0	0	4,500,000
TOTAL - 102507					78,752,227	2,237,515	76,514,712	0	0	2,262,918	14,833,792	25,418,003	17,000,000	12,500,000	4,500,000	0	0	0	0	76,514,713		
1044	102508	SDWWTP - FOG REMOVAL FACILITY	2019S	F	2,013,861	0	2,013,861	0	2,013,861	0	0	0	0	0	0	0	0	0	0	0	2,013,861	
			2020S	F	400,000	0	400,000	0	0	400,000	0	0	0	0	0	0	0	0	0	0	0	400,000
			EW658	A	867,350	867,350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	4,550,568	2,906,553	1,644,015	1,644,015	0	0	0	0	0	0	0	0	0	0	0	0	0	1,644,015
			TOTAL - 102508					7,831,779	3,773,903	4,057,876	1,644,015	2,013,861	400,000	0	0	0	0	0	0	0	0	0
1044	102509	SDWWTP - ODOR CONTROL	2019S	F	404,156	0	404,156	0	404,156	0	0	0	0	0	0	0	0	0	0	0	404,156	
			2020S	F	986,411	0	986,411	0	0	986,411	0	0	0	0	0	0	0	0	0	0	0	986,411
			2021S	F	7,848,159	0	7,848,159	0	0	7,848,159	0	0	0	0	0	0	0	0	0	0	0	7,848,159
			2022S	F	6,409,170	0	6,409,170	0	0	0	6,409,170	0	0	0	0	0	0	0	0	0	0	6,409,170
			2023S	F	108,665	0	108,665	0	0	0	0	0	108,665	0	0	0	0	0	0	0	0	108,665
			EW660	A	210,139	0	210,139	210,139	0	0	0	0	0	0	0	0	0	0	0	0	0	210,139
			TOTAL - 102509					15,966,700	0	15,966,700	210,139	404,156	986,411	7,848,159	6,409,170	108,665	0	0	0	0	0	0



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS													
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total		
1044	102510	SDWWTP - GENERAL ELECTRICAL	2019S	F	3,625,560	0	3,625,560	0	3,625,560	0	0	0	0	0	0	0	0	0	0	3,625,560	
			2020S	F	5,365,572	0	5,365,572	0	0	5,365,572	0	0	0	0	0	0	0	0	0	0	5,365,572
			2021S	F	3,300,000	0	3,300,000	0	0	0	3,300,000	0	0	0	0	0	0	0	0	0	3,300,000
			EW660	A	1,186,288	779,562	406,726	406,726	0	0	0	0	0	0	0	0	0	0	0	0	406,726
TOTAL - 102510					13,477,420	779,562	12,697,858	406,726	3,625,560	5,365,572	3,300,000	0	0	0	0	0	0	0	0	12,697,858	
1044	102511	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	2019S	F	1,523,632	0	1,523,632	0	1,523,632	0	0	0	0	0	0	0	0	0	0	1,523,632	
			2020S	F	81,745	0	81,745	0	0	81,745	0	0	0	0	0	0	0	0	0	0	81,745
			EW660	A	3,305,651	1,794,383	1,511,268	1,511,268	0	0	0	0	0	0	0	0	0	0	0	0	1,511,268
TOTAL - 102511					4,911,028	1,794,383	3,116,645	1,511,268	1,523,632	81,745	0	0	0	0	0	0	0	0	0	3,116,645	
1044	102600	CDWWTP - ELECTRICAL IMPROVEMENTS	2019S	F	2,784,230	0	2,784,230	0	2,784,230	0	0	0	0	0	0	0	0	0	0	2,784,230	
			2020S	F	9,191,738	0	9,191,738	0	0	9,191,738	0	0	0	0	0	0	0	0	0	0	9,191,738
			2021S	F	963,940	0	963,940	0	0	0	963,940	0	0	0	0	0	0	0	0	0	963,940
			EW660	A	3,405,601	2,845,160	560,441	560,441	0	0	0	0	0	0	0	0	0	0	0	0	560,441
TOTAL - 102600					16,345,509	2,845,160	13,500,349	560,441	2,784,230	9,191,738	963,940	0	0	0	0	0	0	0	0	13,500,349	
1044	102601	CDWWTP - BUILDING IMPROVEMENTS	2019S	F	708,737	0	708,737	0	708,737	0	0	0	0	0	0	0	0	0	0	708,737	
			EW658	A	260,227	260,227	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	4,009,244	2,901,547	1,107,697	1,107,697	0	0	0	0	0	0	0	0	0	0	0	0	1,107,697
TOTAL - 102601					4,978,208	3,161,774	1,816,434	1,107,697	708,737	0	0	0	0	0	0	0	0	0	0	1,816,434	
1044	102602	HEADWORKS PLANT 1	2019S	F	170,979	0	170,979	0	170,979	0	0	0	0	0	0	0	0	0	0	170,979	

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total				
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future					
1044	102602	HEADWORKS PLANT 1	EW658	A	3,587,679	3,587,679	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
			EW660	A	13,044,883	9,875,090	3,169,793	3,169,793	0	0	0	0	0	0	0	0	0	0	0	0	0	3,169,793	
			TOTAL - 102602					16,803,541	13,462,769	3,340,772	3,169,793	170,979	0	0	0	0	0	0	0	0	0	0	3,340,772
1044	102603	CDWWTP - HEADWORKS PLANT 2	2019S	F	970,907	0	970,907	0	970,907	0	0	0	0	0	0	0	0	0	0	0	970,907		
			EW660	A	7,717,878	5,383,646	2,334,232	2,334,232	0	0	0	0	0	0	0	0	0	0	0	0	0	2,334,232	
			TOTAL - 102603					8,688,785	5,383,646	3,305,139	2,334,232	970,907	0	0	0	0	0	0	0	0	0	0	3,305,139
1044	102604	CDWWTP - OXYGENATION TRAINS PLANT 1	EW658	A	291,290	291,290	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
			EW660	A	2,593,257	1,979,451	613,806	613,806	0	0	0	0	0	0	0	0	0	0	0	0	0	613,806	
			TOTAL - 102604					2,884,547	2,270,740	613,807	613,806	0	0	0	0	0	0	0	0	0	0	0	613,806
1044	102605	CDWWTP - OXYGENATION TRAINS PLANT 2	2019S	F	4,399,651	0	4,399,651	0	4,399,651	0	0	0	0	0	0	0	0	0	0	0	4,399,651		
			2020S	F	1,598,119	0	1,598,119	0	0	1,598,119	0	0	0	0	0	0	0	0	0	0	0	1,598,119	
			EW658	A	4,479,132	4,479,132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	5,285,422	2,120,901	3,164,521	3,164,521	0	0	0	0	0	0	0	0	0	0	0	0	0	3,164,521	
			TOTAL - 102605					15,762,324	6,600,033	9,162,291	3,164,521	4,399,651	1,598,119	0	0	0	0	0	0	0	0	0	9,162,291
1044	102606	CDWWTP - SECONDARY CLARIFIERS PLANT 1	2019S	F	2,055,494	0	2,055,494	0	2,055,494	0	0	0	0	0	0	0	0	0	0	0	2,055,494		
			2020S	F	3,784,875	0	3,784,875	0	0	3,784,875	0	0	0	0	0	0	0	0	0	0	0	3,784,875	
			2021S	F	6,063,427	0	6,063,427	0	0	0	6,063,427	0	0	0	0	0	0	0	0	0	0	0	6,063,427
			2022S	F	6,112,342	0	6,112,342	0	0	0	0	6,112,342	0	0	0	0	0	0	0	0	0	0	6,112,342
			2023S	F	3,004,174	0	3,004,174	0	0	0	0	0	3,004,174	0	0	0	0	0	0	0	0	0	3,004,174
			2024S	F	1,123,095	0	1,123,095	0	0	0	0	0	0	1,123,095	0	0	0	0	0	0	0	0	1,123,095

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1044	102606	CDWWTP - SECONDARY CLARIFIERS PLANT 1	EW660	A	765,467	30,327	735,140	735,140	0	0	0	0	0	0	0	0	0	0	0	735,140
TOTAL - 102606					22,908,874	30,327	22,878,547	735,140	2,055,494	3,784,875	6,063,427	6,112,342	3,004,174	1,123,095	0	0	0	0	0	22,878,547
1044	102607	CDWWTP - SECONDARY CLARIFIERS PLANT 2	2019S	F	1,905,203	0	1,905,203	0	1,905,203	0	0	0	0	0	0	0	0	0	0	1,905,203
			2020S	F	3,392,829	0	3,392,829	0	0	3,392,829	0	0	0	0	0	0	0	0	0	3,392,829
			2021S	F	3,424,111	0	3,424,111	0	0	0	3,424,111	0	0	0	0	0	0	0	0	3,424,111
			2022S	F	1,666,889	0	1,666,889	0	0	0	0	1,666,889	0	0	0	0	0	0	0	1,666,889
			2023S	F	1,188,421	0	1,188,421	0	0	0	0	0	1,188,421	0	0	0	0	0	0	1,188,421
			EW660	A	785,088	61,737	723,351	723,351	0	0	0	0	0	0	0	0	0	0	0	723,351
TOTAL - 102607					12,362,541	61,737	12,300,804	723,351	1,905,203	3,392,829	3,424,111	1,666,889	1,188,421	0	0	0	0	0	0	12,300,804
1044	102608	CDWWTP - RS PUMP STATIONS PLANT 1	2019S	F	470,920	0	470,920	0	470,920	0	0	0	0	0	0	0	0	0	0	470,920
			2020S	F	947,292	0	947,292	0	0	947,292	0	0	0	0	0	0	0	0	0	947,292
			2021S	F	2,627,865	0	2,627,865	0	0	0	2,627,865	0	0	0	0	0	0	0	0	2,627,865
			2022S	F	4,464,636	0	4,464,636	0	0	0	0	4,464,636	0	0	0	0	0	0	0	4,464,636
			2023S	F	3,785,191	0	3,785,191	0	0	0	0	0	3,785,191	0	0	0	0	0	0	3,785,191
			2024S	F	1,784,047	0	1,784,047	0	0	0	0	0	0	1,784,047	0	0	0	0	0	1,784,047
			EW660	A	264,457	111	264,346	264,346	0	0	0	0	0	0	0	0	0	0	0	264,346
TOTAL - 102608					14,344,408	111	14,344,297	264,346	470,920	947,292	2,627,865	4,464,636	3,785,191	1,784,047	0	0	0	0	0	14,344,297
1044	102609	CDWWTP - RS PUMP STATIONS PLANT 2	2019S	F	3,515,658	0	3,515,658	0	3,515,658	0	0	0	0	0	0	0	0	0	0	3,515,658
			2020S	F	6,627,285	0	6,627,285	0	0	6,627,285	0	0	0	0	0	0	0	0	0	6,627,285
			2021S	F	7,572,240	0	7,572,240	0	0	0	7,572,240	0	0	0	0	0	0	0	0	7,572,240

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS													
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total		
1044	102609	CDWWTP - RS PUMP STATIONS PLANT 2	2022S	F	5,035,312	0	5,035,312	0	0	0	0	5,035,312	0	0	0	0	0	0	0	5,035,312	
			2023S	F	4,313,961	0	4,313,961	0	0	0	0	4,313,961	0	0	0	0	0	0	0	4,313,961	
			EW660	A	5,688,752	4,315,440	1,373,312	1,373,312	0	0	0	0	0	0	0	0	0	0	0	1,373,312	
		TOTAL - 102609					32,753,208	4,315,440	28,437,768	1,373,312	3,515,658	6,627,285	7,572,240	5,035,312	4,313,961	0	0	0	0	0	28,437,768
1044	102610	CDWWTP - EFFLUENT PUMP STATION	2020S	F	6,104,295	0	6,104,295	0	0	6,104,295	0	0	0	0	0	0	0	0	0	6,104,295	
			2021S	F	3,000,000	0	3,000,000	0	0	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000	
			EW660	A	19,975,711	1,641,911	18,333,800	2,989,083	15,344,717	0	0	0	0	0	0	0	0	0	0	18,333,800	
		TOTAL - 102610					29,080,006	1,641,911	27,438,095	2,989,083	15,344,717	6,104,295	3,000,000	0	0	0	0	0	0	0	27,438,095
1044	102613	CDWWTP - DIGESTERS PLANT 1	2019S	F	307,217	0	307,217	0	307,217	0	0	0	0	0	0	0	0	0	0	307,217	
			2020S	F	182,359	0	182,359	0	0	182,359	0	0	0	0	0	0	0	0	0	0	182,359
			2021S	F	2,140,153	0	2,140,153	0	0	2,140,153	0	0	0	0	0	0	0	0	0	0	2,140,153
			2022S	F	3,646,292	0	3,646,292	0	0	0	3,646,292	0	0	0	0	0	0	0	0	0	3,646,292
			2023S	F	1,300,777	0	1,300,777	0	0	0	0	1,300,777	0	0	0	0	0	0	0	0	1,300,777
			2024S	F	30,658	0	30,658	0	0	0	0	0	30,658	0	0	0	0	0	0	0	30,658
			EW660	A	273,268	180,043	93,225	93,225	0	0	0	0	0	0	0	0	0	0	0	0	93,225
		TOTAL - 102613					7,880,724	180,043	7,700,681	93,225	307,217	182,359	2,140,153	3,646,292	1,300,777	30,658	0	0	0	0	7,700,681
1044	102614	CDWWTP - DIGESTERS PLANT 2	2020S	F	19,124,665	0	19,124,665	0	0	19,124,665	0	0	0	0	0	0	0	0	0	19,124,665	
			2021S	F	12,180,785	0	12,180,785	0	0	12,180,785	0	0	0	0	0	0	0	0	0	12,180,785	
			2022S	F	10,427,801	0	10,427,801	0	0	0	10,427,801	0	0	0	0	0	0	0	0	10,427,801	
			2023S	F	9,144,398	0	9,144,398	0	0	0	0	9,144,398	0	0	0	0	0	0	0	0	9,144,398



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future		
1044	102614	CDWWTP - DIGESTERS PLANT 2	2024S	F	7,500,000	0	7,500,000	0	0	0	0	0	0	7,500,000	0	0	0	0	0	7,500,000
			EW621	A	3,962,960	3,962,960	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	3,882,385	3,882,385	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	47,800,693	24,796,560	23,004,133	7,260,589	15,743,544	0	0	0	0	0	0	0	0	0	0	23,004,133
			FUT-S	F	9,500,000	0	9,500,000	0	0	0	0	0	0	6,500,000	3,000,000	0	0	0	0	9,500,000
		TOTAL - 102614			123,523,687	32,641,906	90,881,781	7,260,589	15,743,544	19,124,665	12,180,785	10,427,801	9,144,398	7,500,000	6,500,000	3,000,000	0	0	0	90,881,782
1044	102615	CDWWTP - DEWATERING BUILDING	2019S	F	50,000	0	50,000	0	50,000	0	0	0	0	0	0	0	0	0	0	50,000
			2020S	F	6,799,859	0	6,799,859	0	0	6,799,859	0	0	0	0	0	0	0	0	0	6,799,859
			2021S	F	11,150,909	0	11,150,909	0	0	0	11,150,909	0	0	0	0	0	0	0	0	11,150,909
			2022S	F	20,269,667	0	20,269,667	0	0	0	0	20,269,667	0	0	0	0	0	0	0	20,269,667
			2023S	F	30,959,003	0	30,959,003	0	0	0	0	0	30,959,003	0	0	0	0	0	0	30,959,003
			2024S	F	28,000,000	0	28,000,000	0	0	0	0	0	0	28,000,000	0	0	0	0	0	28,000,000
			EW658	A	1,592,851	1,592,851	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	951,704	919,539	32,165	32,165	0	0	0	0	0	0	0	0	0	0	0	32,165
			FUT-S	F	20,000,000	0	20,000,000	0	0	0	0	0	0	0	20,000,000	0	0	0	0	20,000,000
		TOTAL - 102615			119,773,993	2,512,390	117,261,603	32,165	50,000	6,799,859	11,150,909	20,269,667	30,959,003	28,000,000	20,000,000	0	0	0	0	117,261,603
1044	102616	CDWWTP - CHLORINATION FACILITIES	2019S	F	95,538	0	95,538	0	95,538	0	0	0	0	0	0	0	0	0	0	95,538
			EW658	A	2,497,439	2,497,439	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	22,339,436	18,215,791	4,123,645	4,123,645	0	0	0	0	0	0	0	0	0	0	0	4,123,645
		TOTAL - 102616			24,932,413	20,713,229	4,219,184	4,123,645	95,538	0	0	0	0	0	0	0	0	0	0	4,219,183

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future			
1044	102618	CDWWTP - CO-GEN FACILITY	2020S	F	6,000,000	0	6,000,000	0	0	6,000,000	0	0	0	0	0	0	0	0	0	6,000,000	
			2021S	F	1,000,000	0	1,000,000	0	0	0	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
			EW621	A	5,412,866	5,412,866	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	432,206	432,206	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	44,352,064	17,441,512	26,910,552	12,371,213	14,539,339	0	0	0	0	0	0	0	0	0	0	0	26,910,552
TOTAL - 102618					57,197,136	23,286,585	33,910,551	12,371,213	14,539,339	6,000,000	1,000,000	0	0	0	0	0	0	0	0	33,910,552	
1044	102620	CDWWTP - PUMP STATION 1	2019S	F	2,681,683	0	2,681,683	0	2,681,683	0	0	0	0	0	0	0	0	0	0	2,681,683	
			EW658	A	391,387	391,387	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	5,180,266	1,749,883	3,430,383	3,430,383	0	0	0	0	0	0	0	0	0	0	0	0	3,430,383
TOTAL - 102620					8,253,336	2,141,270	6,112,066	3,430,383	2,681,683	0	0	0	0	0	0	0	0	0	0	6,112,066	
1044	102621	CDWWTP - PUMP STATION 2	2019S	F	366,929	0	366,929	0	366,929	0	0	0	0	0	0	0	0	0	0	366,929	
			EW658	A	620,759	620,759	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	7,847,334	3,645,422	4,201,912	4,201,912	0	0	0	0	0	0	0	0	0	0	0	0	4,201,912
TOTAL - 102621					8,835,022	4,266,181	4,568,841	4,201,912	366,929	0	0	0	0	0	0	0	0	0	0	4,568,841	
1044	102624	CDWWTP - VENTILATION IMPROVEMENTS	2019S	F	650,080	0	650,080	0	650,080	0	0	0	0	0	0	0	0	0	0	650,080	
			2020S	F	500,184	0	500,184	0	0	500,184	0	0	0	0	0	0	0	0	0	0	500,184
			2021S	F	2,053,187	0	2,053,187	0	0	0	2,053,187	0	0	0	0	0	0	0	0	0	2,053,187
			2022S	F	4,378,932	0	4,378,932	0	0	0	0	4,378,932	0	0	0	0	0	0	0	0	4,378,932
			2023S	F	1,758,209	0	1,758,209	0	0	0	0	0	1,758,209	0	0	0	0	0	0	0	1,758,209
			EW660	A	738,263	333,900	404,363	404,363	0	0	0	0	0	0	0	0	0	0	0	0	404,363



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS										Total	
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028		Future
TOTAL - 102624					10,078,855	333,900	9,744,955	404,363	650,080	500,184	2,053,187	4,378,932	1,758,209	0	0	0	0	0	9,744,955
1044	102626	CDWWTP - OXYGEN PRODUCTION	2019S	F	5,837,223	0	5,837,223	0	5,837,223	0	0	0	0	0	0	0	0	0	5,837,223
			2020S	F	15,136,069	0	15,136,069	0	0	15,136,069	0	0	0	0	0	0	0	0	15,136,069
			2021S	F	19,107,305	0	19,107,305	0	0	0	19,107,305	0	0	0	0	0	0	0	19,107,305
			2022S	F	12,000,000	0	12,000,000	0	0	0	0	12,000,000	0	0	0	0	0	0	12,000,000
			2023S	F	9,500,000	0	9,500,000	0	0	0	0	0	9,500,000	0	0	0	0	0	9,500,000
			2024S	F	6,750,000	0	6,750,000	0	0	0	0	0	0	6,750,000	0	0	0	0	6,750,000
			EW658	A	790,720	790,720	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	3,435,831	2,465,718	970,113	970,113	0	0	0	0	0	0	0	0	0	0	970,113
			FUT-S	F	2,750,000	0	2,750,000	0	0	0	0	0	0	0	2,750,000	0	0	0	2,750,000
TOTAL - 102626					75,307,148	3,256,438	72,050,710	970,113	5,837,223	15,136,069	19,107,305	12,000,000	9,500,000	6,750,000	2,750,000	0	0	0	72,050,710
1044	102628	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	2019S	F	22,376,247	0	22,376,247	0	22,376,247	0	0	0	0	0	0	0	0	0	22,376,247
			2020S	F	17,351,193	0	17,351,193	0	0	17,351,193	0	0	0	0	0	0	0	0	17,351,193
			2021S	F	14,873,214	0	14,873,214	0	0	0	14,873,214	0	0	0	0	0	0	0	14,873,214
			2022S	F	15,644,223	0	15,644,223	0	0	0	0	15,644,223	0	0	0	0	0	0	15,644,223
			2023S	F	9,558,456	0	9,558,456	0	0	0	0	0	9,558,456	0	0	0	0	0	9,558,456
			2024S	F	3,649,176	0	3,649,176	0	0	0	0	0	0	3,649,176	0	0	0	0	3,649,176
			EW658	A	20,539	20,539	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	40,056,463	22,379,538	17,676,925	17,676,925	0	0	0	0	0	0	0	0	0	0	17,676,925
			FUT-S	F	817,142	0	817,142	0	0	0	0	0	0	0	817,142	0	0	0	817,142

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS										Total	
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028		Future
TOTAL - 102628					124,346,653	22,400,077	101,946,576	17,676,925	22,376,247	17,351,193	14,873,214	15,644,223	9,558,456	3,649,176	817,142	0	0	0	101,946,576
1044	102700	NDWWTP - HEADWORKS AND SLUDGE DEGRITTING TRANSFER	EW621	A	7,541,026	7,541,026	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	3,501,808	3,501,808	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	22,949,001	18,609,340	4,339,661	4,339,661	0	0	0	0	0	0	0	0	0	0	4,339,661
TOTAL - 102700					33,991,835	29,652,174	4,339,661	4,339,661	0	0	0	0	0	0	0	0	0	0	4,339,661
1044	102701	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	2020S	F	19,975,652	0	19,975,652	0	0	19,975,652	0	0	0	0	0	0	0	0	19,975,652
			2021S	F	15,406,508	0	15,406,508	0	0	0	15,406,508	0	0	0	0	0	0	0	15,406,508
			2022S	F	7,500,000	0	7,500,000	0	0	0	0	7,500,000	0	0	0	0	0	0	7,500,000
			2023S	F	3,500,000	0	3,500,000	0	0	0	0	0	3,500,000	0	0	0	0	0	3,500,000
			EW621	A	964,128	964,128	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	1,084,158	1,084,158	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	22,403,481	4,855,793	17,547,688	3,575,507	13,972,181	0	0	0	0	0	0	0	0	0	17,547,688
TOTAL - 102701					70,833,927	6,904,078	63,929,849	3,575,507	13,972,181	19,975,652	15,406,508	7,500,000	3,500,000	0	0	0	0	0	63,929,848
1044	102702	NDWWTP - OXYGENATION TRAINS	2019S	F	1,874,943	0	1,874,943	0	1,874,943	0	0	0	0	0	0	0	0	0	1,874,943
			2020S	F	2,673,480	0	2,673,480	0	0	2,673,480	0	0	0	0	0	0	0	0	2,673,480
			2021S	F	5,319,729	0	5,319,729	0	0	0	5,319,729	0	0	0	0	0	0	0	5,319,729
			2022S	F	16,532,844	0	16,532,844	0	0	0	0	16,532,844	0	0	0	0	0	0	16,532,844
			2023S	F	23,199,682	0	23,199,682	0	0	0	0	0	23,199,682	0	0	0	0	0	23,199,682
			2024S	F	12,408,583	0	12,408,583	0	0	0	0	0	0	12,408,583	0	0	0	0	12,408,583

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1044	102702	NDWWTP - OXYGENATION TRAINS	EW660	A	215,162	0	215,162	215,162	0	0	0	0	0	0	0	0	0	0	0	215,162
TOTAL - 102702					62,224,423	0	62,224,423	215,162	1,874,943	2,673,480	5,319,729	16,532,844	23,199,682	12,408,583	0	0	0	0	0	62,224,423
1044	102703	NDWWTP - OXYGEN PRODUCTION	2019S	F	1,071,976	0	1,071,976	0	1,071,976	0	0	0	0	0	0	0	0	0	0	1,071,976
			2020S	F	1,069,047	0	1,069,047	0	0	1,069,047	0	0	0	0	0	0	0	0	0	1,069,047
			2021S	F	3,015,421	0	3,015,421	0	0	0	3,015,421	0	0	0	0	0	0	0	0	3,015,421
			2022S	F	13,507,118	0	13,507,118	0	0	0	0	13,507,118	0	0	0	0	0	0	0	13,507,118
			2023S	F	16,825,537	0	16,825,537	0	0	0	0	0	16,825,537	0	0	0	0	0	0	16,825,537
			2024S	F	8,389,931	0	8,389,931	0	0	0	0	0	8,389,931	0	0	0	0	0	0	8,389,931
			EW660	A	770,677	16,619	754,058	754,058	0	0	0	0	0	0	0	0	0	0	0	754,058
TOTAL - 102703					44,649,707	16,619	44,633,088	754,058	1,071,976	1,069,047	3,015,421	13,507,118	16,825,537	8,389,931	0	0	0	0	0	44,633,088
1044	102704	NDWWTP - SECONDARY CLARIFIERS	2019S	F	2,743,578	0	2,743,578	0	2,743,578	0	0	0	0	0	0	0	0	0	0	2,743,578
			2020S	F	5,129,872	0	5,129,872	0	0	5,129,872	0	0	0	0	0	0	0	0	0	5,129,872
			2021S	F	6,512,181	0	6,512,181	0	0	0	6,512,181	0	0	0	0	0	0	0	0	6,512,181
			2022S	F	6,400,758	0	6,400,758	0	0	0	0	6,400,758	0	0	0	0	0	0	0	6,400,758
			2023S	F	5,424,669	0	5,424,669	0	0	0	0	0	5,424,669	0	0	0	0	0	0	5,424,669
			2024S	F	1,813,999	0	1,813,999	0	0	0	0	0	0	1,813,999	0	0	0	0	0	1,813,999
			EW621	A	19,182,551	19,182,551	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,522,595	473,195	1,049,400	1,049,400	0	0	0	0	0	0	0	0	0	0	0	1,049,400
TOTAL - 102704					48,730,203	19,655,746	29,074,457	1,049,400	2,743,578	5,129,872	6,512,181	6,400,758	5,424,669	1,813,999	0	0	0	0	0	29,074,457
1044	102705	NDWWTP - DISINFECTION	2019S	F	5,776,009	0	5,776,009	0	5,776,009	0	0	0	0	0	0	0	0	0	0	5,776,009

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS													
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total		
1044	102705	NDWWTP - DISINFECTION	2020S	F	4,174,333	0	4,174,333	0	0	4,174,333	0	0	0	0	0	0	0	0	0	4,174,333	
			2021S	F	3,000,000	0	3,000,000	0	0	0	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
			EW658	A	760,066	760,066	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	4,207,404	973,377	3,234,027	3,234,027	0	0	0	0	0	0	0	0	0	0	0	0	3,234,027
TOTAL - 102705					17,917,812	1,733,443	16,184,369	3,234,027	5,776,009	4,174,333	3,000,000	0	0	0	0	0	0	0	0	16,184,369	
1044	102706	NDWWTP - EFFLUENT DISPOSAL	2019S	F	1,319,946	0	1,319,946	0	1,319,946	0	0	0	0	0	0	0	0	0	0	1,319,946	
			EW658	A	4,322,081	4,322,081	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	3,608,928	1,313,367	2,295,561	2,295,561	0	0	0	0	0	0	0	0	0	0	0	0	2,295,561
TOTAL - 102706					9,250,955	5,635,448	3,615,507	2,295,561	1,319,946	0	0	0	0	0	0	0	0	0	0	3,615,507	
1044	102707	NDWWTP - PLANT WIDE ELECTRICAL	2019S	F	735,668	0	735,668	0	735,668	0	0	0	0	0	0	0	0	0	0	735,668	
			2020S	F	1,473,747	0	1,473,747	0	0	1,473,747	0	0	0	0	0	0	0	0	0	0	1,473,747
			2021S	F	76,109	0	76,109	0	0	0	76,109	0	0	0	0	0	0	0	0	0	76,109
			EW660	A	357,232	224,443	132,789	132,789	0	0	0	0	0	0	0	0	0	0	0	0	132,789
			TOTAL - 102707					2,642,756	224,443	2,418,313	132,789	735,668	1,473,747	76,109	0	0	0	0	0	0	0
TOTAL - 1044					1,357,379,611	240,311,892	1,117,067,719	97,433,754	160,488,578	187,101,199	181,001,448	180,703,522	155,822,587	97,449,489	47,067,142	10,000,000	0	0	0	1,117,067,719	
1045	102800	COLLECTION SYSTEM I/I REPAIRS	2019S	F	8,699,614	0	8,699,614	0	8,699,614	0	0	0	0	0	0	0	0	0	0	8,699,614	
			2020S	F	8,699,614	0	8,699,614	0	0	8,699,614	0	0	0	0	0	0	0	0	0	0	8,699,614
			2021S	F	8,699,614	0	8,699,614	0	0	0	8,699,614	0	0	0	0	0	0	0	0	0	8,699,614
			2022S	F	8,699,614	0	8,699,614	0	0	0	0	8,699,614	0	0	0	0	0	0	0	0	8,699,614
			2023S	F	8,699,614	0	8,699,614	0	0	0	0	0	8,699,614	0	0	0	0	0	0	0	8,699,614

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total			
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future				
1045	102800	COLLECTION SYSTEM I/I REPAIRS	2024S	F	8,699,614	0	8,699,614	0	0	0	0	0	0	0	8,699,614	0	0	0	0	0	8,699,614	
			EW658	A	10,056,324	10,056,324	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	44,084,514	31,066,643	13,017,871	13,017,871	0	0	0	0	0	0	0	0	0	0	0	0	0	13,017,871
			FUT-S	F	8,699,614	0	8,699,614	0	0	0	0	0	0	0	8,699,614	0	0	0	0	0	0	8,699,614
TOTAL - 102800					115,038,136	41,122,967	73,915,169	13,017,871	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	0	0	0	0	0	73,915,169	
1045	102802	GOVERNMENT CUT FM - PHASE 3	EW623	A	9,889,440	9,889,440	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW658	A	59,316,550	59,316,550	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	18,919,792	18,875,005	44,787	44,787	0	0	0	0	0	0	0	0	0	0	0	0	0	44,787
			TOTAL - 102802					88,125,782	88,080,995	44,787	44,787	0	0	0	0	0	0	0	0	0	0	0
1045	102803	NORTH DADE 72 INCH PCCP FM REHABILITATION	EW621	A	720,813	720,813	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW658	A	15,865,992	15,865,992	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	4,890,475	4,890,475	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			TOTAL - 102803					21,477,280	21,477,280	0	0	0	0	0	0	0	0	0	0	0	0	0
1045	102804	SOUTH DADE 54 INCH PCCP FM REHABILITATION	EW658	A	2,064,524	2,064,524	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	41,916,737	35,771,573	6,145,164	6,145,164	0	0	0	0	0	0	0	0	0	0	0	0	6,145,164	
			TOTAL - 102804					43,981,261	37,836,097	6,145,164	6,145,164	0	0	0	0	0	0	0	0	0	0	0
1045	102807	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	EW658	A	349,046	349,046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	19,675,211	15,879,185	3,796,026	3,796,026	0	0	0	0	0	0	0	0	0	0	0	0	3,796,026	
			TOTAL - 102807					20,024,257	16,228,231	3,796,026	3,796,026	0	0	0	0	0	0	0	0	0	0	3,796,026

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS													
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total		
1045	102808	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	2019S	F	8,029,387	0	8,029,387	0	8,029,387	0	0	0	0	0	0	0	0	0	0	0	8,029,387
			2020S	F	3,000,000	0	3,000,000	0	0	3,000,000	0	0	0	0	0	0	0	0	0	0	3,000,000
			2021S	F	2,000,000	0	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000
			EW621	A	3,186,305	3,186,305	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	1,653,157	1,653,157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	13,389,313	7,885,840	5,503,473	5,503,473	0	0	0	0	0	0	0	0	0	0	0	0	5,503,473
		TOTAL - 102808			31,258,162	12,725,302	18,532,860	5,503,473	8,029,387	3,000,000	2,000,000	0	0	0	0	0	0	0	0	0	18,532,860
1045	102809	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	2021S	F	1,236,753	0	1,236,753	0	0	0	1,236,753	0	0	0	0	0	0	0	0	0	1,236,753
			2022S	F	1,714,606	0	1,714,606	0	0	0	0	1,714,606	0	0	0	0	0	0	0	0	1,714,606
			EW658	A	463,655	463,655	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	20,094,856	16,131,959	3,962,897	3,962,897	0	0	0	0	0	0	0	0	0	0	0	0	3,962,897
		TOTAL - 102809			23,509,870	16,595,614	6,914,256	3,962,897	0	0	1,236,753	1,714,606	0	0	0	0	0	0	0	0	6,914,256
		TOTAL - 1045			343,414,748	234,066,486	109,348,262	32,470,218	16,729,001	11,699,614	11,936,367	10,414,220	8,699,614	8,699,614	8,699,614	0	0	0	0	0	109,348,262
1046	102900	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	EW623	A	2,759,123	1,005,978	1,753,145	1,753,145	0	0	0	0	0	0	0	0	0	0	0	0	1,753,145
			EW658	A	402,025	402,025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	8,708,667	7,845,178	863,489	863,489	0	0	0	0	0	0	0	0	0	0	0	0	863,489
		TOTAL - 102900			11,869,815	9,253,181	2,616,634	2,616,634	0	0	0	0	0	0	0	0	0	0	0	0	2,616,634
1046	102902	UPGRADE OF PS#0692	2019S	F	9,913,165	0	9,913,165	0	9,913,165	0	0	0	0	0	0	0	0	0	0	0	9,913,165
			2020S	F	248,798	0	248,798	0	0	248,798	0	0	0	0	0	0	0	0	0	0	248,798

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS													
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total		
1046	102902	UPGRADE OF PS#0692	EW658	A	488,031	488,031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	4,843,132	1,991,441	2,851,691	2,851,691	0	0	0	0	0	0	0	0	0	0	0	0	2,851,691
		TOTAL - 102902			15,493,126	2,479,472	13,013,654	2,851,691	9,913,165	248,798	0	0	0	0	0	0	0	0	0	0	13,013,654
1046	102903	REPLACEMENT OF SWITCHGEAR PS#0414	2019S	F	53,884	0	53,884	0	53,884	0	0	0	0	0	0	0	0	0	0	0	53,884
			EW658	A	421,604	421,604	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	6,829,977	2,826,300	4,003,677	4,003,677	0	0	0	0	0	0	0	0	0	0	0	0	4,003,677
		TOTAL - 102903			7,305,465	3,247,903	4,057,562	4,003,677	53,884	0	0	0	0	0	0	0	0	0	0	0	4,057,561
1046	102904	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0415	EW658	A	283,547	283,547	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	7,722,329	3,828,790	3,893,539	3,893,539	0	0	0	0	0	0	0	0	0	0	0	0	3,893,539
		TOTAL - 102904			8,005,876	4,112,337	3,893,539	3,893,539	0	0	0	0	0	0	0	0	0	0	0	0	3,893,539
1046	102905	REPLACEMENT OF SWITCHGEAR PS#0416	2019S	F	37,535	0	37,535	0	37,535	0	0	0	0	0	0	0	0	0	0	0	37,535
			EW658	A	270,110	270,110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	7,005,995	3,632,296	3,373,699	3,373,699	0	0	0	0	0	0	0	0	0	0	0	0	3,373,699
		TOTAL - 102905			7,313,640	3,902,405	3,411,235	3,373,699	37,535	0	0	0	0	0	0	0	0	0	0	0	3,411,234
1046	102906	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0417	2019S	F	1,053,360	0	1,053,360	0	1,053,360	0	0	0	0	0	0	0	0	0	0	0	1,053,360
			EW658	A	422,759	422,759	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	6,050,117	1,027,118	5,022,999	5,022,999	0	0	0	0	0	0	0	0	0	0	0	0	5,022,999
		TOTAL - 102906			7,526,236	1,449,877	6,076,359	5,022,999	1,053,360	0	0	0	0	0	0	0	0	0	0	0	6,076,359

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1046	102907	REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT IN PS#0107	EW658	A	133,980	133,980	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,957,298	1,957,298	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 102907			2,091,278	2,091,278	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1046	102908	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	2019S	F	2,705,832	0	2,705,832	0	2,705,832	0	0	0	0	0	0	0	0	0	0	2,705,832
			2020S	F	4,827,039	0	4,827,039	0	0	4,827,039	0	0	0	0	0	0	0	0	0	4,827,039
			2021S	F	2,198,850	0	2,198,850	0	0	0	2,198,850	0	0	0	0	0	0	0	0	2,198,850
			2022S	F	1,025,916	0	1,025,916	0	0	0	0	1,025,916	0	0	0	0	0	0	0	1,025,916
			2023S	F	216,543	0	216,543	0	0	0	0	0	216,543	0	0	0	0	0	0	216,543
			EW658	A	332,376	332,376	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,312,925	732,763	580,162	580,162	0	0	0	0	0	0	0	0	0	0	0	580,162
		TOTAL - 102908			12,619,481	1,065,139	11,554,342	580,162	2,705,832	4,827,039	2,198,850	1,025,916	216,543	0	0	0	0	0	0	11,554,342
1046	102909	UPGRADE OF PS#0488	EW658	A	85,031	85,031	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	783,210	772,260	10,950	10,950	0	0	0	0	0	0	0	0	0	0	0	10,950
		TOTAL - 102909			868,241	857,291	10,950	10,950	0	0	0	0	0	0	0	0	0	0	0	10,950
1046	102910	INSTALLATION OF 60 INCH FM FROM KENDALL DR TO PS#0536	2019S	F	47,569	0	47,569	0	47,569	0	0	0	0	0	0	0	0	0	0	47,569
			EW660	A	1,888,892	613,449	1,275,443	1,275,443	0	0	0	0	0	0	0	0	0	0	0	1,275,443
		TOTAL - 102910			1,936,461	613,449	1,323,012	1,275,443	47,569	0	0	0	0	0	0	0	0	0	0	1,323,012



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1046	102911	REPLACEMENT OF SWITCHGEAR AT PS#0187	EW658	A	674,765	674,765	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	12,178,974	10,042,729	2,136,245	2,136,245	0	0	0	0	0	0	0	0	0	0	0	2,136,245
		TOTAL - 102911			12,853,739	10,717,494	2,136,245	2,136,245	0	0	0	0	0	0	0	0	0	0	0	2,136,245
1046	102914	UPGRADE OF PS #0065, 0201, 0334, 0374, 0607	EW658	A	3,967,621	3,967,621	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	2,142,422	1,855,321	287,101	287,101	0	0	0	0	0	0	0	0	0	0	0	287,101
		TOTAL - 102914			6,110,043	5,822,943	287,101	287,101	0	0	0	0	0	0	0	0	0	0	0	287,101
1046	102915	UPGRADE OF PS #00198, 0437, 0466, 0680	EW658	A	320,641	320,641	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	3,750,866	2,989,892	760,974	760,974	0	0	0	0	0	0	0	0	0	0	0	760,974
		TOTAL - 102915			4,071,507	3,310,533	760,974	760,974	0	0	0	0	0	0	0	0	0	0	0	760,974
1046	102916	UPGRADE OF PS #0037, 0351, 0370, 0403	EW660	A	6,023,411	4,206,870	1,816,541	1,816,541	0	0	0	0	0	0	0	0	0	0	0	1,816,541
		TOTAL - 102916			6,023,411	4,206,870	1,816,541	1,816,541	0	0	0	0	0	0	0	0	0	0	0	1,816,541
1046	102917	UPGRADE OF PS #0441, 0491, 0710, 0827, 0852, 1236	2019S	F	795,209	0	795,209	0	795,209	0	0	0	0	0	0	0	0	0	0	795,209
			EW660	A	5,840,261	610,071	5,230,190	5,230,190	0	0	0	0	0	0	0	0	0	0	0	5,230,190
		TOTAL - 102917			6,635,470	610,071	6,025,399	5,230,190	795,209	0	0	0	0	0	0	0	0	0	0	6,025,399
		TOTAL - 1046			110,723,789	53,740,243	56,983,546	33,859,845	14,606,554	5,075,837	2,198,850	1,025,916	216,543	0	0	0	0	0	0	56,983,545
1047	103000	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - GRAVITY AND FORCE MAINS	EW647	A	100,800,000	3,056,800	97,743,200	4,381,600	8,306,400	12,380,800	15,180,000	16,376,000	24,720,000	16,398,400	0	0	0	0	0	97,743,200
		TOTAL - 103000			100,800,000	3,056,800	97,743,200	4,381,600	8,306,400	12,380,800	15,180,000	16,376,000	24,720,000	16,398,400	0	0	0	0	0	97,743,200

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1047	103001	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PUMP STATIONS	EW647	A	25,200,000	764,200	24,435,800	1,095,400	2,076,600	3,095,200	3,795,000	4,094,000	6,180,000	4,099,600	0	0	0	0	24,435,800
TOTAL - 103001					25,200,000	764,200	24,435,800	1,095,400	2,076,600	3,095,200	3,795,000	4,094,000	6,180,000	4,099,600	0	0	0	0	24,435,800
1047	103002	SUPPLEMENTAL ENVIRONMENT PROJECT (SEP)	2019S	F	19,005	0	19,005	0	19,005	0	0	0	0	0	0	0	0	0	19,005
			EW658	A	275,850	275,850	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	5,003,753	1,234,142	3,769,611	3,769,611	0	0	0	0	0	0	0	0	0	0	3,769,611
TOTAL - 103002					5,298,608	1,509,992	3,788,616	3,769,611	19,005	0	0	0	0	0	0	0	0	0	3,788,616
TOTAL - 1047					131,298,608	5,330,992	125,967,616	9,246,611	10,402,005	15,476,000	18,975,000	20,470,000	30,900,000	20,498,000	0	0	0	0	125,967,616
1048	101757	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	2019S	F	517,762	0	517,762	0	517,762	0	0	0	0	0	0	0	0	0	517,762
			EW623	A	21,219,865	19,411,131	1,808,734	1,808,734	0	0	0	0	0	0	0	0	0	0	1,808,734
			EW658	A	150,046	150,046	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	5,504,746	1,802,131	3,702,615	3,702,615	0	0	0	0	0	0	0	0	0	0	3,702,615
TOTAL - 101757					27,392,419	21,363,308	6,029,112	5,511,349	517,762	0	0	0	0	0	0	0	0	0	6,029,111
1048	102055	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	2020S	F	3,095,688	0	3,095,688	0	0	3,095,688	0	0	0	0	0	0	0	0	3,095,688
			2021S	F	11,453,363	0	11,453,363	0	0	0	11,453,363	0	0	0	0	0	0	0	11,453,363
			2022S	F	2,223,240	0	2,223,240	0	0	0	0	2,223,240	0	0	0	0	0	0	2,223,240
			2023S	F	1,101,276	0	1,101,276	0	0	0	0	0	1,101,276	0	0	0	0	0	1,101,276



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS													
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total		
1048	102055	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	EW623	A	16,887,179	5,815,473	11,071,706	3,101,795	1,732,350	6,237,561	0	0	0	0	0	0	0	0	0	0	11,071,706
			EW660	A	182,043	15,195	166,848	166,848	0	0	0	0	0	0	0	0	0	0	0	0	166,848
		TOTAL - 102055			34,942,789	5,830,668	29,112,121	3,268,643	1,732,350	9,333,249	11,453,363	2,223,240	1,101,276	0	0	0	0	0	0	0	29,112,121
1048	102056	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	2021S	F	1,395,455	0	1,395,455	0	0	0	1,395,455	0	0	0	0	0	0	0	0	0	1,395,455
			2022S	F	20,928,324	0	20,928,324	0	0	0	0	20,928,324	0	0	0	0	0	0	0	0	20,928,324
			2023S	F	19,000,000	0	19,000,000	0	0	0	0	0	19,000,000	0	0	0	0	0	0	0	19,000,000
			2024S	F	17,500,000	0	17,500,000	0	0	0	0	0	0	17,500,000	0	0	0	0	0	0	17,500,000
			EW623	A	34,694,627	6,763,513	27,931,114	2,313,928	5,343,920	9,273,266	11,000,000	0	0	0	0	0	0	0	0	0	27,931,114
			FUT-S	F	30,500,000	0	30,500,000	0	0	0	0	0	0	0	15,500,000	15,000,000	0	0	0	0	30,500,000
		TOTAL - 102056			124,018,406	6,763,513	117,254,893	2,313,928	5,343,920	9,273,266	12,395,455	20,928,324	19,000,000	17,500,000	15,500,000	15,000,000	0	0	0	0	117,254,893
1048	103008	SDWWTP - FILTER BACKWASH (ST-1C)	2019S	F	3,126,849	0	3,126,849	0	3,126,849	0	0	0	0	0	0	0	0	0	0	0	3,126,849
			2020S	F	12,189,985	0	12,189,985	0	0	12,189,985	0	0	0	0	0	0	0	0	0	0	12,189,985
			2021S	F	2,389,568	0	2,389,568	0	0	0	2,389,568	0	0	0	0	0	0	0	0	0	2,389,568
			EW660	A	139,462	0	139,462	139,462	0	0	0	0	0	0	0	0	0	0	0	0	139,462
		TOTAL - 103008			17,845,864	0	17,845,864	139,462	3,126,849	12,189,985	2,389,568	0	0	0	0	0	0	0	0	0	17,845,864
1048	103009	SDWWTP - CHLORINE CONTACT & WELLS PS (ST-2C)	2021S	F	19,355,766	0	19,355,766	0	0	0	19,355,766	0	0	0	0	0	0	0	0	0	19,355,766
			2022S	F	15,094,605	0	15,094,605	0	0	0	0	15,094,605	0	0	0	0	0	0	0	0	15,094,605
			2023S	F	9,500,000	0	9,500,000	0	0	0	0	0	9,500,000	0	0	0	0	0	0	0	9,500,000
			2024S	F	5,500,000	0	5,500,000	0	0	0	0	0	0	5,500,000	0	0	0	0	0	0	5,500,000

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1048	103009	SDWWTP - CHLORINE CONTACT & WELLS PS (ST-2C)	EW623	A	26,966,767	0	26,966,767	1,169,987	10,377,303	15,419,477	0	0	0	0	0	0	0	0	0	26,966,767
			FUT-S	F	1,000,000	0	1,000,000	0	0	0	0	0	0	0	1,000,000	0	0	0	0	1,000,000
		TOTAL - 103009			77,417,138	0	77,417,138	1,169,987	10,377,303	15,419,477	19,355,766	15,094,605	9,500,000	5,500,000	1,000,000	0	0	0	0	77,417,138
1048	103010	SDWWTP - CLARIFIERS AND HLD (ST-2B)	2020S	F	90,000	0	90,000	0	0	90,000	0	0	0	0	0	0	0	0	0	90,000
			2021S	F	12,160,196	0	12,160,196	0	0	0	12,160,196	0	0	0	0	0	0	0	0	12,160,196
			2022S	F	14,013,820	0	14,013,820	0	0	0	0	14,013,820	0	0	0	0	0	0	0	14,013,820
			2023S	F	15,500,000	0	15,500,000	0	0	0	0	0	15,500,000	0	0	0	0	0	0	15,500,000
			2024S	F	18,500,000	0	18,500,000	0	0	0	0	0	0	18,500,000	0	0	0	0	18,500,000	
			EW623	A	19,391,327	0	19,391,327	1,083,499	7,546,716	10,761,112	0	0	0	0	0	0	0	0	0	19,391,327
			FUT-S	F	43,900,000	0	43,900,000	0	0	0	0	0	0	0	17,750,000	22,000,000	4,150,000	0	43,900,000	
		TOTAL - 103010			123,555,343	0	123,555,343	1,083,499	7,546,716	10,851,112	12,160,196	14,013,820	15,500,000	18,500,000	17,750,000	22,000,000	4,150,000	0	0	123,555,343
1048	103011	SDWWTP - ELECTRICAL BUILDING (ST-2D)	2019S	F	7,613,255	0	7,613,255	0	7,613,255	0	0	0	0	0	0	0	0	0	0	7,613,255
			2020S	F	10,934,112	0	10,934,112	0	0	10,934,112	0	0	0	0	0	0	0	0	0	10,934,112
			2021S	F	21,139,971	0	21,139,971	0	0	0	21,139,971	0	0	0	0	0	0	0	0	21,139,971
			2022S	F	17,262,621	0	17,262,621	0	0	0	0	17,262,621	0	0	0	0	0	0	0	17,262,621
			2023S	F	15,436,822	0	15,436,822	0	0	0	0	0	15,436,822	0	0	0	0	0	0	15,436,822
			2024S	F	14,000,000	0	14,000,000	0	0	0	0	0	0	14,000,000	0	0	0	0	14,000,000	
			EW660	A	1,224,516	0	1,224,516	1,224,516	0	0	0	0	0	0	0	0	0	0	0	1,224,516
			FUT-S	F	39,000,000	0	39,000,000	0	0	0	0	0	0	0	12,500,000	16,500,000	10,000,000	0	39,000,000	
		TOTAL - 103011			126,611,297	0	126,611,297	1,224,516	7,613,255	10,934,112	21,139,971	17,262,621	15,436,822	14,000,000	12,500,000	16,500,000	10,000,000	0	0	126,611,297

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
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Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
		TOTAL - 1048			531,783,256	33,957,489	497,825,768	14,711,384	36,258,155	68,001,201	78,894,319	69,522,610	60,538,098	55,500,000	46,750,000	53,500,000	14,150,000	0	497,825,767	
1049	100984	REFURBISH STRUCTURES IN PUMP STATIONS	2019S	F	600,000	0	600,000	0	600,000	0	0	0	0	0	0	0	0	0	0	600,000
			2020S	F	400,000	0	400,000	0	0	400,000	0	0	0	0	0	0	0	0	0	400,000
			2021S	F	400,000	0	400,000	0	0	0	400,000	0	0	0	0	0	0	0	0	400,000
			2022S	F	310,035	0	310,035	0	0	0	0	310,035	0	0	0	0	0	0	0	310,035
			EW658	A	120,147	120,147	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	681,357	15,688	665,669	665,669	0	0	0	0	0	0	0	0	0	0	0	665,669
		TOTAL - 100984			2,511,539	135,835	2,375,704	665,669	600,000	400,000	400,000	310,035	0	0	0	0	0	0	0	2,375,704
1049	101710	MASTER PUMP STATION NO. 3 (FORMERLY P.S. 8)	EW623	A	46,634,272	46,609,913	24,359	24,359	0	0	0	0	0	0	0	0	0	0	0	24,359
			EW660	A	305,517	279,129	26,388	26,388	0	0	0	0	0	0	0	0	0	0	0	26,388
		TOTAL - 101710			46,939,789	46,889,043	50,746	50,747	0	0	0	0	0	0	0	0	0	0	0	50,747
1049	101816	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS (VAPE)	2019S	F	575,000	0	575,000	0	575,000	0	0	0	0	0	0	0	0	0	0	575,000
			2020S	F	350,000	0	350,000	0	0	350,000	0	0	0	0	0	0	0	0	0	350,000
			2021S	F	290,000	0	290,000	0	0	0	290,000	0	0	0	0	0	0	0	0	290,000
			2022S	F	175,000	0	175,000	0	0	0	0	175,000	0	0	0	0	0	0	0	175,000
			2023S	F	175,000	0	175,000	0	0	0	0	0	175,000	0	0	0	0	0	0	175,000
			EW660	A	735,000	0	735,000	735,000	0	0	0	0	0	0	0	0	0	0	0	735,000
		TOTAL - 101816			2,300,000	0	2,300,000	735,000	575,000	350,000	290,000	175,000	175,000	0	0	0	0	0	0	2,300,000



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1049	101823	INSTALLATION OF REMOTE SYSTEM MONITORING VIDEO EQUIPMENT AT PUMP STATIONS	2019S	F	250,000	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0	250,000
			2020S	F	375,000	0	375,000	0	0	375,000	0	0	0	0	0	0	0	0	0	375,000
			2021S	F	256,500	0	256,500	0	0	0	256,500	0	0	0	0	0	0	0	0	256,500
			2022S	F	299,500	0	299,500	0	0	0	0	299,500	0	0	0	0	0	0	0	299,500
			2023S	F	299,500	0	299,500	0	0	0	0	0	299,500	0	0	0	0	0	0	299,500
			EW660	A	175,000	0	175,000	175,000	0	0	0	0	0	0	0	0	0	0	0	175,000
		TOTAL - 101823			1,655,500	0	1,655,500	175,000	250,000	375,000	256,500	299,500	299,500	0	0	0	0	0	0	1,655,500
1049	101837	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	2019S	F	751,230	0	751,230	0	751,230	0	0	0	0	0	0	0	0	0	0	751,230
			2020S	F	1,002,500	0	1,002,500	0	0	1,002,500	0	0	0	0	0	0	0	0	0	1,002,500
			2021S	F	1,315,000	0	1,315,000	0	0	0	1,315,000	0	0	0	0	0	0	0	0	1,315,000
			2022S	F	2,527,000	0	2,527,000	0	0	0	0	2,527,000	0	0	0	0	0	0	0	2,527,000
			2023S	F	3,750,000	0	3,750,000	0	0	0	0	0	3,750,000	0	0	0	0	0	0	3,750,000
			2024S	F	1,200,700	0	1,200,700	0	0	0	0	0	0	1,200,700	0	0	0	0	0	1,200,700
			EW660	A	550,000	0	550,000	550,000	0	0	0	0	0	0	0	0	0	0	0	550,000
			FUT-S	F	1,163,570	0	1,163,570	0	0	0	0	0	0	0	1,163,570	0	0	0	0	1,163,570
		TOTAL - 101837			12,260,000	0	12,260,000	550,000	751,230	1,002,500	1,315,000	2,527,000	3,750,000	1,200,700	1,163,570	0	0	0	0	12,260,000
1049	101840	REPLACEMENT OF ANVIC DRIVES AND SWITCHGEAR AT PS#0536	EW658	A	1,298,988	1,298,988	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	803,526	0	803,526	803,526	0	0	0	0	0	0	0	0	0	0	0	803,526

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
TOTAL - 101840					2,102,514	1,298,988	803,526	803,526	0	0	0	0	0	0	0	0	0	0	803,526
1049	101846	PS 559 FLOW METER	2020S	F	350,000	0	350,000	0	0	350,000	0	0	0	0	0	0	0	0	350,000
			2021S	F	150,000	0	150,000	0	0	0	150,000	0	0	0	0	0	0	0	150,000
TOTAL - 101846					500,000	0	500,000	0	0	350,000	150,000	0	0	0	0	0	0	0	500,000
1049	101930	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	2019S	F	850,000	0	850,000	0	850,000	0	0	0	0	0	0	0	0	0	850,000
			2020S	F	700,000	0	700,000	0	0	700,000	0	0	0	0	0	0	0	0	700,000
			2021S	F	911,361	0	911,361	0	0	0	911,361	0	0	0	0	0	0	0	911,361
			2022S	F	305,884	0	305,884	0	0	0	0	305,884	0	0	0	0	0	0	305,884
			EW658	A	224,648	224,648	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,433,107	662,482	770,625	770,625	0	0	0	0	0	0	0	0	0	0	770,625
TOTAL - 101930					4,425,000	887,130	3,537,870	770,625	850,000	700,000	911,361	305,884	0	0	0	0	0	0	3,537,870
1049	101933	REPLACEMENT OF SUBMERSIBLE PUMPING EQUIPMENT	2019S	F	225,000	0	225,000	0	225,000	0	0	0	0	0	0	0	0	0	225,000
			2020S	F	175,000	0	175,000	0	0	175,000	0	0	0	0	0	0	0	0	175,000
			EW660	A	350,000	0	350,000	350,000	0	0	0	0	0	0	0	0	0	0	350,000
TOTAL - 101933					750,000	0	750,000	350,000	225,000	175,000	0	0	0	0	0	0	0	0	750,000
1049	101934	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	2019S	F	550,000	0	550,000	0	550,000	0	0	0	0	0	0	0	0	0	550,000
			2020S	F	620,000	0	620,000	0	0	620,000	0	0	0	0	0	0	0	0	620,000
			2021S	F	550,000	0	550,000	0	0	0	550,000	0	0	0	0	0	0	0	550,000



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								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total		
1049	101934	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	2022S	F	320,000	0	320,000	0	0	0	0	320,000	0	0	0	0	0	0	0	0	320,000
			EW660	A	474,908	129,908	345,000	345,000	0	0	0	0	0	0	0	0	0	0	0	0	345,000
		TOTAL - 101934			2,514,908	129,908	2,385,000	345,000	550,000	620,000	550,000	320,000	0	0	0	0	0	0	0	0	2,385,000
1049	102042	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	2019S	F	1,081,090	0	1,081,090	0	1,081,090	0	0	0	0	0	0	0	0	0	0	0	1,081,090
			2020S	F	1,695,844	0	1,695,844	0	0	1,695,844	0	0	0	0	0	0	0	0	0	0	1,695,844
			2021S	F	1,815,917	0	1,815,917	0	0	0	1,815,917	0	0	0	0	0	0	0	0	0	1,815,917
			2022S	F	2,000,000	0	2,000,000	0	0	0	0	2,000,000	0	0	0	0	0	0	0	0	2,000,000
			2023S	F	4,000,000	0	4,000,000	0	0	0	0	0	4,000,000	0	0	0	0	0	0	0	4,000,000
			2024S	F	2,000,000	0	2,000,000	0	0	0	0	0	0	2,000,000	0	0	0	0	0	0	2,000,000
			EW660	A	207,149	0	207,149	207,149	0	0	0	0	0	0	0	0	0	0	0	0	207,149
			FUT-S	F	3,700,000	0	3,700,000	0	0	0	0	0	0	0	1,700,000	2,000,000	0	0	0	0	3,700,000
		TOTAL - 102042			16,500,000	0	16,500,000	207,149	1,081,090	1,695,844	1,815,917	2,000,000	4,000,000	2,000,000	1,700,000	2,000,000	0	0	0	0	16,500,000
1049	102043	DORAL BASIN UPGRADE - P.S. 14 UPGRADE - COUNTY SHARE	2019S	F	3,256,732	0	3,256,732	0	3,256,732	0	0	0	0	0	0	0	0	0	0	0	3,256,732
			2020S	F	860,000	0	860,000	0	0	860,000	0	0	0	0	0	0	0	0	0	0	860,000
			EW660	A	59,500	0	59,500	59,500	0	0	0	0	0	0	0	0	0	0	0	0	59,500
		TOTAL - 102043			4,176,232	0	4,176,232	59,500	3,256,732	860,000	0	0	0	0	0	0	0	0	0	0	4,176,232
1049	102045	P.S. 2 BASIN UPGRADE - PHASE 1 LOCAL	2019S	F	1,945,803	0	1,945,803	0	1,945,803	0	0	0	0	0	0	0	0	0	0	0	1,945,803
			2020S	F	3,471,950	0	3,471,950	0	0	3,471,950	0	0	0	0	0	0	0	0	0	0	3,471,950

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future			
1049	102045	P.S. 2 BASIN UPGRADE - PHASE 1 LOCAL	2021S	F	1,639,000	0	1,639,000	0	0	0	1,639,000	0	0	0	0	0	0	0	0	1,639,000	
			EW623	A	310,719	310,719	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	176,171	0	176,171	176,171	0	0	0	0	0	0	0	0	0	0	0	0	176,171
			TOTAL - 102045					7,543,643	310,719	7,232,924	176,171	1,945,803	3,471,950	1,639,000	0	0	0	0	0	0	0
1049	102126	RELOCATION OF 20 PUMP STATIONS	2019S	F	1,108,712	0	1,108,712	0	1,108,712	0	0	0	0	0	0	0	0	0	0	1,108,712	
			2020S	F	1,311,326	0	1,311,326	0	0	1,311,326	0	0	0	0	0	0	0	0	0	0	1,311,326
			2021S	F	1,400,000	0	1,400,000	0	0	0	1,400,000	0	0	0	0	0	0	0	0	0	1,400,000
			2022S	F	1,500,000	0	1,500,000	0	0	0	0	1,500,000	0	0	0	0	0	0	0	0	1,500,000
			2023S	F	2,310,000	0	2,310,000	0	0	0	0	0	2,310,000	0	0	0	0	0	0	0	2,310,000
			2024S	F	3,000,000	0	3,000,000	0	0	0	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000
			EW660	A	874,753	352,297	522,456	522,456	0	0	0	0	0	0	0	0	0	0	0	0	522,456
			FUT-S	F	3,100,000	0	3,100,000	0	0	0	0	0	0	0	0	2,000,000	600,000	500,000	0	0	3,100,000
			TOTAL - 102126					14,604,791	352,297	14,252,494	522,456	1,108,712	1,311,326	1,400,000	1,500,000	2,310,000	3,000,000	2,000,000	600,000	500,000	0
1049	102160	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	2019S	F	750,000	0	750,000	0	750,000	0	0	0	0	0	0	0	0	0	0	750,000	
			2020S	F	1,000,000	0	1,000,000	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000
			2021S	F	1,100,000	0	1,100,000	0	0	0	1,100,000	0	0	0	0	0	0	0	0	0	1,100,000
			2022S	F	3,400,980	0	3,400,980	0	0	0	0	3,400,980	0	0	0	0	0	0	0	0	3,400,980
			2023S	F	4,050,000	0	4,050,000	0	0	0	0	0	4,050,000	0	0	0	0	0	0	0	4,050,000
			2024S	F	5,345,906	0	5,345,906	0	0	0	0	0	0	5,345,906	0	0	0	0	0	0	5,345,906
			EW660	A	575,000	0	575,000	575,000	0	0	0	0	0	0	0	0	0	0	0	0	575,000

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1049	102160	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	FUT-S	F	3,778,114	0	3,778,114	0	0	0	0	0	0	0	1,578,114	1,250,000	950,000	0	3,778,114	
TOTAL - 102160					20,000,000	0	20,000,000	575,000	750,000	1,000,000	1,100,000	3,400,980	4,050,000	5,345,906	1,578,114	1,250,000	950,000	0	20,000,000	
1049	102161	CONVERSION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2019S	F	494,625	0	494,625	0	494,625	0	0	0	0	0	0	0	0	0	0	494,625
			2020S	F	785,088	0	785,088	0	0	785,088	0	0	0	0	0	0	0	0	0	785,088
			2021S	F	925,601	0	925,601	0	0	0	925,601	0	0	0	0	0	0	0	0	925,601
			2022S	F	2,750,000	0	2,750,000	0	0	0	0	2,750,000	0	0	0	0	0	0	0	2,750,000
			2023S	F	3,000,000	0	3,000,000	0	0	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000
			2024S	F	2,500,000	0	2,500,000	0	0	0	0	0	0	2,500,000	0	0	0	0	0	2,500,000
			EW660	A	177,756	0	177,756	177,756	0	0	0	0	0	0	0	0	0	0	0	177,756
			FUT-S	F	7,366,934	0	7,366,934	0	0	0	0	0	0	0	2,916,933	3,550,001	900,000	0	7,366,934	
TOTAL - 102161					18,000,004	0	18,000,004	177,756	494,625	785,088	925,601	2,750,000	3,000,000	2,500,000	2,916,933	3,550,001	900,000	0	18,000,004	
1049	102163	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	2019S	F	897,014	0	897,014	0	897,014	0	0	0	0	0	0	0	0	0	0	897,014
			2020S	F	1,203,100	0	1,203,100	0	0	1,203,100	0	0	0	0	0	0	0	0	0	1,203,100
			2021S	F	1,650,000	0	1,650,000	0	0	0	1,650,000	0	0	0	0	0	0	0	0	1,650,000
			2022S	F	1,220,803	0	1,220,803	0	0	0	0	1,220,803	0	0	0	0	0	0	0	1,220,803
			2023S	F	4,431,609	0	4,431,609	0	0	0	0	0	4,431,609	0	0	0	0	0	0	4,431,609
			2024S	F	2,500,000	0	2,500,000	0	0	0	0	0	0	2,500,000	0	0	0	0	0	2,500,000
			EW660	A	203,753	0	203,753	203,753	0	0	0	0	0	0	0	0	0	0	0	203,753
			FUT-S	F	1,000,000	0	1,000,000	0	0	0	0	0	0	0	1,000,000	0	0	0	0	1,000,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
TOTAL - 102163					13,106,279	0	13,106,279	203,753	897,014	1,203,100	1,650,000	1,220,803	4,431,609	2,500,000	1,000,000	0	0	0	13,106,279
1049	102192	OUT OF COMPLIANCE PUMP STATIONS	2019S	F	1,100,000	0	1,100,000	0	1,100,000	0	0	0	0	0	0	0	0	0	1,100,000
			2020S	F	1,800,000	0	1,800,000	0	0	1,800,000	0	0	0	0	0	0	0	0	1,800,000
			2021S	F	1,900,000	0	1,900,000	0	0	0	1,900,000	0	0	0	0	0	0	0	1,900,000
			2022S	F	3,318,800	0	3,318,800	0	0	0	0	3,318,800	0	0	0	0	0	0	3,318,800
			2023S	F	3,900,000	0	3,900,000	0	0	0	0	0	3,900,000	0	0	0	0	0	3,900,000
			2024S	F	4,250,000	0	4,250,000	0	0	0	0	0	0	4,250,000	0	0	0	0	4,250,000
			EW660	A	1,160,076	618,051	542,025	542,025	0	0	0	0	0	0	0	0	0	0	542,025
			FUT-S	F	97,538,364	0	97,538,364	0	0	0	0	0	0	0	56,837,069	27,630,096	13,071,199	0	97,538,364
TOTAL - 102192					114,967,240	618,051	114,349,189	542,025	1,100,000	1,800,000	1,900,000	3,318,800	3,900,000	4,250,000	56,837,069	27,630,096	13,071,199	0	114,349,189
1049	102201	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	2019S	F	385,000	0	385,000	0	385,000	0	0	0	0	0	0	0	0	0	385,000
			2020S	F	665,000	0	665,000	0	0	665,000	0	0	0	0	0	0	0	0	665,000
			2021S	F	700,000	0	700,000	0	0	0	700,000	0	0	0	0	0	0	0	700,000
			2022S	F	1,050,000	0	1,050,000	0	0	0	0	1,050,000	0	0	0	0	0	0	1,050,000
			2023S	F	8,295,000	0	8,295,000	0	0	0	0	0	8,295,000	0	0	0	0	0	8,295,000
			2024S	F	4,800,000	0	4,800,000	0	0	0	0	0	0	4,800,000	0	0	0	0	4,800,000
			EW660	A	105,000	0	105,000	105,000	0	0	0	0	0	0	0	0	0	0	105,000
TOTAL - 102201					16,000,000	0	16,000,000	105,000	385,000	665,000	700,000	1,050,000	8,295,000	4,800,000	0	0	0	0	16,000,000
1049	102202	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	2019S	F	245,000	0	245,000	0	245,000	0	0	0	0	0	0	0	0	0	245,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1049	102202	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	2020S	F	525,000	0	525,000	0	0	525,000	0	0	0	0	0	0	0	0	0	525,000
			2021S	F	700,000	0	700,000	0	0	0	700,000	0	0	0	0	0	0	0	0	700,000
			2022S	F	1,050,000	0	1,050,000	0	0	0	0	1,050,000	0	0	0	0	0	0	0	1,050,000
			2023S	F	2,275,000	0	2,275,000	0	0	0	0	0	2,275,000	0	0	0	0	0	0	2,275,000
			2024S	F	2,100,000	0	2,100,000	0	0	0	0	0	0	2,100,000	0	0	0	0	0	2,100,000
			EW660	A	105,000	0	105,000	105,000	0	0	0	0	0	0	0	0	0	0	0	105,000
		TOTAL - 102202			7,000,000	0	7,000,000	105,000	245,000	525,000	700,000	1,050,000	2,275,000	2,100,000	0	0	0	0	0	7,000,000
1049	102213	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	2019S	F	536,108	0	536,108	0	536,108	0	0	0	0	0	0	0	0	0	0	536,108
			2020S	F	887,600	0	887,600	0	0	887,600	0	0	0	0	0	0	0	0	0	887,600
			2021S	F	1,050,000	0	1,050,000	0	0	0	1,050,000	0	0	0	0	0	0	0	0	1,050,000
			2022S	F	1,225,000	0	1,225,000	0	0	0	0	1,225,000	0	0	0	0	0	0	0	1,225,000
			2023S	F	3,759,000	0	3,759,000	0	0	0	0	0	3,759,000	0	0	0	0	0	0	3,759,000
			2024S	F	7,558,109	0	7,558,109	0	0	0	0	0	0	7,558,109	0	0	0	0	0	7,558,109
			EW660	A	176,896	0	176,896	176,896	0	0	0	0	0	0	0	0	0	0	0	176,896
			FUT-S	F	10,000,985	0	10,000,985	0	0	0	0	0	0	0	10,000,985	0	0	0	0	10,000,985
		TOTAL - 102213			25,193,698	0	25,193,698	176,896	536,108	887,600	1,050,000	1,225,000	3,759,000	7,558,109	10,000,985	0	0	0	0	25,193,698
1049	102225	PS #1 (4ST.) REPLACE ELECTRICAL SWITCHGEAR AND MCCS	2024S	F	1,500,000	0	1,500,000	0	0	0	0	0	0	1,500,000	0	0	0	0	0	1,500,000
		TOTAL - 102225			1,500,000	0	1,500,000	0	0	0	0	0	0	1,500,000	0	0	0	0	0	1,500,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1049	102226	PS #3 RECONFIGURE ELECTRICAL SYSTEM TO ACCEPT 2000KW 4160 VOLT PORTABLE GENERATOR	2019S	F	390,000	0	390,000	0	390,000	0	0	0	0	0	0	0	0	0	0	390,000
			EW660	A	910,000	0	910,000	910,000	0	0	0	0	0	0	0	0	0	0	0	910,000
		TOTAL - 102226			1,300,000	0	1,300,000	910,000	390,000	0	0	0	0	0	0	0	0	0	0	1,300,000
		TOTAL - 1049			335,851,137	50,621,970	285,229,167	8,206,273	15,991,314	18,177,408	16,753,379	21,453,002	40,245,109	36,754,715	77,196,671	35,030,097	15,421,199	0	285,229,167	
		TOTAL - Wastewater			5,989,976,997	918,551,200	5,071,425,798	385,207,492	445,531,179	521,504,524	554,434,778	603,160,406	649,421,275	596,017,262	605,689,307	326,184,512	384,275,060	0	5,071,425,795	



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
		REPORT TOTAL			5,989,976,997	918,551,200	5,071,425,798	385,207,492	445,531,179	521,504,524	554,434,778	603,160,406	649,421,275	596,017,262	605,689,307	326,184,512	384,275,060	0	5,071,425,795

**WATER
EXPENDITURE PROJECTIONS
PROJECT/SUB-PROJECT**



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1050	101711	HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING ON REDUNDANT 72-INCH WATER MAIN	14,834,138	555,890	14,278,248	720,122	4,633,185	7,500,000	1,424,941	0	0	0	0	0	0	0	14,278,248
	102104	FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP	3,000,000	0	3,000,000	1,822,060	1,177,940	0	0	0	0	0	0	0	0	0	3,000,000
	102106	HYPOCHLORITE FEED/STORAGE AT PRESTON/HIALEAH WTP	5,886,305	549,044	5,337,261	251,700	3,566,810	1,518,751	0	0	0	0	0	0	0	0	5,337,261
	102110	HIALEAH/PRESTON REPLACEMENT OF UNDERDRAIN FILTERS	3,200,000	0	3,200,000	360,156	2,839,844	0	0	0	0	0	0	0	0	0	3,200,000
	102127	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	4,967,243	802,764	4,164,479	2,868,923	1,295,556	0	0	0	0	0	0	0	0	0	4,164,479
	102134	PURCHASE OF LAKE PROPERTY ADJACENT TO NORTHWEST WELLFIELD	7,604,457	102,657	7,501,800	4,256,798	3,245,002	0	0	0	0	0	0	0	0	0	7,501,800
	102170	HIALEAH/PRESTON WTP FEEDER/MOTOR EAST & WEST CONTROL CENTER	2,000,000	0	2,000,000	500,000	1,500,000	0	0	0	0	0	0	0	0	0	2,000,000
	102171	HIALEAH/PRESTON WTP TRANSFORMER	1,500,000	0	1,500,000	0	0	0	489,208	1,010,792	0	0	0	0	0	0	1,500,000
	102173	PRESTON WTP HS PUMP ROOM SWITCHGEAR	3,500,000	0	3,500,000	400,000	3,100,000	0	0	0	0	0	0	0	0	0	3,500,000
		TOTAL - 1050	46,492,143	2,010,355	44,481,788	11,179,759	21,358,337	9,018,751	1,914,149	1,010,792	0	0	0	0	0	0	44,481,788
1051	101577	ORR WTP - 48" FINISHED WATER LINE (AREA M)	64,218,739	247,935	63,970,804	0	0	2,521,160	2,790,046	10,818,804	24,902,747	22,938,047	0	0	0	0	63,970,804



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1051	101579	ORR WTP - PUMPING UNIT No. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	11,088,933	601,657	10,487,276	1,516,621	4,052,703	2,458,976	2,458,976	0	0	0	0	0	0	0	10,487,276
	101694	ORR WTP - SWITCHGEAR BUILDING AND DUCT BANK W830 PHASE 1 AND PHASE 2	14,107,579	7,092,662	7,014,917	5,706,795	655,003	653,119	0	0	0	0	0	0	0	0	7,014,917
	101882	4 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	3,893,745	233,719	3,660,026	268,531	236,208	73,975	74,047	3,007,266	0	0	0	0	0	0	3,660,027
	101883	ALEXANDER ORR, JR. LIME PLANT REHABILITATION	846,054	200,436	645,618	322,809	322,809	0	0	0	0	0	0	0	0	0	645,618
	101945	HIGH SERVICE PUMP AND MOTOR IMPROVEMENTS WEST ROOM - VFD	7,000,000	0	7,000,000	800,000	200,000	1,450,000	3,550,000	1,000,000	0	0	0	0	0	0	7,000,000
	101946	HYDROTREATOR DRIVES ASSEMBLES AND MOTORS	1,500,000	584,413	915,587	876,891	38,696	0	0	0	0	0	0	0	0	0	915,587
	102107	HYPOCHLORITE FEED/STORAGE AT ORR WTP	5,949,800	127,655	5,822,145	2,500,000	3,322,145	0	0	0	0	0	0	0	0	0	5,822,145
	102167	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	8,400,000	330,132	8,069,868	2,026,618	3,789,437	2,253,813	0	0	0	0	0	0	0	0	8,069,868
	102169	A. ORR WTP PUMP ROOM FOR SOFTENER CLUSTERS 1-8 AND 11-14	700,000	0	700,000	343,915	356,085	0	0	0	0	0	0	0	0	0	700,000
	102175	ALEXANDER ORR WATER TESTING LABORATORY	10,858,454	86,863	10,771,591	701,282	2,489,260	4,452,992	3,128,057	0	0	0	0	0	0	0	10,771,591
	TOTAL - 1051		128,563,304	9,505,471	119,057,833	15,063,462	15,462,346	13,864,035	12,001,126	14,826,070	24,902,747	22,938,047	0	0	0	0	119,057,833



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Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS										Future	Total
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028		
1053	101540	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	14,803,364	6,670,647	8,132,717	3,413,049	2,719,668	2,000,000	0	0	0	0	0	0	0	0	8,132,717
	102116	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	1,006,056	59,931	946,125	0	0	0	0	8,138	551,494	386,493	0	0	0	0	946,125
	102197	PORT OF MIAMI WATER SUPPLY LINE	36,811,660	11,599,868	25,211,792	8,491,597	9,220,000	7,500,195	0	0	0	0	0	0	0	0	25,211,792
	102227	INSTALL OF 54-INCH WM ALONG RED ROAD (W 4TH AVE), FROM W 21ST ST TO W 53RD ST	42,599,093	301,488	42,297,605	1,167,050	5,663,320	21,744,550	12,000,000	1,722,685	0	0	0	0	0	0	42,297,605
	103004	REPLACEMENT OF 6,000 LF OF CORRODED 8", 12", 16" WM ALONG NE 36 CT / TURNBERRY WAY FROM WILLIAM LEHMAN	2,843,528	0	2,843,528	480,000	1,000,000	1,000,000	363,528	0	0	0	0	0	0	0	2,843,528
		TOTAL - 1053	98,063,701	18,631,933	79,431,768	13,551,696	18,602,988	32,244,745	12,363,528	1,730,823	551,494	386,493	0	0	0	0	79,431,767
1054	101441	54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)	10,710,779	265,636	10,445,143	0	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	0	0	0	10,445,143
		TOTAL - 1054	10,710,779	265,636	10,445,143	0	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	0	0	0	10,445,143
1055	102016	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	5,163,420	0	5,163,420	400,000	500,000	379,328	3,735,428	148,664	0	0	0	0	0	0	5,163,420
		TOTAL - 1055	5,163,420	0	5,163,420	400,000	500,000	379,328	3,735,428	148,664	0	0	0	0	0	0	5,163,420
1056	101474	SPECIAL CONSTRUCTION - WATER IMPROVEMENTS - LOCKER ROOMS	4,320,753	320,753	4,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	0	4,000,000



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Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS										Future	Total
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028		
TOTAL - 1056			4,320,753	320,753	4,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	0	4,000,000
1059	101084	MIAMI SERVICE FACILITY - (PHASE 1)	1,064,685	0	1,064,685	0	0	0	0	0	0	0	0	0	1,064,685	0	1,064,685
	101505	SOUTH MAINTENANCE CENTER	23,721,660	394,173	23,327,487	0	0	0	0	0	0	0	0	0	23,327,487	0	23,327,487
	101507	NORTH MAINTENANCE CENTER	10,116,520	0	10,116,520	0	0	0	0	0	0	0	0	250,000	9,866,520	0	10,116,520
	101547	MIAMI SERVICE FACILITY (PHASE 2)	12,210,998	0	12,210,998	0	0	0	0	0	0	0	2,929,251	9,281,747	0	0	12,210,998
	101888	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	1,300,000	0	1,300,000	0	0	0	0	0	0	0	0	135,000	1,165,000	0	1,300,000
TOTAL - 1059			48,413,863	394,173	48,019,690	0	0	0	0	0	0	0	2,929,251	9,666,747	35,423,692	0	48,019,690
1060	100786	WATER DISTRIBUTION SYSTEM EXTENSION	14,350,386	3,313,507	11,036,879	7,605,520	3,131,359	300,000	0	0	0	0	0	0	0	0	11,036,879
	101734	WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA's	85,294,907	46,767,738	38,527,169	10,000,000	7,535,303	3,159,944	6,035,279	6,296,644	2,000,000	2,000,000	1,500,000	0	0	0	38,527,170
	102111	12/16 INCH WATER MAINS IN S. MIAMI-DADE AREA E	4,862,026	0	4,862,026	329,538	2,532,488	2,000,000	0	0	0	0	0	0	0	0	4,862,026
	102140	FURNISH AND INSTALL 48-INCH WATER MAIN IN SW 117 AVE, SW 72 ST, SW 127 AVE FROM SW 68 ST. TO SW 152 ST. (AREA N)	47,269,505	6,303,440	40,966,065	3,746,554	5,209,421	7,010,090	8,500,000	6,500,000	5,500,000	4,500,000	0	0	0	0	40,966,065



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Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1060	102196	LONG TERM PARKING FOR WATER DISTRIBUTION EMPLOYEES	6,477,855	0	6,477,855	1,800,000	2,677,855	2,000,000	0	0	0	0	0	0	0	0	0	6,477,855
TOTAL - 1060			158,254,679	56,384,685	101,869,994	23,481,612	21,086,426	14,470,034	14,535,279	12,796,644	7,500,000	6,500,000	1,500,000	0	0	0	0	101,869,995
1063	100789	FIRE HYDRANT INSTALLATION AND RELATED SYSTEM BETTERMENTS	26,700,778	1,968,306	24,732,472	3,283,130	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	6,449,342	0	0	0	0	24,732,472
TOTAL - 1063			26,700,778	1,968,306	24,732,472	3,283,130	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	6,449,342	0	0	0	0	24,732,472
1064	100790	MISCELLANEOUS TOOLS AND EQUIPMENT	20,938,457	6,276,965	14,661,492	387,870	2,273,622	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	0	14,661,492
101724		HEAVY CONSTRUCTION EQUIPMENT	36,125,636	8,959,374	27,166,262	1,835,224	4,331,038	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	0	27,166,262
101725		VEHICLES/TRANSPORTATION EQUIPMENT	26,897,355	6,474,895	20,422,460	3,227,982	2,194,478	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	0	20,422,460
102027		AUTOMATED METER READING (AMR)	120,288,814	288,814	120,000,000	0	1,500,000	2,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	95,000,000	0	0	120,000,000
TOTAL - 1064			204,250,262	22,000,048	182,250,214	5,451,076	10,299,138	10,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	3,500,000	95,000,000	0	0	182,250,214
1065	101601	WATER DISTRIBUTION SYSTEM ENHANCEMENTS	12,785,500	5,546,500	7,239,000	50,000	150,000	144,500	0	0	0	6,894,500	0	0	0	0	0	7,239,000
101602		WATER DISTRIBUTION SYSTEM NEEDS ASSESSMENT	11,060,000	8,352,000	2,708,000	297,600	1,115,200	631,200	403,200	260,800	0	0	0	0	0	0	0	2,708,000
TOTAL - 1065			23,845,500	13,898,500	9,947,000	347,600	1,265,200	775,700	403,200	260,800	0	6,894,500	0	0	0	0	0	9,947,000



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Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1066	100792	WATER PLANTS REHABILITATION	41,380,189	3,443,271	37,936,918	11,006,175	17,930,743	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	0	0	0	37,936,918
	101714	SECURITY PROJECTS	11,230,249	3,395,228	7,835,021	5,060,604	0	0	229,313	1,000,000	1,000,000	545,104	0	0	0	0	7,835,021
	TOTAL - 1066		52,610,438	6,838,499	45,771,939	16,066,779	17,930,743	1,500,000	1,729,313	2,500,000	2,500,000	2,045,104	1,500,000	0	0	0	45,771,939
1067	100793	WATER SYSTEM UPGRADES	142,709,362	13,084,337	129,625,025	21,439,525	18,185,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	0	0	0	129,625,025
	TOTAL - 1067		142,709,362	13,084,337	129,625,025	21,439,525	18,185,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	0	0	0	129,625,025
1070	101470	WATER TREATMENT PLANTS AND WELLFIELDS - SCADA SYSTEM	2,246,784	368,944	1,877,840	1,377,840	500,000	0	0	0	0	0	0	0	0	0	1,877,840
	TOTAL - 1070		2,246,784	368,944	1,877,840	1,377,840	500,000	0	0	0	0	0	0	0	0	0	1,877,840
1075	101891	NEW NWWF HIGH SERVICE PUMP STATION	43,250,000	0	43,250,000	0	0	0	0	0	0	0	20,000,000	23,250,000	0	0	43,250,000
	102135	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	31,874,878	3,346,612	28,528,266	1,246,366	3,647,383	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	0	0	0	0	28,528,265
	102176	MONITORING WELL INSTALLATION	750,000	0	750,000	500,000	250,000	0	0	0	0	0	0	0	0	0	750,000
	TOTAL - 1075		75,874,878	3,346,612	72,528,266	1,746,366	3,897,383	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	20,000,000	23,250,000	0	0	72,528,265
1077	102021	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	41,768,544	21,446,613	20,321,931	1,298,741	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	0	0	0	20,321,931



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Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS										Future	Total
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028		
		TOTAL - 1077	41,768,544	21,446,613	20,321,931	1,298,741	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	0	0	0	20,321,931
1078	101368	TELEMETERING SYSTEM - WATER	8,412,114	1,616,537	6,795,577	317,500	141,000	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	6,795,577
		TOTAL - 1078	8,412,114	1,616,537	6,795,577	317,500	141,000	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	6,795,577
1080	101879	INSTALLATION OF 36 INCH DI WATER MAIN IN NW 87TH AVE. FROM NW 170 ST. TO 102 AVE.	6,867,097	5,678,655	1,188,442	1,188,442	0	0	0	0	0	0	0	0	0	0	1,188,442
	102182	CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP	4,000,000	0	4,000,000	1,000,000	1,200,000	1,000,000	800,000	0	0	0	0	0	0	0	4,000,000
		TOTAL - 1080	10,867,097	5,678,655	5,188,442	2,188,442	1,200,000	1,000,000	800,000	0	0	0	0	0	0	0	5,188,442
1081	101966	INSTALLATION OF 12-INCH DIWM ON EAST DRIVE FROM NW 36 ST. TO LABARON DR.	13,310,870	3,310,425	10,000,445	5,346,948	4,653,497	0	0	0	0	0	0	0	0	0	10,000,445
		TOTAL - 1081	13,310,870	3,310,425	10,000,445	5,346,948	4,653,497	0	0	0	0	0	0	0	0	0	10,000,445
1082	101969	WATER - PIPES AND INFRASTRUCTURE PROJECTS	98,730,190	26,743,242	71,986,948	9,359,566	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,627,382	8,000,000	0	0	0	71,986,948
	102178	36-INCH WATER MAIN NW 106 STREET	8,085,622	459,774	7,625,848	419,395	5,437,560	1,768,893	0	0	0	0	0	0	0	0	7,625,848
	102179	36-INCH WATER MAIN NW 135 STREET	15,486,254	775,687	14,710,567	612,380	3,489,966	4,508,221	3,750,000	2,350,000	0	0	0	0	0	0	14,710,567



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						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028		
		TOTAL - 1082	122,302,066	27,978,702	94,323,364	10,391,341	17,927,526	15,277,114	12,750,000	11,350,000	9,000,000	9,627,382	8,000,000	0	0	0	94,323,363
1084	101678	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	51,415,387	13,867,844	37,547,543	6,999,655	14,221,262	9,326,626	4,750,000	2,250,000	0	0	0	0	0	0	37,547,543
	102136	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE A	14,011,275	12,397,405	1,613,870	1,613,870	0	0	0	0	0	0	0	0	0	0	1,613,870
	102137	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	31,075,601	13,227,869	17,847,732	1,449,400	2,380,085	3,500,000	6,118,247	4,400,000	0	0	0	0	0	0	17,847,732
	102139	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE I IN SW 147th AVE AND SW 157th AVE BETWEEN SW 288th ST & SW 297th ST	5,265,239	0	5,265,239	1,254,231	1,511,008	2,500,000	0	0	0	0	0	0	0	0	5,265,239
	102141	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE B	15,955,062	9,993,974	5,961,088	5,961,088	0	0	0	0	0	0	0	0	0	0	5,961,088
	102142	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	37,899,268	5,499,269	32,399,999	2,065,625	4,180,237	5,658,484	7,500,000	6,500,000	5,400,000	1,095,653	0	0	0	0	32,399,999
	102143	REPLACE UNDERSIZED WATER MAINS DOUGHNUT HOLE	12,734,026	340,509	12,393,517	793,207	1,670,855	2,429,455	7,500,000	0	0	0	0	0	0	0	12,393,517
	102144	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	4,000,000	0	4,000,000	0	0	0	0	0	1,000,000	1,000,000	1,000,000	1,000,000	0	0	4,000,000
	102193	WATER MASTER PLAN	3,000,000	387,796	2,612,204	187,204	2,000,000	425,000	0	0	0	0	0	0	0	0	2,612,204



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
1084	102198	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE II IN SW 147th AVE AND SW 152nd AVE BETWEEN SW 288th ST & SW 296th ST	2,959,573	0	2,959,573	2,413,781	545,792	0	0	0	0	0	0	0	0	0	2,959,573
	102243	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PHASE 1	96,115,935	218,403	95,897,532	2,188,730	3,846,071	4,163,823	7,676,395	20,814,030	19,107,714	15,000,000	13,500,000	9,600,769	0	0	95,897,532
	102244	LEAK DETECTION PROGRAM	35,000,000	0	35,000,000	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	0	0	35,000,000
		TOTAL - 1084	309,431,366	55,933,070	253,498,296	24,926,791	35,355,310	33,003,388	38,544,642	38,964,030	30,507,714	22,095,653	19,500,000	10,600,769	0	0	253,498,297
		TOTAL - Water	1,534,312,701	264,982,255	1,269,330,446	158,858,608	195,913,501	157,810,688	138,105,817	122,581,646	110,461,955	116,507,164	91,649,859	47,017,516	130,423,692	0	1,269,330,446

**WATER
EXPENDITURE PROJECTIONS
PROJECT/SUB-PROJECT
WITH FUNDS**



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS													
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total		
1050	101711	HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING ON REDUNDANT 72-INCH WATER MAIN	2019W	F	4,633,185	0	4,633,185	0	4,633,185	0	0	0	0	0	0	0	0	0	0	0	4,633,185
			2020W	F	7,500,000	0	7,500,000	0	0	7,500,000	0	0	0	0	0	0	0	0	0	0	7,500,000
			2021W	F	1,424,941	0	1,424,941	0	0	0	1,424,941	0	0	0	0	0	0	0	0	0	1,424,941
			EW258	A	142,832	142,832	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	1,133,180	413,058	720,122	720,122	0	0	0	0	0	0	0	0	0	0	0	0	720,122
		TOTAL - 101711			14,834,138	555,890	14,278,248	720,122	4,633,185	7,500,000	1,424,941	0	0	0	0	0	0	0	0	0	14,278,248
1050	102104	FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP	2019W	F	1,177,940	0	1,177,940	0	1,177,940	0	0	0	0	0	0	0	0	0	0	0	1,177,940
			EW260	A	1,822,060	0	1,822,060	1,822,060	0	0	0	0	0	0	0	0	0	0	0	0	1,822,060
		TOTAL - 102104			3,000,000	0	3,000,000	1,822,060	1,177,940	0	0	0	0	0	0	0	0	0	0	0	3,000,000
1050	102106	HYPOCHLORITE FEED/STORAGE AT PRESTON/HIALEAH WTP	2019W	F	3,566,810	0	3,566,810	0	3,566,810	0	0	0	0	0	0	0	0	0	0	0	3,566,810
			2020W	F	1,518,751	0	1,518,751	0	0	1,518,751	0	0	0	0	0	0	0	0	0	0	1,518,751
			EW258	A	309,114	309,114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	491,630	239,930	251,700	251,700	0	0	0	0	0	0	0	0	0	0	0	0	251,700
		TOTAL - 102106			5,886,305	549,044	5,337,261	251,700	3,566,810	1,518,751	0	0	0	0	0	0	0	0	0	0	5,337,261
1050	102110	HIALEAH/PRESTON REPLACEMENT OF UNDERDRAIN FILTERS	2019W	F	2,839,844	0	2,839,844	0	2,839,844	0	0	0	0	0	0	0	0	0	0	0	2,839,844
			EW260	A	360,156	0	360,156	360,156	0	0	0	0	0	0	0	0	0	0	0	0	360,156
		TOTAL - 102110			3,200,000	0	3,200,000	360,156	2,839,844	0	0	0	0	0	0	0	0	0	0	0	3,200,000

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1050	102127	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	2019W	F	1,295,556	0	1,295,556	0	1,295,556	0	0	0	0	0	0	0	0	0	0	1,295,556
			EW260	A	3,671,687	802,764	2,868,923	2,868,923	0	0	0	0	0	0	0	0	0	0	0	2,868,923
		TOTAL - 102127			4,967,243	802,764	4,164,479	2,868,923	1,295,556	0	0	0	0	0	0	0	0	0	0	4,164,479
1050	102134	PURCHASE OF LAKE PROPERTY ADJACENT TO NORTHWEST WELLFIELD	2019W	F	3,245,002	0	3,245,002	0	3,245,002	0	0	0	0	0	0	0	0	0	0	3,245,002
			EW260	A	4,359,455	102,657	4,256,798	4,256,798	0	0	0	0	0	0	0	0	0	0	0	4,256,798
		TOTAL - 102134			7,604,457	102,657	7,501,800	4,256,798	3,245,002	0	0	0	0	0	0	0	0	0	0	7,501,800
1050	102170	HIALEAH/PRESTON WTP FEEDER/MOTOR EAST & WEST CONTROL CENTER	2019W	F	1,500,000	0	1,500,000	0	1,500,000	0	0	0	0	0	0	0	0	0	0	1,500,000
			EW260	A	500,000	0	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0	500,000
		TOTAL - 102170			2,000,000	0	2,000,000	500,000	1,500,000	0	0	0	0	0	0	0	0	0	0	2,000,000
1050	102171	HIALEAH/PRESTON WTP TRANSFORMER	2021W	F	489,208	0	489,208	0	0	0	489,208	0	0	0	0	0	0	0	0	489,208
			2022W	F	1,010,792	0	1,010,792	0	0	0	0	1,010,792	0	0	0	0	0	0	0	1,010,792
		TOTAL - 102171			1,500,000	0	1,500,000	0	0	0	489,208	1,010,792	0	0	0	0	0	0	0	1,500,000
1050	102173	PRESTON WTP HS PUMP ROOM SWITCHGEAR	2019W	F	3,100,000	0	3,100,000	0	3,100,000	0	0	0	0	0	0	0	0	0	0	3,100,000
			EW260	A	400,000	0	400,000	400,000	0	0	0	0	0	0	0	0	0	0	0	400,000
		TOTAL - 102173			3,500,000	0	3,500,000	400,000	3,100,000	0	0	0	0	0	0	0	0	0	0	3,500,000
		TOTAL - 1050			46,492,143	2,010,355	44,481,788	11,179,759	21,358,337	9,018,751	1,914,149	1,010,792	0	0	0	0	0	0	0	44,481,788
1051	101577	ORR WTP - 48" FINISHED WATER LINE (AREA M)	2020W	F	2,521,160	0	2,521,160	0	0	2,521,160	0	0	0	0	0	0	0	0	0	2,521,160
			2021W	F	2,790,046	0	2,790,046	0	0	0	2,790,046	0	0	0	0	0	0	0	0	2,790,046



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1051	101577	ORR WTP - 48" FINISHED WATER LINE (AREA M)	2022W	F	10,818,804	0	10,818,804	0	0	0	0	10,818,804	0	0	0	0	0	0	0	10,818,804
			2023W	F	24,902,747	0	24,902,747	0	0	0	0	0	24,902,747	0	0	0	0	0	0	24,902,747
			2024W	F	22,938,047	0	22,938,047	0	0	0	0	0	0	22,938,047	0	0	0	0	0	22,938,047
			EW260	A	247,935	247,935	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 101577			64,218,739	247,935	63,970,804	0	0	2,521,160	2,790,046	10,818,804	24,902,747	22,938,047	0	0	0	0	0	63,970,804
1051	101579	ORR WTP - PUMPING UNIT No. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	2019W	F	4,052,703	0	4,052,703	0	4,052,703	0	0	0	0	0	0	0	0	0	0	4,052,703
			2020W	F	2,458,976	0	2,458,976	0	0	2,458,976	0	0	0	0	0	0	0	0	0	2,458,976
			2021W	F	2,458,976	0	2,458,976	0	0	0	2,458,976	0	0	0	0	0	0	0	0	2,458,976
			EW221	A	1,342,646	592,646	750,000	750,000	0	0	0	0	0	0	0	0	0	0	0	750,000
			EW260	A	775,632	9,011	766,621	766,621	0	0	0	0	0	0	0	0	0	0	0	766,621
		TOTAL - 101579			11,088,933	601,657	10,487,276	1,516,621	4,052,703	2,458,976	2,458,976	0	0	0	0	0	0	0	0	10,487,276
1051	101694	ORR WTP - SWITCHGEAR BUILDING AND DUCT BANK W830 PHASE 1 AND PHASE 2	2019W	F	655,003	0	655,003	0	655,003	0	0	0	0	0	0	0	0	0	0	655,003
			2020W	F	653,119	0	653,119	0	0	653,119	0	0	0	0	0	0	0	0	0	653,119
			EW221	A	6,557,502	6,542,585	14,917	14,917	0	0	0	0	0	0	0	0	0	0	0	14,917
			EW260	A	6,241,955	550,077	5,691,878	5,691,878	0	0	0	0	0	0	0	0	0	0	0	5,691,878
		TOTAL - 101694			14,107,579	7,092,662	7,014,917	5,706,795	655,003	653,119	0	0	0	0	0	0	0	0	0	7,014,917
1051	101882	4 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	2019W	F	236,208	0	236,208	0	236,208	0	0	0	0	0	0	0	0	0	0	236,208
			2020W	F	73,975	0	73,975	0	0	73,975	0	0	0	0	0	0	0	0	0	73,975
			2021W	F	74,047	0	74,047	0	0	0	74,047	0	0	0	0	0	0	0	0	74,047

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Water

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1051	101882	4 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	2022W	F	3,007,266	0	3,007,266	0	0	0	0	3,007,266	0	0	0	0	0	0	0	3,007,266
			EW258	A	24,812	24,812	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	477,437	208,906	268,531	268,531	0	0	0	0	0	0	0	0	0	0	0	268,531
		TOTAL - 101882			3,893,745	233,719	3,660,026	268,531	236,208	73,975	74,047	3,007,266	0	0	0	0	0	0	0	3,660,027
1051	101883	ALEXANDER ORR, JR. LIME PLANT REHABILITATION	2019W	F	322,809	0	322,809	0	322,809	0	0	0	0	0	0	0	0	0	0	322,809
			EW258	A	106,224	106,224	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	417,021	94,212	322,809	322,809	0	0	0	0	0	0	0	0	0	0	0	322,809
		TOTAL - 101883			846,054	200,436	645,618	322,809	322,809	0	0	0	0	0	0	0	0	0	0	645,618
1051	101945	HIGH SERVICE PUMP AND MOTOR IMPROVEMENTS WEST ROOM - VFD	2019W	F	200,000	0	200,000	0	200,000	0	0	0	0	0	0	0	0	0	0	200,000
			2020W	F	1,450,000	0	1,450,000	0	0	1,450,000	0	0	0	0	0	0	0	0	0	1,450,000
			2021W	F	3,550,000	0	3,550,000	0	0	0	3,550,000	0	0	0	0	0	0	0	0	3,550,000
			2022W	F	1,000,000	0	1,000,000	0	0	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000
			EW260	A	800,000	0	800,000	800,000	0	0	0	0	0	0	0	0	0	0	0	800,000
		TOTAL - 101945			7,000,000	0	7,000,000	800,000	200,000	1,450,000	3,550,000	1,000,000	0	0	0	0	0	0	0	7,000,000
1051	101946	HYDROTREATOR DRIVES ASSEMBLES AND MOTORS	2019W	F	38,696	0	38,696	0	38,696	0	0	0	0	0	0	0	0	0	0	38,696
			EW260	A	1,461,304	584,413	876,891	876,891	0	0	0	0	0	0	0	0	0	0	0	876,891
		TOTAL - 101946			1,500,000	584,413	915,587	876,891	38,696	0	0	0	0	0	0	0	0	0	0	915,587
1051	102107	HYPOCHLORITE FEED/STORAGE AT ORR WTP	2019W	F	3,322,145	0	3,322,145	0	3,322,145	0	0	0	0	0	0	0	0	0	0	3,322,145
			EW258	A	127,368	127,368	0	0	0	0	0	0	0	0	0	0	0	0	0	0



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS													
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total		
1051	102107	HYPOCHLORITE FEED/STORAGE AT ORR WTP	EW260	A	2,500,287	287	2,500,000	2,500,000	0	0	0	0	0	0	0	0	0	0	0	0	2,500,000
TOTAL - 102107					5,949,800	127,655	5,822,145	2,500,000	3,322,145	0	0	0	0	0	0	0	0	0	0	0	5,822,145
1051	102167	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	2019W	F	3,789,437	0	3,789,437	0	3,789,437	0	0	0	0	0	0	0	0	0	0	0	3,789,437
			2020W	F	2,253,813	0	2,253,813	0	0	2,253,813	0	0	0	0	0	0	0	0	0	0	2,253,813
			EW260	A	2,356,750	330,132	2,026,618	2,026,618	0	0	0	0	0	0	0	0	0	0	0	0	2,026,618
TOTAL - 102167					8,400,000	330,132	8,069,868	2,026,618	3,789,437	2,253,813	0	0	0	0	0	0	0	0	0	0	8,069,868
1051	102169	A. ORR WTP PUMP ROOM FOR SOFTENER CLUSTERS 1-8 AND 11-14	2019W	F	356,085	0	356,085	0	356,085	0	0	0	0	0	0	0	0	0	0	0	356,085
			EW260	A	343,915	0	343,915	343,915	0	0	0	0	0	0	0	0	0	0	0	0	343,915
TOTAL - 102169					700,000	0	700,000	343,915	356,085	0	0	0	0	0	0	0	0	0	0	0	700,000
1051	102175	ALEXANDER ORR WATER TESTING LABORATORY	2019W	F	2,489,260	0	2,489,260	0	2,489,260	0	0	0	0	0	0	0	0	0	0	0	2,489,260
			2020W	F	4,452,992	0	4,452,992	0	0	4,452,992	0	0	0	0	0	0	0	0	0	0	4,452,992
			2021W	F	3,128,057	0	3,128,057	0	0	0	3,128,057	0	0	0	0	0	0	0	0	0	3,128,057
			EW258	A	31,205	31,205	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	756,940	55,658	701,282	701,282	0	0	0	0	0	0	0	0	0	0	0	0	701,282
TOTAL - 102175					10,858,454	86,863	10,771,591	701,282	2,489,260	4,452,992	3,128,057	0	0	0	0	0	0	0	0	0	10,771,591
TOTAL - 1051					128,563,304	9,505,471	119,057,833	15,063,462	15,462,346	13,864,035	12,001,126	14,826,070	24,902,747	22,938,047	0	0	0	0	0	0	119,057,833
1053	101540	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	2019W	F	2,719,668	0	2,719,668	0	2,719,668	0	0	0	0	0	0	0	0	0	0	0	2,719,668
			2020W	F	2,000,000	0	2,000,000	0	0	2,000,000	0	0	0	0	0	0	0	0	0	0	2,000,000

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**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS													
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total		
1053	101540	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	EW260	A	10,083,696	6,670,647	3,413,049	3,413,049	0	0	0	0	0	0	0	0	0	0	0	0	3,413,049
TOTAL - 101540					14,803,364	6,670,647	8,132,717	3,413,049	2,719,668	2,000,000	0	0	0	0	0	0	0	0	0	0	8,132,717
1053	102116	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	2022W	F	8,138	0	8,138	0	0	0	0	8,138	0	0	0	0	0	0	0	0	8,138
			2023W	F	551,494	0	551,494	0	0	0	0	0	551,494	0	0	0	0	0	0	0	551,494
			2024W	F	386,493	0	386,493	0	0	0	0	0	386,493	0	0	0	0	0	0	0	386,493
			EW260	A	59,931	59,931	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL - 102116					1,006,056	59,931	946,125	0	0	0	0	8,138	551,494	386,493	0	0	0	0	0	0	946,125
1053	102197	PORT OF MIAMI WATER SUPPLY LINE	2020W	F	7,211,792	0	7,211,792	0	0	7,211,792	0	0	0	0	0	0	0	0	0	0	7,211,792
			EW223	A	29,599,868	11,599,868	18,000,000	8,491,597	9,220,000	288,403	0	0	0	0	0	0	0	0	0	0	18,000,000
TOTAL - 102197					36,811,660	11,599,868	25,211,792	8,491,597	9,220,000	7,500,195	0	0	0	0	0	0	0	0	0	0	25,211,792
1053	102227	INSTALL OF 54-INCH WM ALONG RED ROAD (W 4TH AVE), FROM W 21ST ST TO W 53RD ST	2019W	F	5,663,320	0	5,663,320	0	5,663,320	0	0	0	0	0	0	0	0	0	0	0	5,663,320
			2020W	F	21,744,550	0	21,744,550	0	0	21,744,550	0	0	0	0	0	0	0	0	0	0	21,744,550
			2021W	F	12,000,000	0	12,000,000	0	0	0	12,000,000	0	0	0	0	0	0	0	0	0	12,000,000
			2022W	F	1,722,685	0	1,722,685	0	0	0	0	1,722,685	0	0	0	0	0	0	0	0	1,722,685
			EW260	A	1,468,538	301,488	1,167,050	1,167,050	0	0	0	0	0	0	0	0	0	0	0	0	1,167,050
TOTAL - 102227					42,599,093	301,488	42,297,605	1,167,050	5,663,320	21,744,550	12,000,000	1,722,685	0	0	0	0	0	0	0	0	42,297,605
1053	103004	REPLACEMENT OF 6,000 LF OF CORRODED 8", 12", 16" WM ALONG NE 36 CT / TURNBERRY WAY FROM WILLIAM LEHMAN	2019W	F	1,000,000	0	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0	0	0	1,000,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1053	103004	REPLACEMENT OF 6,000 LF OF CORRODED 8", 12", 16" WM ALONG NE 36 CT / TURNBERRY WAY FROM WILLIAM LEHMAN	2020W	F	1,000,000	0	1,000,000	0	0	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
			2021W	F	363,528	0	363,528	0	0	0	363,528	0	0	0	0	0	0	0	0	363,528
			EW221	A	240,000	0	240,000	240,000	0	0	0	0	0	0	0	0	0	0	0	240,000
			EW260	A	240,000	0	240,000	240,000	0	0	0	0	0	0	0	0	0	0	0	240,000
		TOTAL - 103004			2,843,528	0	2,843,528	480,000	1,000,000	1,000,000	363,528	0	0	0	0	0	0	0	0	2,843,528
		TOTAL - 1053			98,063,701	18,631,933	79,431,768	13,551,696	18,602,988	32,244,745	12,363,528	1,730,823	551,494	386,493	0	0	0	0	0	79,431,767
1054	101441	54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)	2021W	F	254,069	0	254,069	0	0	0	254,069	0	0	0	0	0	0	0	0	254,069
			2022W	F	699,823	0	699,823	0	0	0	0	699,823	0	0	0	0	0	0	0	699,823
			2023W	F	1,000,000	0	1,000,000	0	0	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000
			2024W	F	4,219,985	0	4,219,985	0	0	0	0	0	0	4,219,985	0	0	0	0	0	4,219,985
			EW221	A	265,636	265,636	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			FUT-W	F	4,271,266	0	4,271,266	0	0	0	0	0	0	0	4,271,266	0	0	0	0	4,271,266
		TOTAL - 101441			10,710,779	265,636	10,445,143	0	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	0	0	0	0	10,445,143
		TOTAL - 1054			10,710,779	265,636	10,445,143	0	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	0	0	0	0	10,445,143
1055	102016	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	2019W	F	500,000	0	500,000	0	500,000	0	0	0	0	0	0	0	0	0	0	500,000
			2020W	F	379,328	0	379,328	0	0	379,328	0	0	0	0	0	0	0	0	0	379,328
			2021W	F	3,735,428	0	3,735,428	0	0	0	3,735,428	0	0	0	0	0	0	0	0	3,735,428



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As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1055	102016	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	2022W	F	148,664	0	148,664	0	0	0	0	148,664	0	0	0	0	0	0	0	148,664
			EW260	A	400,000	0	400,000	400,000	0	0	0	0	0	0	0	0	0	0	0	400,000
		TOTAL - 102016			5,163,420	0	5,163,420	400,000	500,000	379,328	3,735,428	148,664	0	0	0	0	0	0	0	5,163,420
		TOTAL - 1055			5,163,420	0	5,163,420	400,000	500,000	379,328	3,735,428	148,664	0	0	0	0	0	0	0	5,163,420
1056	101474	SPECIAL CONSTRUCTION - WATER IMPROVEMENTS - LOCKER ROOMS	EW224	A	4,320,753	320,753	4,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	0	0	4,000,000
		TOTAL - 101474			4,320,753	320,753	4,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	0	0	4,000,000
		TOTAL - 1056			4,320,753	320,753	4,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	0	0	4,000,000
1059	101084	MIAMI SERVICE FACILITY - (PHASE 1)	FUT-W	F	1,064,685	0	1,064,685	0	0	0	0	0	0	0	0	0	0	1,064,685	0	1,064,685
		TOTAL - 101084			1,064,685	0	1,064,685	0	0	0	0	0	0	0	0	0	0	1,064,685	0	1,064,685
1059	101505	SOUTH MAINTENANCE CENTER	EW258	A	277,317	277,317	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	116,856	116,856	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			FUT-W	F	23,327,487	0	23,327,487	0	0	0	0	0	0	0	0	0	0	23,327,487	0	23,327,487
		TOTAL - 101505			23,721,660	394,173	23,327,487	0	0	0	0	0	0	0	0	0	0	23,327,487	0	23,327,487
1059	101507	NORTH MAINTENANCE CENTER	FUT-W	F	10,116,520	0	10,116,520	0	0	0	0	0	0	0	0	250,000	9,866,520	0	0	10,116,520
		TOTAL - 101507			10,116,520	0	10,116,520	0	0	0	0	0	0	0	0	250,000	9,866,520	0	0	10,116,520
1059	101547	MIAMI SERVICE FACILITY (PHASE 2)	FUT-W	F	12,210,998	0	12,210,998	0	0	0	0	0	0	2,929,251	9,281,747	0	0	0	0	12,210,998
		TOTAL - 101547			12,210,998	0	12,210,998	0	0	0	0	0	0	2,929,251	9,281,747	0	0	0	0	12,210,998



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As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1059	101888	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	FUT-W	F	1,300,000	0	1,300,000	0	0	0	0	0	0	0	0	0	135,000	1,165,000	0	1,300,000
TOTAL - 101888					1,300,000	0	1,300,000	0	0	0	0	0	0	0	0	0	135,000	1,165,000	0	1,300,000
TOTAL - 1059					48,413,863	394,173	48,019,690	0	0	0	0	0	0	0	2,929,251	9,666,747	35,423,692	0	48,019,690	
1060	100786	WATER DISTRIBUTION SYSTEM EXTENSION	2019W	F	400,000	0	400,000	0	400,000	0	0	0	0	0	0	0	0	0	0	400,000
			2020W	F	300,000	0	300,000	0	0	300,000	0	0	0	0	0	0	0	0	0	300,000
			EW221	A	13,153,840	3,241,792	9,912,048	7,180,689	2,731,359	0	0	0	0	0	0	0	0	0	0	9,912,048
			EW226	A	133,648	8,817	124,831	124,831	0	0	0	0	0	0	0	0	0	0	0	124,831
			EW260	A	362,898	62,898	300,000	300,000	0	0	0	0	0	0	0	0	0	0	0	300,000
TOTAL - 100786					14,350,386	3,313,507	11,036,879	7,605,520	3,131,359	300,000	0	0	0	0	0	0	0	0	0	11,036,879
1060	101734	WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA's	2019W	F	5,892,986	0	5,892,986	0	5,892,986	0	0	0	0	0	0	0	0	0	0	5,892,986
			2020W	F	1,159,944	0	1,159,944	0	0	1,159,944	0	0	0	0	0	0	0	0	0	1,159,944
			2021W	F	4,035,279	0	4,035,279	0	0	0	4,035,279	0	0	0	0	0	0	0	0	4,035,279
			2022W	F	4,296,644	0	4,296,644	0	0	0	0	4,296,644	0	0	0	0	0	0	0	4,296,644
			EW221	A	34,135,799	22,493,482	11,642,317	1,500,000	1,142,317	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	0	0	0	11,642,317	
			EW224	A	15,075,563	8,575,563	6,500,000	3,500,000	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	0	6,500,000	
			EW226	A	172,372	172,372	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	13,007,674	13,007,674	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	7,518,646	2,518,646	5,000,000	5,000,000	0	0	0	0	0	0	0	0	0	0	0	5,000,000
TOTAL - 101734					85,294,907	46,767,738	38,527,169	10,000,000	7,535,303	3,159,944	6,035,279	6,296,644	2,000,000	2,000,000	1,500,000	0	0	0	0	38,527,170



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future		
1060	102111	12/16 INCH WATER MAINS IN S. MIAMI-DADE AREA E	2019W	F	2,532,488	0	2,532,488	0	2,532,488	0	0	0	0	0	0	0	0	0	0	2,532,488
			2020W	F	2,000,000	0	2,000,000	0	0	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000
			EW260	A	329,538	0	329,538	329,538	0	0	0	0	0	0	0	0	0	0	0	329,538
		TOTAL - 102111			4,862,026	0	4,862,026	329,538	2,532,488	2,000,000	0	0	0	0	0	0	0	0	0	4,862,026
1060	102140	FURNISH AND INSTALL 48-INCH WATER MAIN IN SW 117 AVE, SW 72 ST, SW 127 AVE FROM SW 68 ST. TO SW 152 ST. (AREA N)	2019W	F	5,209,421	0	5,209,421	0	5,209,421	0	0	0	0	0	0	0	0	0	0	5,209,421
			2020W	F	7,010,090	0	7,010,090	0	0	7,010,090	0	0	0	0	0	0	0	0	0	7,010,090
			2021W	F	8,500,000	0	8,500,000	0	0	0	8,500,000	0	0	0	0	0	0	0	0	8,500,000
			2022W	F	6,500,000	0	6,500,000	0	0	0	0	6,500,000	0	0	0	0	0	0	0	6,500,000
			2023W	F	5,500,000	0	5,500,000	0	0	0	0	0	5,500,000	0	0	0	0	0	0	5,500,000
			2024W	F	4,500,000	0	4,500,000	0	0	0	0	0	0	4,500,000	0	0	0	0	0	4,500,000
			EW260	A	10,049,994	6,303,440	3,746,554	3,746,554	0	0	0	0	0	0	0	0	0	0	0	3,746,554
		TOTAL - 102140			47,269,505	6,303,440	40,966,065	3,746,554	5,209,421	7,010,090	8,500,000	6,500,000	5,500,000	4,500,000	0	0	0	0	0	40,966,065
1060	102196	LONG TERM PARKING FOR WATER DISTRIBUTION EMPLOYEES	2019W	F	2,677,855	0	2,677,855	0	2,677,855	0	0	0	0	0	0	0	0	0	0	2,677,855
			2020W	F	2,000,000	0	2,000,000	0	0	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000
			EW260	A	1,800,000	0	1,800,000	1,800,000	0	0	0	0	0	0	0	0	0	0	0	1,800,000
		TOTAL - 102196			6,477,855	0	6,477,855	1,800,000	2,677,855	2,000,000	0	0	0	0	0	0	0	0	0	6,477,855
		TOTAL - 1060			158,254,679	56,384,685	101,869,994	23,481,612	21,086,426	14,470,034	14,535,279	12,796,644	7,500,000	6,500,000	1,500,000	0	0	0	0	101,869,995



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1063	100789	FIRE HYDRANT INSTALLATION AND RELATED SYSTEM BETTERMENTS	EW226	A	26,700,778	1,968,306	24,732,472	3,283,130	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	6,449,342	0	0	0	24,732,472	
TOTAL - 100789					26,700,778	1,968,306	24,732,472	3,283,130	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	6,449,342	0	0	0	24,732,472	
TOTAL - 1063					26,700,778	1,968,306	24,732,472	3,283,130	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	6,449,342	0	0	0	24,732,472	
1064	100790	MISCELLANEOUS TOOLS AND EQUIPMENT	EW221	A	20,938,457	6,276,965	14,661,492	387,870	2,273,622	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	14,661,492	
TOTAL - 100790					20,938,457	6,276,965	14,661,492	387,870	2,273,622	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	14,661,492	
1064	101724	HEAVY CONSTRUCTION EQUIPMENT	EW221	A	36,125,636	8,959,374	27,166,262	1,835,224	4,331,038	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	27,166,262	
TOTAL - 101724					36,125,636	8,959,374	27,166,262	1,835,224	4,331,038	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	27,166,262	
1064	101725	VEHICLES/TRANSPORTATION EQUIPMENT	EW221	A	26,897,355	6,474,895	20,422,460	3,227,982	2,194,478	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	20,422,460	
TOTAL - 101725					26,897,355	6,474,895	20,422,460	3,227,982	2,194,478	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	20,422,460	
1064	102027	AUTOMATED METER READING (AMR)	2019W	F	1,500,000	0	1,500,000	0	1,500,000	0	0	0	0	0	0	0	0	0	0	1,500,000
			2020W	F	2,500,000	0	2,500,000	0	0	2,500,000	0	0	0	0	0	0	0	0	0	2,500,000
			2021W	F	3,500,000	0	3,500,000	0	0	0	3,500,000	0	0	0	0	0	0	0	0	3,500,000
			2022W	F	3,500,000	0	3,500,000	0	0	0	0	3,500,000	0	0	0	0	0	0	0	3,500,000
			2023W	F	3,500,000	0	3,500,000	0	0	0	0	0	3,500,000	0	0	0	0	0	0	3,500,000
			2024W	F	3,500,000	0	3,500,000	0	0	0	0	0	0	3,500,000	0	0	0	0	0	3,500,000
			EW221	A	288,814	288,814	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			FUT-W	F	102,000,000	0	102,000,000	0	0	0	0	0	0	0	3,500,000	3,500,000	95,000,000	0	102,000,000	
TOTAL - 102027					120,288,814	288,814	120,000,000	0	1,500,000	2,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	95,000,000	0	120,000,000	



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS										Total	
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028		Future
		TOTAL - 1064			204,250,262	22,000,048	182,250,214	5,451,076	10,299,138	10,500,000	11,500,000	11,500,000	11,500,000	11,500,000	3,500,000	95,000,000	0	182,250,214	
1065	101601	WATER DISTRIBUTION SYSTEM ENHANCEMENTS	EW247	A	12,785,500	5,546,500	7,239,000	50,000	150,000	144,500	0	0	0	6,894,500	0	0	0	0	7,239,000
		TOTAL - 101601			12,785,500	5,546,500	7,239,000	50,000	150,000	144,500	0	0	0	6,894,500	0	0	0	0	7,239,000
1065	101602	WATER DISTRIBUTION SYSTEM NEEDS ASSESSMENT	EW247	A	11,060,000	8,352,000	2,708,000	297,600	1,115,200	631,200	403,200	260,800	0	0	0	0	0	0	2,708,000
		TOTAL - 101602			11,060,000	8,352,000	2,708,000	297,600	1,115,200	631,200	403,200	260,800	0	0	0	0	0	0	2,708,000
		TOTAL - 1065			23,845,500	13,898,500	9,947,000	347,600	1,265,200	775,700	403,200	260,800	0	6,894,500	0	0	0	0	9,947,000
1066	100792	WATER PLANTS REHABILITATION	EW221	A	41,380,189	3,443,271	37,936,918	11,006,175	17,930,743	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	0	0	0	37,936,918
		TOTAL - 100792			41,380,189	3,443,271	37,936,918	11,006,175	17,930,743	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	0	0	0	37,936,918
1066	101714	SECURITY PROJECTS	2021W	F	229,313	0	229,313	0	0	0	229,313	0	0	0	0	0	0	0	229,313
			2022W	F	1,000,000	0	1,000,000	0	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000
			2023W	F	1,000,000	0	1,000,000	0	0	0	0	0	1,000,000	0	0	0	0	0	1,000,000
			2024W	F	545,104	0	545,104	0	0	0	0	0	0	545,104	0	0	0	0	545,104
			EW221	A	4,710,728	3,395,228	1,315,500	1,315,500	0	0	0	0	0	0	0	0	0	0	1,315,500
			EW260	A	3,745,104	0	3,745,104	3,745,104	0	0	0	0	0	0	0	0	0	0	3,745,104
		TOTAL - 101714			11,230,249	3,395,228	7,835,021	5,060,604	0	0	229,313	1,000,000	1,000,000	545,104	0	0	0	0	7,835,021
		TOTAL - 1066			52,610,438	6,838,499	45,771,939	16,066,779	17,930,743	1,500,000	1,729,313	2,500,000	2,500,000	2,045,104	1,500,000	0	0	0	45,771,939
1067	100793	WATER SYSTEM UPGRADES	EW221	A	142,709,362	13,084,337	129,625,025	21,439,525	18,185,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	0	0	0	129,625,025
		TOTAL - 100793			142,709,362	13,084,337	129,625,025	21,439,525	18,185,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	0	0	0	129,625,025
		TOTAL - 1067			142,709,362	13,084,337	129,625,025	21,439,525	18,185,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	0	0	0	129,625,025



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1070	101470	WATER TREATMENT PLANTS AND WELLFIELDS - SCADA SYSTEM	EW260	A	2,246,784	368,944	1,877,840	1,377,840	500,000	0	0	0	0	0	0	0	0	0	0	1,877,840
		TOTAL - 101470			2,246,784	368,944	1,877,840	1,377,840	500,000	0	0	0	0	0	0	0	0	0	0	1,877,840
		TOTAL - 1070			2,246,784	368,944	1,877,840	1,377,840	500,000	0	0	0	0	0	0	0	0	0	0	1,877,840
1075	101891	NEW NWWF HIGH SERVICE PUMP STATION	FUT-W	F	43,250,000	0	43,250,000	0	0	0	0	0	0	20,000,000	23,250,000	0	0	0	0	43,250,000
		TOTAL - 101891			43,250,000	0	43,250,000	0	0	0	0	0	0	20,000,000	23,250,000	0	0	0	0	43,250,000
1075	102135	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	2019W	F	2,000,000	0	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0	0	0	2,000,000
			2020W	F	5,340,516	0	5,340,516	0	0	5,340,516	0	0	0	0	0	0	0	0	0	5,340,516
			2021W	F	7,500,000	0	7,500,000	0	0	0	7,500,000	0	0	0	0	0	0	0	0	7,500,000
			2022W	F	6,794,000	0	6,794,000	0	0	0	0	6,794,000	0	0	0	0	0	0	0	6,794,000
			2023W	F	3,000,000	0	3,000,000	0	0	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000
			2024W	F	1,000,000	0	1,000,000	0	0	0	0	0	0	1,000,000	0	0	0	0	0	1,000,000
			EW221	A	2,620,360	2,620,360	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW223	A	1,893,749	0	1,893,749	246,366	1,647,383	0	0	0	0	0	0	0	0	0	0	1,893,749
			EW260	A	1,726,253	726,253	1,000,000	1,000,000	0	0	0	0	0	0	0	0	0	0	0	1,000,000
		TOTAL - 102135			31,874,878	3,346,612	28,528,266	1,246,366	3,647,383	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	0	0	0	0	0	28,528,265
1075	102176	MONITORING WELL INSTALLATION	2019W	F	250,000	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0	250,000
			EW260	A	500,000	0	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0	500,000
		TOTAL - 102176			750,000	0	750,000	500,000	250,000	0	0	0	0	0	0	0	0	0	0	750,000
		TOTAL - 1075			75,874,878	3,346,612	72,528,266	1,746,366	3,897,383	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	20,000,000	23,250,000	0	0	0	72,528,265



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1077	102021	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	2019W	F	4,548,107	0	4,548,107	0	4,548,107	0	0	0	0	0	0	0	0	0	0	4,548,107
			2020W	F	1,100,000	0	1,100,000	0	0	1,100,000	0	0	0	0	0	0	0	0	0	1,100,000
			2021W	F	1,075,083	0	1,075,083	0	0	0	1,075,083	0	0	0	0	0	0	0	0	1,075,083
			2022W	F	1,000,000	0	1,000,000	0	0	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000
			2023W	F	1,000,000	0	1,000,000	0	0	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000
			2024W	F	10,300,000	0	10,300,000	0	0	0	0	0	0	10,300,000	0	0	0	0	0	10,300,000
			EW258	A	6,859,313	6,859,313	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	15,886,041	14,587,300	1,298,741	1,298,741	0	0	0	0	0	0	0	0	0	0	0	1,298,741
		TOTAL - 102021			41,768,544	21,446,613	20,321,931	1,298,741	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	0	0	0	0	20,321,931
		TOTAL - 1077			41,768,544	21,446,613	20,321,931	1,298,741	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	0	0	0	0	20,321,931
1078	101368	TELEMETERING SYSTEM - WATER	EW221	A	8,412,114	1,616,537	6,795,577	317,500	141,000	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	0	6,795,577
		TOTAL - 101368			8,412,114	1,616,537	6,795,577	317,500	141,000	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	0	6,795,577
		TOTAL - 1078			8,412,114	1,616,537	6,795,577	317,500	141,000	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	0	6,795,577
1080	101879	INSTALLATION OF 36 INCH DI WATER MAIN IN NW 87TH AVE. FROM NW 170 ST. TO 102 AVE.	EW221	A	1,867,097	1,169,760	697,337	697,337	0	0	0	0	0	0	0	0	0	0	0	697,337
			EW223	A	5,000,000	4,508,895	491,105	491,105	0	0	0	0	0	0	0	0	0	0	0	491,105
		TOTAL - 101879			6,867,097	5,678,655	1,188,442	1,188,442	0	0	0	0	0	0	0	0	0	0	0	1,188,442
1080	102182	CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP	2019W	F	1,200,000	0	1,200,000	0	1,200,000	0	0	0	0	0	0	0	0	0	0	1,200,000
			2020W	F	1,000,000	0	1,000,000	0	0	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1080	102182	CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP	2021W	F	800,000	0	800,000	0	0	0	800,000	0	0	0	0	0	0	0	0	800,000
			EW260	A	1,000,000	0	1,000,000	1,000,000	0	0	0	0	0	0	0	0	0	0	0	1,000,000
		TOTAL - 102182			4,000,000	0	4,000,000	1,000,000	1,200,000	1,000,000	800,000	0	0	0	0	0	0	0	0	4,000,000
		TOTAL - 1080			10,867,097	5,678,655	5,188,442	2,188,442	1,200,000	1,000,000	800,000	0	0	0	0	0	0	0	0	5,188,442
1081	101966	INSTALLATION OF 12-INCH DIWM ON EAST DRIVE FROM NW 36 ST. TO LABARON DR.	EW205	A	13,310,870	3,310,425	10,000,445	5,346,948	4,653,497	0	0	0	0	0	0	0	0	0	0	10,000,445
		TOTAL - 101966			13,310,870	3,310,425	10,000,445	5,346,948	4,653,497	0	0	0	0	0	0	0	0	0	0	10,000,445
		TOTAL - 1081			13,310,870	3,310,425	10,000,445	5,346,948	4,653,497	0	0	0	0	0	0	0	0	0	0	10,000,445
1082	101969	WATER - PIPES AND INFRASTRUCTURE PROJECTS	EW221	A	90,730,190	26,730,190	64,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	0	0	0	0	64,000,000
			EW224	A	8,000,000	13,052	7,986,948	1,359,566	1,000,000	1,000,000	1,000,000	1,000,000	1,627,382	0	0	0	0	0	0	7,986,948
		TOTAL - 101969			98,730,190	26,743,242	71,986,948	9,359,566	9,000,000	9,000,000	9,000,000	9,000,000	9,627,382	8,000,000	0	0	0	0	0	71,986,948
1082	102178	36-INCH WATER MAIN NW 106 STREET	2019W	F	5,437,560	0	5,437,560	0	5,437,560	0	0	0	0	0	0	0	0	0	0	5,437,560
			2020W	F	1,768,893	0	1,768,893	0	0	1,768,893	0	0	0	0	0	0	0	0	0	1,768,893
			EW258	A	8,735	8,735	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	870,434	451,039	419,395	419,395	0	0	0	0	0	0	0	0	0	0	0	419,395
		TOTAL - 102178			8,085,622	459,774	7,625,848	419,395	5,437,560	1,768,893	0	0	0	0	0	0	0	0	0	7,625,848
1082	102179	36-INCH WATER MAIN NW 135 STREET	2019W	F	3,489,966	0	3,489,966	0	3,489,966	0	0	0	0	0	0	0	0	0	0	3,489,966
			2020W	F	4,508,221	0	4,508,221	0	0	4,508,221	0	0	0	0	0	0	0	0	0	4,508,221
			2021W	F	3,750,000	0	3,750,000	0	0	0	3,750,000	0	0	0	0	0	0	0	0	3,750,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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Projection by Project Sub-project by Year - Water

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1082	102179	36-INCH WATER MAIN NW 135 STREET	2022W	F	2,350,000	0	2,350,000	0	0	0	0	2,350,000	0	0	0	0	0	0	0	2,350,000
			EW258	A	4,029	4,029	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	1,384,038	771,658	612,380	612,380	0	0	0	0	0	0	0	0	0	0	0	612,380
		TOTAL - 102179			15,486,254	775,687	14,710,567	612,380	3,489,966	4,508,221	3,750,000	2,350,000	0	0	0	0	0	0	0	14,710,567
		TOTAL - 1082			122,302,066	27,978,702	94,323,364	10,391,341	17,927,526	15,277,114	12,750,000	11,350,000	9,000,000	9,627,382	8,000,000	0	0	0	0	94,323,363
1084	101678	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	2019W	F	14,221,262	0	14,221,262	0	14,221,262	0	0	0	0	0	0	0	0	0	0	14,221,262
			2020W	F	9,326,626	0	9,326,626	0	0	9,326,626	0	0	0	0	0	0	0	0	0	9,326,626
			2021W	F	4,750,000	0	4,750,000	0	0	0	4,750,000	0	0	0	0	0	0	0	0	4,750,000
			2022W	F	2,250,000	0	2,250,000	0	0	0	0	2,250,000	0	0	0	0	0	0	0	2,250,000
			EW221	A	703,334	124,598	578,736	578,736	0	0	0	0	0	0	0	0	0	0	0	578,736
			EW226	A	123,088	31,049	92,039	92,039	0	0	0	0	0	0	0	0	0	0	0	92,039
			EW258	A	5,862,994	5,862,994	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	14,178,083	7,849,203	6,328,880	6,328,880	0	0	0	0	0	0	0	0	0	0	0	6,328,880
		TOTAL - 101678			51,415,387	13,867,844	37,547,543	6,999,655	14,221,262	9,326,626	4,750,000	2,250,000	0	0	0	0	0	0	0	37,547,543
1084	102136	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE A	EW222	A	11,326,347	10,615,383	710,964	710,964	0	0	0	0	0	0	0	0	0	0	0	710,964
			EW258	A	355,999	355,999	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	2,328,929	1,426,023	902,906	902,906	0	0	0	0	0	0	0	0	0	0	0	902,906
		TOTAL - 102136			14,011,275	12,397,405	1,613,870	1,613,870	0	0	0	0	0	0	0	0	0	0	0	1,613,870



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As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total	
1084	102137	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	2020W	F	2,200,328	0	2,200,328	0	0	2,200,328	0	0	0	0	0	0	0	0	0	2,200,328
			2021W	F	6,118,247	0	6,118,247	0	0	0	6,118,247	0	0	0	0	0	0	0	0	6,118,247
			2022W	F	4,400,000	0	4,400,000	0	0	0	0	4,400,000	0	0	0	0	0	0	0	4,400,000
			EW222	A	16,825,257	12,145,500	4,679,757	1,000,000	2,380,085	1,299,672	0	0	0	0	0	0	0	0	0	4,679,757
			EW260	A	1,531,769	1,082,369	449,400	449,400	0	0	0	0	0	0	0	0	0	0	0	449,400
		TOTAL - 102137			31,075,601	13,227,869	17,847,732	1,449,400	2,380,085	3,500,000	6,118,247	4,400,000	0	0	0	0	0	0	0	17,847,732
1084	102139	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE I IN SW 147th AVE AND SW 157th AVE BETWEEN SW 288th ST & SW 297th ST	2019W	F	1,511,008	0	1,511,008	0	1,511,008	0	0	0	0	0	0	0	0	0	0	1,511,008
			2020W	F	2,500,000	0	2,500,000	0	0	2,500,000	0	0	0	0	0	0	0	0	0	2,500,000
			EW260	A	1,254,231	0	1,254,231	1,254,231	0	0	0	0	0	0	0	0	0	0	0	1,254,231
		TOTAL - 102139			5,265,239	0	5,265,239	1,254,231	1,511,008	2,500,000	0	0	0	0	0	0	0	0	0	5,265,239
1084	102141	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE B	EW222	A	9,756,995	8,803,645	953,350	953,350	0	0	0	0	0	0	0	0	0	0	0	953,350
			EW258	A	34,962	34,962	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	6,163,105	1,155,367	5,007,738	5,007,738	0	0	0	0	0	0	0	0	0	0	0	5,007,738
		TOTAL - 102141			15,955,062	9,993,974	5,961,088	5,961,088	0	0	0	0	0	0	0	0	0	0	0	5,961,088
1084	102142	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	2021W	F	7,193,343	0	7,193,343	0	0	0	7,193,343	0	0	0	0	0	0	0	0	7,193,343



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS													
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total		
1084	102142	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	2022W	F	6,500,000	0	6,500,000	0	0	0	0	6,500,000	0	0	0	0	0	0	0	0	6,500,000
			2023W	F	5,400,000	0	5,400,000	0	0	0	0	0	5,400,000	0	0	0	0	0	0	0	5,400,000
			2024W	F	1,095,653	0	1,095,653	0	0	0	0	0	0	1,095,653	0	0	0	0	0	0	1,095,653
			EW222	A	16,705,096	4,824,441	11,880,655	1,735,277	4,180,237	5,658,484	306,657	0	0	0	0	0	0	0	0	0	11,880,655
			EW258	A	5,176	5,176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	1,000,000	669,652	330,348	330,348	0	0	0	0	0	0	0	0	0	0	0	0	330,348
		TOTAL - 102142			37,899,268	5,499,269	32,399,999	2,065,625	4,180,237	5,658,484	7,500,000	6,500,000	5,400,000	1,095,653	0	0	0	0	0	0	32,399,999
1084	102143	REPLACE UNDERSIZED WATER MAINS DOUGHNUT HOLE	2019W	F	1,670,855	0	1,670,855	0	1,670,855	0	0	0	0	0	0	0	0	0	0	0	1,670,855
			2020W	F	2,429,455	0	2,429,455	0	0	2,429,455	0	0	0	0	0	0	0	0	0	0	2,429,455
			2021W	F	7,500,000	0	7,500,000	0	0	0	7,500,000	0	0	0	0	0	0	0	0	0	7,500,000
			EW226	A	340,509	340,509	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	793,207	0	793,207	793,207	0	0	0	0	0	0	0	0	0	0	0	0	793,207
		TOTAL - 102143			12,734,026	340,509	12,393,517	793,207	1,670,855	2,429,455	7,500,000	0	0	0	0	0	0	0	0	0	12,393,517
1084	102144	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	2023W	F	1,000,000	0	1,000,000	0	0	0	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000
			2024W	F	1,000,000	0	1,000,000	0	0	0	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000
			FUT-W	F	2,000,000	0	2,000,000	0	0	0	0	0	0	0	1,000,000	1,000,000	0	0	0	0	2,000,000
		TOTAL - 102144			4,000,000	0	4,000,000	0	0	0	0	0	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	0	4,000,000

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS													
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total		
1084	102193	WATER MASTER PLAN	2019W	F	2,000,000	0	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0	0	0	0	2,000,000
			2020W	F	425,000	0	425,000	0	0	425,000	0	0	0	0	0	0	0	0	0	0	425,000
			EW260	A	575,000	387,796	187,204	187,204	0	0	0	0	0	0	0	0	0	0	0	0	187,204
		TOTAL - 102193			3,000,000	387,796	2,612,204	187,204	2,000,000	425,000	0	0	0	0	0	0	0	0	0	0	2,612,204
1084	102198	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE II IN SW 147th AVE AND SW 152nd AVE BETWEEN SW 288th ST & SW 296th ST	2019W	F	545,792	0	545,792	0	545,792	0	0	0	0	0	0	0	0	0	0	0	545,792
			EW260	A	2,413,781	0	2,413,781	2,413,781	0	0	0	0	0	0	0	0	0	0	0	0	2,413,781
		TOTAL - 102198			2,959,573	0	2,959,573	2,413,781	545,792	0	0	0	0	0	0	0	0	0	0	0	2,959,573
1084	102243	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PHASE 1	2019W	F	3,846,071	0	3,846,071	0	3,846,071	0	0	0	0	0	0	0	0	0	0	0	3,846,071
			2020W	F	4,163,823	0	4,163,823	0	0	4,163,823	0	0	0	0	0	0	0	0	0	0	4,163,823
			2021W	F	7,676,395	0	7,676,395	0	0	0	7,676,395	0	0	0	0	0	0	0	0	0	7,676,395
			2022W	F	20,814,030	0	20,814,030	0	0	0	0	20,814,030	0	0	0	0	0	0	0	0	20,814,030
			2023W	F	19,107,714	0	19,107,714	0	0	0	0	0	19,107,714	0	0	0	0	0	0	0	19,107,714
			2024W	F	15,000,000	0	15,000,000	0	0	0	0	0	0	15,000,000	0	0	0	0	0	0	15,000,000
			EW260	A	2,407,133	218,403	2,188,730	2,188,730	0	0	0	0	0	0	0	0	0	0	0	0	2,188,730
			FUT-W	F	23,100,769	0	23,100,769	0	0	0	0	0	0	0	0	13,500,000	9,600,769	0	0	0	23,100,769
		TOTAL - 102243			96,115,935	218,403	95,897,532	2,188,730	3,846,071	4,163,823	7,676,395	20,814,030	19,107,714	15,000,000	13,500,000	9,600,769	0	0	0	0	95,897,532
1084	102244	LEAK DETECTION PROGRAM	EW221	A	35,000,000	0	35,000,000	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	0	0	0	0	35,000,000
		TOTAL - 102244			35,000,000	0	35,000,000	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	0	0	0	0	35,000,000

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Water

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
		TOTAL - 1084			309,431,366	55,933,070	253,498,296	24,926,791	35,355,310	33,003,388	38,544,642	38,964,030	30,507,714	22,095,653	19,500,000	10,600,769	0	0	253,498,297
		TOTAL - Water			1,534,312,701	264,982,255	1,269,330,446	158,858,608	195,913,501	157,810,688	138,105,817	122,581,646	110,461,955	116,507,164	91,649,859	47,017,516	130,423,692	0	1,269,330,446



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Water

As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future	Total
		REPORT TOTAL			1,534,312,701	264,982,255	1,269,330,446	158,858,608	195,913,501	157,810,688	138,105,817	122,581,646	110,461,955	116,507,164	91,649,859	47,017,516	130,423,692	0	1,269,330,446

**MULTI-YEAR CAPITAL PLAN
WASTEWATER**

SUMMARY EXHIBITS



**Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN**

WASTEWATER PROJECTS

Version 2.3 - SUBMITTAL

REVENUE SUMMARY (in Thousands of Dollars)

Fund Description	Prior			Projections							Total	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		
Wastewater Renewal & Replacement Fund	175,187	49,000	224,187	42,700	55,500	55,000	55,000	55,000	55,000	55,000	55,000	597,387
Plant Expansion Fund - Wastewater	95,571	34,406	129,976	51,039	64,821	31,491	18,454	20,753	18,000	0	0	334,533
General Obligation Bonds	12,189	5,601	17,790	10,887	15,803	19,081	20,535	30,900	27,393	0	0	142,389
Wastewater Special Construction Fund	8,518	0	8,518	0	0	0	0	0	0	0	0	8,518
Future WASD Revenue Bonds	0	0	0	240,857	342,074	415,176	494,465	542,269	495,125	1,261,149	0	3,791,114
State Revolving Loans - Wastewater	21,046	20,000	41,046	0	0	0	0	0	0	0	0	41,046
Miami Springs Construction Fund	867	0	867	0	207	252	0	0	0	0	0	1,326
S Construction - 2013 Bonds	168,230	0	168,230	0	0	0	0	0	0	0	0	168,230
WASD Wastewater Commercial Paper - 2015	805,734	0	805,734	0	0	0	0	0	0	0	0	805,734
WIFIA LOAN	0	99,700	99,700	0	0	0	0	0	0	0	0	99,700
Total	1,287,341	208,707	1,496,048	345,483	478,405	521,000	588,453	648,921	595,517	1,316,149	0	5,989,977

Prepared by Capital Planning and Coordination Section



**Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN**

WASTEWATER PROJECTS

Version 2.3 - SUBMITTAL

EXPENDITURE SUMMARY (in Thousands of Dollars)

Fund Description	Prior			Projections							
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total
Wastewater Renewal & Replacement Fund	133,256	65,413	198,669	64,635	59,083	55,000	55,000	55,000	55,000	55,000	597,387
Plant Expansion Fund - Wastewater	95,571	34,406	129,976	51,039	64,821	31,491	18,454	20,753	18,000	0	334,533
General Obligation Bonds	12,189	5,601	17,790	10,887	15,803	19,081	20,535	30,900	27,393	0	142,389
Wastewater Special Construction Fund	2,518	3,000	5,518	500	500	500	500	500	500	0	8,518
Future WASD Revenue Bonds	0	0	0	240,857	342,074	415,176	494,465	542,269	495,125	1,261,149	3,791,114
State Revolving Loans - Wastewater	21,046	0	21,046	7,892	11,523	585	0	0	0	0	41,046
Miami Springs Construction Fund	867	0	867	0	207	252	0	0	0	0	1,326
S Construction - 2013 Bonds	168,230	0	168,230	0	0	0	0	0	0	0	168,230
WASD Wastewater Commercial Paper - 2015	484,876	261,259	746,135	59,600	0	0	0	0	0	0	805,734
WIFIA LOAN	0	15,529	15,529	10,122	27,493	32,349	14,207	0	0	0	99,700
Total	918,551	385,207	1,303,759	445,531	521,505	554,435	603,160	649,421	596,017	1,316,149	5,989,977

Prepared by Capital Planning and Coordination Section

**MULTI-YEAR CAPITAL PLAN
WASTEWATER BY PROJECTS**



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
REVENUES	45,902,181												
		0	0	0	2,008,597	4,911,654	5,800,000	4,500,000	3,500,000	18,000,000	0	38,720,251	Future WASH Revenue Bonds
		7,181,930	0	7,181,930	0	0	0	0	0	0	0	7,181,930	WASH Wastewater Commercial Paper - 2015
TOTAL		7,181,930	0	7,181,930	2,008,597	4,911,654	5,800,000	4,500,000	3,500,000	18,000,000	0	45,902,181	
EXPENDITURES													
		0	0	0	2,008,597	4,911,654	5,800,000	4,500,000	3,500,000	18,000,000	0	38,720,251	Future WASH Revenue Bonds
		5,719,672	1,462,258	7,181,930	0	0	0	0	0	0	0	7,181,930	WASH Wastewater Commercial Paper - 2015
TOTAL		5,719,672	1,462,258	7,181,930	2,008,597	4,911,654	5,800,000	4,500,000	3,500,000	18,000,000	0	45,902,181	



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
15,000,000														
REVENUES														
	0	0	0	750,000	2,500,000	1,550,000	500,000	200,000	500,000	8,500,000	14,500,000	Future WSD Revenue Bonds		
	500,000	0	500,000	0	0	0	0	0	0	0	500,000	WASD Wastewater Commercial Paper - 2015		
TOTAL	500,000	0	500,000	750,000	2,500,000	1,550,000	500,000	200,000	500,000	8,500,000	15,000,000			
EXPENDITURES														
	0	0	0	750,000	2,500,000	1,550,000	500,000	200,000	500,000	8,500,000	14,500,000	Future WSD Revenue Bonds		
	0	500,000	500,000	0	0	0	0	0	0	0	500,000	WASD Wastewater Commercial Paper - 2015		
TOTAL	0	500,000	500,000	750,000	2,500,000	1,550,000	500,000	200,000	500,000	8,500,000	15,000,000			



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1006. SOUTH DISTRICT WASTEWATER TREATMENT PLANT EXPANSION - PHASE III

Commission District(s) 8

OSBM No. 9655481

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
5,315,395													
REVENUES													
	0	0	0	949,190	1,700,000	2,000,000	300,000	0	0	0	4,949,190	Future WSD Revenue Bonds	
	0	72,000	72,000	186,205	0	0	0	0	0	0	258,205	Plant Expansion Fund - Wastewater	
	108,000	0	108,000	0	0	0	0	0	0	0	108,000	WASD Wastewater Commercial Paper - 2015	
TOTAL	108,000	72,000	180,000	1,135,395	1,700,000	2,000,000	300,000	0	0	0	5,315,395		
EXPENDITURES													
	0	0	0	949,190	1,700,000	2,000,000	300,000	0	0	0	4,949,190	Future WSD Revenue Bonds	
	0	72,000	72,000	186,205	0	0	0	0	0	0	258,205	Plant Expansion Fund - Wastewater	
	0	108,000	108,000	0	0	0	0	0	0	0	108,000	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	180,000	180,000	1,135,395	1,700,000	2,000,000	300,000	0	0	0	5,315,395		



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
76,377,688														
REVENUES														
	0	0	0	699,100	5,626,013	10,101,927	4,250,000	500,000	250,000	54,377,688	75,804,728	Future WASD Revenue Bonds		
	0	200,000	200,000	200,000	0	0	0	0	0	0	400,000	Plant Expansion Fund - Wastewater		
	172,960	0	172,960	0	0	0	0	0	0	0	172,960	WASD Wastewater Commercial Paper - 2015		
TOTAL	172,960	200,000	372,960	899,100	5,626,013	10,101,927	4,250,000	500,000	250,000	54,377,688	76,377,688			
EXPENDITURES														
	0	0	0	699,100	5,626,013	10,101,927	4,250,000	500,000	250,000	54,377,688	75,804,728	Future WASD Revenue Bonds		
	0	200,000	200,000	200,000	0	0	0	0	0	0	400,000	Plant Expansion Fund - Wastewater		
	0	172,960	172,960	0	0	0	0	0	0	0	172,960	WASD Wastewater Commercial Paper - 2015		
TOTAL	0	372,960	372,960	899,100	5,626,013	10,101,927	4,250,000	500,000	250,000	54,377,688	76,377,688			



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1008. NORTH MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9652101

Budget/ Estimate Cost	Prior			Projections						Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
179,593,066													
REVENUES													
	0	0	0	4,932,465	16,044,287	15,689,247	25,700,000	39,120,000	19,450,000	44,835,793	165,771,792	Future WSD Revenue Bonds	
	0	261,381	261,381	750,000	1,591,048	3,032,203	6,365,368	0	0	0	12,000,000	Plant Expansion Fund - Wastewater	
	1,821,274	0	1,821,274	0	0	0	0	0	0	0	1,821,274	WASD Wastewater Commercial Paper - 2015	
TOTAL	1,821,274	261,381	2,082,655	5,682,465	17,635,335	18,721,450	32,065,368	39,120,000	19,450,000	44,835,793	179,593,066		
EXPENDITURES													
	0	0	0	4,932,465	16,044,287	15,689,247	25,700,000	39,120,000	19,450,000	44,835,793	165,771,792	Future WSD Revenue Bonds	
	0	261,381	261,381	750,000	1,591,048	3,032,203	6,365,368	0	0	0	12,000,000	Plant Expansion Fund - Wastewater	
	0	1,821,274	1,821,274	0	0	0	0	0	0	0	1,821,274	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	2,082,655	2,082,655	5,682,465	17,635,335	18,721,450	32,065,368	39,120,000	19,450,000	44,835,793	179,593,066		



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1009. CENTRAL MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650241

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
27,578,725														
REVENUES														
	0	0	0	7,963,666	4,246,483	3,000,000	1,000,000	0	0	0	16,210,149	Future WASH Revenue Bonds		
	1,825,872	0	1,825,872	0	0	0	0	0	0	0	1,825,872	S Construction - 2013 Bonds		
	9,542,704	0	9,542,704	0	0	0	0	0	0	0	9,542,704	WASH Wastewater Commercial Paper - 2015		
TOTAL	11,368,576	0	11,368,576	7,963,666	4,246,483	3,000,000	1,000,000	0	0	0	27,578,725			
EXPENDITURES														
	0	0	0	7,963,666	4,246,483	3,000,000	1,000,000	0	0	0	16,210,149	Future WASH Revenue Bonds		
	1,825,872	0	1,825,872	0	0	0	0	0	0	0	1,825,872	S Construction - 2013 Bonds		
	623,543	8,919,161	9,542,704	0	0	0	0	0	0	0	9,542,704	WASH Wastewater Commercial Paper - 2015		
TOTAL	2,449,414	8,919,161	11,368,575	7,963,666	4,246,483	3,000,000	1,000,000	0	0	0	27,578,724			



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1010. SOUTH DISTRICT WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9651061

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
	20,520,688													
REVENUES														
		0	0	0	50,000	100,000	2,299,302	7,500,000	10,571,386	0	0	20,520,688	Future WSD Revenue Bonds	
TOTAL		0	0	0	50,000	100,000	2,299,302	7,500,000	10,571,386	0	0	20,520,688		
EXPENDITURES														
		0	0	0	50,000	100,000	2,299,302	7,500,000	10,571,386	0	0	20,520,688	Future WSD Revenue Bonds	
TOTAL		0	0	0	50,000	100,000	2,299,302	7,500,000	10,571,386	0	0	20,520,688		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1011. FLOW REDUCTION PROGRAM (FRP)

Commission District(s) Systemwide

OSBM No. 9650201

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
262,791,187														
REVENUES														
	0	0	0	7,277,563	8,724,645	10,700,000	10,900,000	11,200,000	13,700,000	194,764,026	257,266,234	Future WASD Revenue Bonds		
	5,524,953	0	5,524,953	0	0	0	0	0	0	0	5,524,953	WASD Wastewater Commercial Paper - 2015		
TOTAL	5,524,953	0	5,524,953	7,277,563	8,724,645	10,700,000	10,900,000	11,200,000	13,700,000	194,764,026	262,791,187			
EXPENDITURES														
	0	0	0	7,277,563	8,724,645	10,700,000	10,900,000	11,200,000	13,700,000	194,764,026	257,266,234	Future WASD Revenue Bonds		
	2,760,468	2,764,485	5,524,953	0	0	0	0	0	0	0	5,524,953	WASD Wastewater Commercial Paper - 2015		
TOTAL	2,760,468	2,764,485	5,524,953	7,277,563	8,724,645	10,700,000	10,900,000	11,200,000	13,700,000	194,764,026	262,791,187			



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1012. SANITARY SEWER SYSTEM IMPROVEMENTS
Commission District(s) Systemwide
OSBM No. 9650221

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
REVENUES	14,989,228													
		10,534,674	0	10,534,674	0	0	0	0	0	0	0	10,534,674	WASD Wastewater Commercial Paper - 2015	
		4,454,554	0	4,454,554	0	0	0	0	0	0	0	4,454,554	Wastewater Special Construction Fund	
TOTAL		14,989,228	0	14,989,228	0	0	0	0	0	0	0	14,989,228		
EXPENDITURES														
		10,181,388	353,286	10,534,674	0	0	0	0	0	0	0	10,534,674	WASD Wastewater Commercial Paper - 2015	
		18,323	1,436,231	1,454,554	500,000	500,000	500,000	500,000	500,000	500,000	0	4,454,554	Wastewater Special Construction Fund	
TOTAL		10,199,711	1,789,517	11,989,228	500,000	500,000	500,000	500,000	500,000	500,000	0	14,989,228		



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
147,276,675														
REVENUES														
	0	0	0	750,000	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	127,879,287	140,629,287	Future WASD Revenue Bonds		
	203,302	0	203,302	0	0	0	0	0	0	0	203,302	S Construction - 2013 Bonds		
	2,878,109	0	2,878,109	0	0	0	0	0	0	0	2,878,109	WASD Wastewater Commercial Paper - 2015		
	3,565,977	0	3,565,977	0	0	0	0	0	0	0	3,565,977	Wastewater Renewal & Replacement Fund		
TOTAL	6,647,388	0	6,647,388	750,000	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	127,879,287	147,276,675			
EXPENDITURES														
	0	0	0	750,000	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	127,879,287	140,629,287	Future WASD Revenue Bonds		
	203,302	0	203,302	0	0	0	0	0	0	0	203,302	S Construction - 2013 Bonds		
	1,781,763	1,096,346	2,878,109	0	0	0	0	0	0	0	2,878,109	WASD Wastewater Commercial Paper - 2015		
	0	997,689	997,689	2,568,288	0	0	0	0	0	0	3,565,977	Wastewater Renewal & Replacement Fund		
TOTAL	1,985,064	2,094,035	4,079,099	3,318,288	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	127,879,287	147,276,674			



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1015. PUMP STATION IMPROVEMENTS PROGRAM
Commission District(s) Systemwide
OSBM No. 9651071

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
125,902,587													
REVENUES													
		0	0	0	8,993,198	1,698,642	0	0	0	0	0	10,691,840	Future WAST Revenue Bonds
		0	2,628,276	2,628,276	5,256,553	2,628,276	0	0	0	0	0	10,513,105	Plant Expansion Fund - Wastewater
	25,919,595		0	25,919,595	0	0	0	0	0	0	0	25,919,595	S Construction - 2013 Bonds
	78,778,047		0	78,778,047	0	0	0	0	0	0	0	78,778,047	WAST Wastewater Commercial Paper - 2015
TOTAL		104,697,642	2,628,276	107,325,918	14,249,751	4,326,918	0	0	0	0	0	125,902,587	
EXPENDITURES													
		0	0	0	8,993,198	1,698,642	0	0	0	0	0	10,691,840	Future WAST Revenue Bonds
		0	2,628,276	2,628,276	5,256,553	2,628,276	0	0	0	0	0	10,513,105	Plant Expansion Fund - Wastewater
	25,919,595		0	25,919,595	0	0	0	0	0	0	0	25,919,595	S Construction - 2013 Bonds
	56,456,743	22,321,304		78,778,047	0	0	0	0	0	0	0	78,778,047	WAST Wastewater Commercial Paper - 2015
TOTAL		82,376,338	24,949,580	107,325,918	14,249,751	4,326,918	0	0	0	0	0	125,902,587	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1018. PEAK FLOW MANAGEMENT FACILITIES
Commission District(s) Systemwide
OSBM No. 9653371

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
15,629,590													
REVENUES													
	0	0	0	737,914	3,206,611	1,500,000	950,000	750,000	300,000	5,598,900	13,043,425	Future WSD Revenue Bonds	
	298,049	789,928	1,087,977	1,498,188	0	0	0	0	0	0	2,586,165	Plant Expansion Fund - Wastewater	
TOTAL	298,049	789,928	1,087,977	2,236,102	3,206,611	1,500,000	950,000	750,000	300,000	5,598,900	15,629,590		
EXPENDITURES													
	0	0	0	737,914	3,206,611	1,500,000	950,000	750,000	300,000	5,598,900	13,043,425	Future WSD Revenue Bonds	
	298,049	789,928	1,087,977	1,498,188	0	0	0	0	0	0	2,586,165	Plant Expansion Fund - Wastewater	
TOTAL	298,049	789,928	1,087,977	2,236,102	3,206,611	1,500,000	950,000	750,000	300,000	5,598,900	15,629,590		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

	Prior			Projections								Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		
REVENUES	41,003,594												
		163,148	0	163,148	0	0	0	0	0	0	0	163,148	WASD Wastewater Commercial Paper - 2015
		18,840,446	0	18,840,446	1,500,000	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	40,840,446	Wastewater Renewal & Replacement Fund
TOTAL		19,003,594	0	19,003,594	1,500,000	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	41,003,594	
EXPENDITURES													
		163,148	0	163,148	0	0	0	0	0	0	0	163,148	WASD Wastewater Commercial Paper - 2015
		5,072,175	5,110,659	10,182,834	10,157,612	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	40,840,446	Wastewater Renewal & Replacement Fund
TOTAL		5,235,323	5,110,659	10,345,982	10,157,612	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	41,003,594	



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
11,694,767														
REVENUES														
	0	0	0	1,229,474	1,604,607	1,634,165	1,590,270	1,600,542	1,644,675	1,750,000	11,053,733	Future WASH Revenue Bonds		
	641,034	0	641,034	0	0	0	0	0	0	0	641,034	WASH Wastewater Commercial Paper - 2015		
TOTAL	641,034	0	641,034	1,229,474	1,604,607	1,634,165	1,590,270	1,600,542	1,644,675	1,750,000	11,694,767			
EXPENDITURES														
	0	0	0	1,229,474	1,604,607	1,634,165	1,590,270	1,600,542	1,644,675	1,750,000	11,053,733	Future WASH Revenue Bonds		
	0	641,034	641,034	0	0	0	0	0	0	0	641,034	WASH Wastewater Commercial Paper - 2015		
TOTAL	0	641,034	641,034	1,229,474	1,604,607	1,634,165	1,590,270	1,600,542	1,644,675	1,750,000	11,694,767			



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1023. WASTEWATER TELEMETERING SYSTEM

Commission District(s) Systemwide

OSBM No. 9652481

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
8,841,358														
REVENUES														
	1,278,707	0	1,278,707	0	0	0	0	0	0	0	0	1,278,707	WASD Wastewater Commercial Paper - 2015	
	1,441,651	0	1,441,651	121,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,562,651	Wastewater Renewal & Replacement Fund	
TOTAL	2,720,358	0	2,720,358	121,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,841,358		
EXPENDITURES														
	0	1,278,707	1,278,707	0	0	0	0	0	0	0	0	1,278,707	WASD Wastewater Commercial Paper - 2015	
	803,151	517,500	1,320,651	121,000	1,121,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,562,651	Wastewater Renewal & Replacement Fund	
TOTAL	803,151	1,796,207	2,599,358	121,000	1,121,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,841,358		



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1024. WASTEWATER SYSTEM MAINTENANCE AND UPGRADES

Commission District(s) Systemwide

OSBM No. 9650361

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
182,412,634													
REVENUES													
	23,117,363	23,500,000	46,617,363	15,795,271	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	182,412,634	Wastewater Renewal & Replacement Fund
TOTAL	23,117,363	23,500,000	46,617,363	15,795,271	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	182,412,634	
EXPENDITURES													
	15,559,323	24,476,311	40,035,634	22,377,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	182,412,634	Wastewater Renewal & Replacement Fund
TOTAL	15,559,323	24,476,311	40,035,634	22,377,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	182,412,634	



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1025. LIFT STATION UPGRADES AND STRUCTURAL MAINTENANCE IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650371

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
37,759,567													
REVENUES													
	0	0	0	2,380,633	0	0	0	0	0	0	0	2,380,633	Future WSD Revenue Bonds
	2,374,037	0	2,374,037	0	0	0	0	0	0	0	0	2,374,037	WSD Wastewater Commercial Paper - 2015
	8,504,897	0	8,504,897	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	33,004,897	Wastewater Renewal & Replacement Fund
TOTAL	10,878,934	0	10,878,934	5,880,633	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	37,759,567	
EXPENDITURES													
	0	0	0	2,380,633	0	0	0	0	0	0	0	2,380,633	Future WSD Revenue Bonds
	0	2,374,037	2,374,037	0	0	0	0	0	0	0	0	2,374,037	WSD Wastewater Commercial Paper - 2015
	4,026,731	3,525,000	7,551,731	4,453,166	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	33,004,897	Wastewater Renewal & Replacement Fund
TOTAL	4,026,731	5,899,037	9,925,768	6,833,799	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	37,759,567	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1027. WASTEWATER EQUIPMENT AND VEHICLES
Commission District(s) Systemwide
OSBM No. 9650301

	Prior			Projections								Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
150,650,039														
REVENUES														
	551,811	0	551,811	0	0	0	0	0	0	0	0	551,811	WASD Wastewater Commercial Paper - 2015	
	41,414,228	7,500,000	48,914,228	10,184,000	16,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	150,098,228	Wastewater Renewal & Replacement Fund	
TOTAL	41,966,039	7,500,000	49,466,039	10,184,000	16,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	150,650,039		
EXPENDITURES														
	0	551,811	551,811	0	0	0	0	0	0	0	0	551,811	WASD Wastewater Commercial Paper - 2015	
	33,879,570	12,183,443	46,063,013	9,573,130	19,462,085	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	150,098,228	Wastewater Renewal & Replacement Fund	
TOTAL	33,879,570	12,735,254	46,614,824	9,573,130	19,462,085	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	150,650,039		



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1029. WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION

Commission District(s) Systemwide

OSBM No. 9653261

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
105,095,210														
REVENUES														
	24,496,404	15,000,000	39,496,404	8,600,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	102,096,404	Wastewater Renewal & Replacement Fund	
	2,998,806	0	2,998,806	0	0	0	0	0	0	0	0	2,998,806	Wastewater Special Construction Fund	
TOTAL	27,495,210	15,000,000	42,495,210	8,600,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	105,095,210		
EXPENDITURES														
	20,108,857	15,602,475	35,711,332	12,385,072	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	102,096,404	Wastewater Renewal & Replacement Fund	
	1,435,037	1,563,769	2,998,806	0	0	0	0	0	0	0	0	2,998,806	Wastewater Special Construction Fund	
TOTAL	21,543,894	17,166,244	38,710,138	12,385,072	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	105,095,210		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1032. WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652061

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
4,641,916													
REVENUES													
	0	0	0	1,793,312	1,160,180	1,000,000	0	0	0	0	3,953,492	Future WASH Revenue Bonds	
	688,424	0	688,424	0	0	0	0	0	0	0	688,424	WASH Wastewater Commercial Paper - 2015	
TOTAL	688,424	0	688,424	1,793,312	1,160,180	1,000,000	0	0	0	0	4,641,916		
EXPENDITURES													
	0	0	0	1,793,312	1,160,180	1,000,000	0	0	0	0	3,953,492	Future WASH Revenue Bonds	
	0	688,424	688,424	0	0	0	0	0	0	0	688,424	WASH Wastewater Commercial Paper - 2015	
TOTAL	0	688,424	688,424	1,793,312	1,160,180	1,000,000	0	0	0	0	4,641,916		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1039. MIAMI SPRINGS CONSTRUCTION FUND - WASTEWATER
Commission District(s) 6
OSBM No. 969110

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
REVENUES	1,326,105													
		866,794	0	866,794	0	207,466	251,845	0	0	0	0	1,326,105	Miami Springs Construction Fund	
TOTAL		866,794	0	866,794	0	207,466	251,845	0	0	0	0	1,326,105		
EXPENDITURES														
		866,794	0	866,794	0	207,466	251,845	0	0	0	0	1,326,105	Miami Springs Construction Fund	
TOTAL		866,794	0	866,794	0	207,466	251,845	0	0	0	0	1,326,105		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1040. OCEAN OUTFALL LEGISLATION REGULATORY
Commission District(s) Systemwide
OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
1,645,999,978														
REVENUES														
	0	0	0	42,576,660	43,686,659	81,836,129	151,655,05	206,304,855	239,376,269		515,628,462	1,281,064,086	Future WSD Revenue Bonds	
	5,466,731	14,184,743	19,651,474	16,420,498	15,909,944	14,240,211	12,088,312	20,752,541	18,000,000		0	117,062,980	Plant Expansion Fund - Wastewater	
	3,025,000	0	3,025,000	0	0	0	0	0	0		0	3,025,000	S Construction - 2013 Bonds	
	21,045,684	20,000,000	41,045,684	0	0	0	0	0	0		0	41,045,684	State Revolving Loans - Wastewater	
	103,038,053	0	103,038,053	0	0	0	0	0	0		0	103,038,053	WASD Wastewater Commercial Paper - 2015	
	1,064,175	0	1,064,175	0	0	0	0	0	0		0	1,064,175	Wastewater Special Construction Fund	
	0	99,700,000	99,700,000	0	0	0	0	0	0		0	99,700,000	WIFIA LOAN	
TOTAL	133,639,643	133,884,743	267,524,386	58,997,158	59,596,603	96,076,340	163,743,364	227,057,396	257,376,269		515,628,462	1,645,999,978		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1040. OCEAN OUTFALL LEGISLATION REGULATORY
Commission District(s) Systemwide
OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
	0	0	0	42,576,660	43,686,659	81,836,129	151,655,05	206,304,855	239,376,269	515,628,462	1,281,064,086	Future WSD Revenue Bonds	
	5,466,731	14,184,743	19,651,474	16,420,498	15,909,944	14,240,211	12,088,312	20,752,541	18,000,000	0	117,062,980	Plant Expansion Fund - Wastewater	
	3,025,000	0	3,025,000	0	0	0	0	0	0	0	3,025,000	S Construction - 2013 Bonds	
	21,045,684	0	21,045,684	7,891,602	11,523,165	585,233	0	0	0	0	41,045,684	State Revolving Loans - Wastewater	
	61,014,366	42,023,688	103,038,054	0	0	0	0	0	0	0	103,038,054	WSD Wastewater Commercial Paper - 2015	
	1,064,175	0	1,064,175	0	0	0	0	0	0	0	1,064,175	Wastewater Special Construction Fund	
	0	15,528,827	15,528,827	10,121,686	27,493,200	32,349,353	14,206,934	0	0	0	99,700,000	WIFIA LOAN	
TOTAL	91,615,955	71,737,258	163,353,213	77,010,446	98,612,968	129,010,926	177,950,298	227,057,396	257,376,269	515,628,462	1,645,999,978		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1041. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 222222

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
REVENUES	16,388,500												
		8,367,500	124,400	8,491,900	503,800	327,300	105,800	65,200	0	6,894,500	0	16,388,500	General Obligation Bonds
TOTAL		8,367,500	124,400	8,491,900	503,800	327,300	105,800	65,200	0	6,894,500	0	16,388,500	
EXPENDITURES													
		8,367,500	124,400	8,491,900	503,800	327,300	105,800	65,200	0	6,894,500	0	16,388,500	General Obligation Bonds
TOTAL		8,367,500	124,400	8,491,900	503,800	327,300	105,800	65,200	0	6,894,500	0	16,388,500	



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1042. WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 968750

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
REVENUES	36,835,170												
		12,835,170	3,000,000	15,835,170	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	36,835,170	Wastewater Renewal & Replacement Fund
TOTAL		12,835,170	3,000,000	15,835,170	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	36,835,170	
EXPENDITURES													
		12,835,170	3,000,000	15,835,170	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	36,835,170	Wastewater Renewal & Replacement Fund
TOTAL		12,835,170	3,000,000	15,835,170	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	36,835,170	



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
1,357,379,611													
REVENUES													
	0	0	0	99,161,814	184,101,199	177,782,68	180,703,52	155,822,587	97,449,489	57,067,142	952,088,435	Future WASD Revenue Bonds	
	0	5,013,725	5,013,725	1,726,983	3,000,000	3,218,766	0	0	0	0	12,959,474	Plant Expansion Fund - Wastewater	
	37,614,994	0	37,614,994	0	0	0	0	0	0	0	37,614,994	S Construction - 2013 Bonds	
	317,653,177	0	317,653,177	0	0	0	0	0	0	0	317,653,177	WASD Wastewater Commercial Paper - 2015	
	37,063,531	0	37,063,531	0	0	0	0	0	0	0	37,063,531	Wastewater Renewal & Replacement Fund	
TOTAL	392,331,702	5,013,725	397,345,427	100,888,797	187,101,199	181,001,448	180,703,522	155,822,587	97,449,489	57,067,142	1,357,379,611		
EXPENDITURES													
	0	0	0	99,161,814	184,101,199	177,782,68	180,703,52	155,822,587	97,449,489	57,067,142	952,088,435	Future WASD Revenue Bonds	
	0	5,013,725	5,013,725	1,726,983	3,000,000	3,218,766	0	0	0	0	12,959,474	Plant Expansion Fund - Wastewater	
	37,614,995	0	37,614,995	0	0	0	0	0	0	0	37,614,995	S Construction - 2013 Bonds	
	165,633,367	92,420,029	258,053,396	59,599,781	0	0	0	0	0	0	317,653,177	WASD Wastewater Commercial Paper - 2015	
	37,063,530	0	37,063,530	0	0	0	0	0	0	0	37,063,530	Wastewater Renewal & Replacement Fund	
TOTAL	240,311,892	97,433,754	337,745,646	160,488,578	187,101,199	181,001,448	180,703,522	155,822,587	97,449,489	57,067,142	1,357,379,611		



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1045. WASTEWATER COLLECTION AND TRANSMISSION LINES - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 968150

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
343,414,748														
REVENUES														
	0	0	0	16,729,001	11,699,614	11,936,367	10,414,220	8,699,614	8,699,614	8,699,614	76,878,044	Future WASD Revenue Bonds		
	9,889,440	0	9,889,440	0	0	0	0	0	0	0	9,889,440	Plant Expansion Fund - Wastewater		
	89,769,248	0	89,769,248	0	0	0	0	0	0	0	89,769,248	S Construction - 2013 Bonds		
	162,970,898	0	162,970,898	0	0	0	0	0	0	0	162,970,898	WASD Wastewater Commercial Paper - 2015		
	3,907,118	0	3,907,118	0	0	0	0	0	0	0	3,907,118	Wastewater Renewal & Replacement Fund		
TOTAL	266,536,704	0	266,536,704	16,729,001	11,699,614	11,936,367	10,414,220	8,699,614	8,699,614	8,699,614	343,414,748			
EXPENDITURES														
	0	0	0	16,729,001	11,699,614	11,936,367	10,414,220	8,699,614	8,699,614	8,699,614	76,878,044	Future WASD Revenue Bonds		
	9,889,440	0	9,889,440	0	0	0	0	0	0	0	9,889,440	Plant Expansion Fund - Wastewater		
	89,769,248	0	89,769,248	0	0	0	0	0	0	0	89,769,248	S Construction - 2013 Bonds		
	130,500,680	32,470,218	162,970,898	0	0	0	0	0	0	0	162,970,898	WASD Wastewater Commercial Paper - 2015		
	3,907,118	0	3,907,118	0	0	0	0	0	0	0	3,907,118	Wastewater Renewal & Replacement Fund		
TOTAL	234,066,486	32,470,218	266,536,704	16,729,001	11,699,614	11,936,367	10,414,220	8,699,614	8,699,614	8,699,614	343,414,748			



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
110,723,789													
REVENUES													
	0	0	0	14,606,554	5,075,837	2,198,850	1,025,916	216,543	0	0	23,123,700	Future WASD Revenue Bonds	
	1,005,978	1,753,145	2,759,123	0	0	0	0	0	0	0	2,759,123	Plant Expansion Fund - Wastewater	
	7,802,490	0	7,802,490	0	0	0	0	0	0	0	7,802,490	S Construction - 2013 Bonds	
	77,038,476	0	77,038,476	0	0	0	0	0	0	0	77,038,476	WASD Wastewater Commercial Paper - 2015	
TOTAL	85,846,944	1,753,145	87,600,089	14,606,554	5,075,837	2,198,850	1,025,916	216,543	0	0	110,723,789		
EXPENDITURES													
	0	0	0	14,606,554	5,075,837	2,198,850	1,025,916	216,543	0	0	23,123,700	Future WASD Revenue Bonds	
	1,005,978	1,753,145	2,759,123	0	0	0	0	0	0	0	2,759,123	Plant Expansion Fund - Wastewater	
	7,802,489	0	7,802,489	0	0	0	0	0	0	0	7,802,489	S Construction - 2013 Bonds	
	44,931,776	32,106,700	77,038,476	0	0	0	0	0	0	0	77,038,476	WASD Wastewater Commercial Paper - 2015	
TOTAL	53,740,243	33,859,845	87,600,088	14,606,554	5,075,837	2,198,850	1,025,916	216,543	0	0	110,723,788		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1047. WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT

Commission District(s)

OSBM No. 968090

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
131,298,608													
REVENUES													
	0	0	0	19,005	0	0	0	0	0	0	0	19,005	Future WSD Revenue Bonds
	3,821,000	5,477,000	9,298,000	10,383,000	15,476,000	18,975,000	20,470,000	30,900,000	20,498,000	0	126,000,000	General Obligation Bonds	
	275,850	0	275,850	0	0	0	0	0	0	0	275,850	S Construction - 2013 Bonds	
	5,003,753	0	5,003,753	0	0	0	0	0	0	0	5,003,753	WASD Wastewater Commercial Paper - 2015	
TOTAL	9,100,603	5,477,000	14,577,603	10,402,005	15,476,000	18,975,000	20,470,000	30,900,000	20,498,000	0	131,298,608		
EXPENDITURES													
	0	0	0	19,005	0	0	0	0	0	0	0	19,005	Future WSD Revenue Bonds
	3,821,000	5,477,000	9,298,000	10,383,000	15,476,000	18,975,000	20,470,000	30,900,000	20,498,000	0	126,000,000	General Obligation Bonds	
	275,850	0	275,850	0	0	0	0	0	0	0	275,850	S Construction - 2013 Bonds	
	1,234,142	3,769,611	5,003,753	0	0	0	0	0	0	0	5,003,753	WASD Wastewater Commercial Paper - 2015	
TOTAL	5,330,992	9,246,611	14,577,603	10,402,005	15,476,000	18,975,000	20,470,000	30,900,000	20,498,000	0	131,298,608		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1048. OCEAN OUTFALL LEGISLATION CAPACITY

Commission District(s)

OSBM No. 2000000580

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
531,783,256													
REVENUES													
	0	0	0	11,257,866	26,309,785	67,894,319	69,522,610	60,538,098	55,500,000	114,400,000	405,422,678	Future WASD Revenue Bonds	
	31,990,117	9,477,943	41,468,060	25,000,289	41,691,416	11,000,000	0	0	0	0	119,159,765	Plant Expansion Fund - Wastewater	
	150,046	0	150,046	0	0	0	0	0	0	0	150,046	S Construction - 2013 Bonds	
	7,050,767	0	7,050,767	0	0	0	0	0	0	0	7,050,767	WASD Wastewater Commercial Paper - 2015	
TOTAL	39,190,930	9,477,943	48,668,873	36,258,155	68,001,201	78,894,319	69,522,610	60,538,098	55,500,000	114,400,000	531,783,256		
EXPENDITURES													
	0	0	0	11,257,866	26,309,785	67,894,319	69,522,610	60,538,098	55,500,000	114,400,000	405,422,678	Future WASD Revenue Bonds	
	31,990,117	9,477,943	41,468,060	25,000,289	41,691,416	11,000,000	0	0	0	0	119,159,765	Plant Expansion Fund - Wastewater	
	150,046	0	150,046	0	0	0	0	0	0	0	150,046	S Construction - 2013 Bonds	
	1,817,325	5,233,441	7,050,766	0	0	0	0	0	0	0	7,050,766	WASD Wastewater Commercial Paper - 2015	
TOTAL	33,957,489	14,711,384	48,668,873	36,258,155	68,001,201	78,894,319	69,522,610	60,538,098	55,500,000	114,400,000	531,783,256		



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
335,851,137														
REVENUES														
	0	0	0	15,991,314	18,177,408	16,753,379	21,453,002	40,245,109	36,754,715	127,647,967	277,022,894	Future WASD Revenue Bonds		
	46,920,632	24,359	46,944,991	0	0	0	0	0	0	0	46,944,991	Plant Expansion Fund - Wastewater		
	1,643,783	0	1,643,783	0	0	0	0	0	0	0	1,643,783	S Construction - 2013 Bonds		
	10,239,469	0	10,239,469	0	0	0	0	0	0	0	10,239,469	WASD Wastewater Commercial Paper - 2015		
TOTAL	58,803,884	24,359	58,828,243	15,991,314	18,177,408	16,753,379	21,453,002	40,245,109	36,754,715	127,647,967	335,851,137			
EXPENDITURES														
	0	0	0	15,991,314	18,177,408	16,753,379	21,453,002	40,245,109	36,754,715	127,647,967	277,022,894	Future WASD Revenue Bonds		
	46,920,632	24,359	46,944,991	0	0	0	0	0	0	0	46,944,991	Plant Expansion Fund - Wastewater		
	1,643,783	0	1,643,783	0	0	0	0	0	0	0	1,643,783	S Construction - 2013 Bonds		
	2,057,555	8,181,914	10,239,469	0	0	0	0	0	0	0	10,239,469	WASD Wastewater Commercial Paper - 2015		
TOTAL	50,621,970	8,206,273	58,828,243	15,991,314	18,177,408	16,753,379	21,453,002	40,245,109	36,754,715	127,647,967	335,851,137			

Total Revenues:	5,989,976,997	1,287,340,830	208,706,900	1,496,047,730	345,483,113	478,405,074	521,000,192	588,453,472	648,921,275	595,517,262	1,316,148,879	5,989,976,997
Total Expenditures:		918,551,200	385,207,492	1,303,758,692	445,531,179	521,504,524	554,434,778	603,160,406	649,421,275	596,017,262	1,316,148,879	5,989,976,995

**MULTI-YEAR CAPITAL PLAN
WASTEWATER BY SUB-PROJECTS**



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
REVENUES	45,902,181													
		0	0	0	2,008,597	4,911,654	5,800,000	4,500,000	3,500,000	18,000,000	0	38,720,251	Future WAST Revenue Bonds	
		7,181,930	0	7,181,930	0	0	0	0	0	0	0	7,181,930	WAST Wastewater Commercial Paper - 2015	
TOTAL		7,181,930.0	0	7,181,930	2,008,597.0	4,911,654	5,800,000	4,500,000	3,500,000	18,000,000	0	45,902,181		
EXPENDITURES														
		0	0	0	2,008,597	4,911,654	5,800,000	4,500,000	3,500,000	18,000,000	0	38,720,251	Future WAST Revenue Bonds	
		5,719,672	1,462,258	7,181,930	0	0	0	0	0	0	0	7,181,930	WAST Wastewater Commercial Paper - 2015	
TOTAL		5,719,672.3	1,462,258	7,181,930	2,008,597.0	4,911,654	5,800,000	4,500,000	3,500,000	18,000,000	0	45,902,181		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.101638 S NDWWTP - INJECTION WELLS PS UPGRADE

Commission District(s) 4

Sub-Project Budget / Estimated 6,273,826

REVENUES

	6,273,826	0	6,273,826	0	0	0	0	0	0	0	0	6,273,826	WASD Wastewater Commercial Paper - 2015
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TOTAL	6,273,826	0	6,273,826	0	0	0	0	0	0	0	0	6,273,826	
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EXPENDITURES

	5,714,199	559,627	6,273,826	0	0	0	0	0	0	0	0	6,273,826	WASD Wastewater Commercial Paper - 2015
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TOTAL	5,714,199	559,627	6,273,826	0	0	0	0	0	0	0	0	6,273,826	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.101947 S NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.													
Commission District(s) 4													
Sub-Project Budget / Estimated		7,157,308											
REVENUES													
	0	0	0	772,968	1,504,579	2,300,000	1,000,000	1,000,000	0	0	6,577,547	Future WASD Revenue Bonds	
	579,761	0	579,761	0	0	0	0	0	0	0	579,761	WASD Wastewater Commercial Paper - 2015	
TOTAL	579,761	0	579,761	772,968	1,504,579	2,300,000	1,000,000	1,000,000	0	0	7,157,308		
EXPENDITURES													
	0	0	0	772,968	1,504,579	2,300,000	1,000,000	1,000,000	0	0	6,577,547	Future WASD Revenue Bonds	
	5,473	574,288	579,761	0	0	0	0	0	0	0	579,761	WASD Wastewater Commercial Paper - 2015	
TOTAL	5,473	574,288	579,761	772,968	1,504,579	2,300,000	1,000,000	1,000,000	0	0	7,157,308		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	
.102205 S 2.21.02 SEAWALL PROJECT												
Commission District(s)												
Sub-Project Budget / Estimated	5,566,589											
REVENUES												
	0	0	0	563,989	1,500,000	2,000,000	1,500,000	0	0	0	5,563,989	Future WAST Revenue Bonds
	2,600	0	2,600	0	0	0	0	0	0	0	2,600	WAST Wastewater Commercial Paper - 2015
TOTAL	2,600	0	2,600	563,989	1,500,000	2,000,000	1,500,000	0	0	0	5,566,589	
EXPENDITURES												
	0	0	0	563,989	1,500,000	2,000,000	1,500,000	0	0	0	5,563,989	Future WAST Revenue Bonds
	0	2,600	2,600	0	0	0	0	0	0	0	2,600	WAST Wastewater Commercial Paper - 2015
TOTAL	0	2,600	2,600	563,989	1,500,000	2,000,000	1,500,000	0	0	0	5,566,589	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.102206 S CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI													
Commission District(s)													
Sub-Project Budget / Estimated	8,904,458												
REVENUES													
	0	0	0	671,640	1,907,075	1,500,000	2,000,000	2,500,000	0	0	8,578,715	Future WAST Revenue Bonds	
	325,743	0	325,743	0	0	0	0	0	0	0	325,743	WAST Wastewater Commercial Paper - 2015	
TOTAL	325,743	0	325,743	671,640	1,907,075	1,500,000	2,000,000	2,500,000	0	0	8,904,458		
EXPENDITURES													
	0	0	0	671,640	1,907,075	1,500,000	2,000,000	2,500,000	0	0	8,578,715	Future WAST Revenue Bonds	
	0	325,743	325,743	0	0	0	0	0	0	0	325,743	WAST Wastewater Commercial Paper - 2015	
TOTAL	0	325,743	325,743	671,640	1,907,075	1,500,000	2,000,000	2,500,000	0	0	8,904,458		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

		Prior			Projections								
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.102221 S NDWWTP - COMPLETE REPLACEMENT OF 4160 VOLT AND 480 VOLT SWITCHGEAR AND MCCs. REPLACE OUTDATED INEFFICIENT MAGNETIC DRIVES WITH VFDs NDWWTP

Commission District(s)

Sub-Project Budget / Estimated **18,000,000**

REVENUES

	0	0	0	0	0	0	0	0	0	18,000,000	0	18,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	18,000,000	0	18,000,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	18,000,000	0	18,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	18,000,000	0	18,000,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
	15,000,000												
REVENUES													
		0	0	0	750,000	2,500,000	1,550,000	500,000	200,000	500,000	8,500,000	14,500,000	Future WAST Revenue Bonds
		500,000	0	500,000	0	0	0	0	0	0	0	500,000	WAST Wastewater Commercial Paper - 2015
TOTAL		500,000.0	0	500,000	750,000.0	2,500,000	1,550,000	500,000	200,000	500,000	8,500,000	15,000,000	
EXPENDITURES													
		0	0	0	750,000	2,500,000	1,550,000	500,000	200,000	500,000	8,500,000	14,500,000	Future WAST Revenue Bonds
		0	500,000	500,000	0	0	0	0	0	0	0	500,000	WAST Wastewater Commercial Paper - 2015
TOTAL		0.0	500,000	500,000	750,000.0	2,500,000	1,550,000	500,000	200,000	500,000	8,500,000	15,000,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.101991 S CDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION

Commission District(s) 7

Sub-Project Budget / Estimated **8,500,000**

REVENUES

	0	0	0	0	0	0	0	0	0	0	8,500,000	8,500,000	Future WASH Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	8,500,000	8,500,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	8,500,000	8,500,000	Future WASH Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	8,500,000	8,500,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	
.102223 S CDWWTP - STORM HARDENING OF NEW HYPOCHLORITE BUILDING. MWH PLANS ALREADY AT 90% READY FOR PERMITTING												
Commission District(s)												
Sub-Project Budget / Estimated	6,000,000											
REVENUES												
	0	0	0	750,000	2,500,000	1,550,000	500,000	200,000	0	0	5,500,000	Future WAST Revenue Bonds
	500,000	0	500,000	0	0	0	0	0	0	0	500,000	WAST Wastewater Commercial Paper - 2015
TOTAL	500,000	0	500,000	750,000	2,500,000	1,550,000	500,000	200,000	0	0	6,000,000	
EXPENDITURES												
	0	0	0	750,000	2,500,000	1,550,000	500,000	200,000	0	0	5,500,000	Future WAST Revenue Bonds
	0	500,000	500,000	0	0	0	0	0	0	0	500,000	WAST Wastewater Commercial Paper - 2015
TOTAL	0	500,000	500,000	750,000	2,500,000	1,550,000	500,000	200,000	0	0	6,000,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	

.102224 S CDWWTP - ENCLOSE AND STORM HARDEN OUTDOOR ELECTRICAL SUBSTATIONS 19 AND 20, 19A AND 20A

Commission District(s)

Sub-Project Budget / Estimated **500,000**

REVENUES

0	0	0	0	0	0	0	0	0	500,000	0	500,000	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	500,000	0	500,000	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	500,000	0	500,000	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	500,000	0	500,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1006. SOUTH DISTRICT WASTEWATER TREATMENT PLANT EXPANSION - PHASE III

Commission District(s) 8

OSBM No. 9655481

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
	5,315,395													
REVENUES														
		0	0	0	949,190	1,700,000	2,000,000	300,000	0	0	0	4,949,190	Future WSD Revenue Bonds	
		0	72,000	72,000	186,205	0	0	0	0	0	0	258,205	Plant Expansion Fund - Wastewater	
		108,000	0	108,000	0	0	0	0	0	0	0	108,000	WASD Wastewater Commercial Paper - 2015	
TOTAL		108,000.0	72,000	180,000	1,135,395.0	1,700,000	2,000,000	300,000	0	0	0	5,315,395		
EXPENDITURES														
		0	0	0	949,190	1,700,000	2,000,000	300,000	0	0	0	4,949,190	Future WSD Revenue Bonds	
		0	72,000	72,000	186,205	0	0	0	0	0	0	258,205	Plant Expansion Fund - Wastewater	
		0	108,000	108,000	0	0	0	0	0	0	0	108,000	WASD Wastewater Commercial Paper - 2015	
TOTAL		0.0	180,000	180,000	1,135,395.0	1,700,000	2,000,000	300,000	0	0	0	5,315,395		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1006. SOUTH DISTRICT WASTEWATER TREATMENT PLANT EXPANSION - PHASE III

Commission District(s) **8**

OSBM No. **9655481**

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	
.102102 S SDWWTP FA MONITORING WELL REPLACEMENT												
Commission District(s) 8												
Sub-Project Budget / Estimated 5,315,395												
REVENUES												
	0	0	0	949,190	1,700,000	2,000,000	300,000	0	0	0	4,949,190	Future WASD Revenue Bonds
	0	72,000	72,000	186,205	0	0	0	0	0	0	258,205	Plant Expansion Fund - Wastewater
	108,000	0	108,000	0	0	0	0	0	0	0	108,000	WASD Wastewater Commercial Paper - 2015
TOTAL	108,000	72,000	180,000	1,135,395	1,700,000	2,000,000	300,000	0	0	0	5,315,395	
EXPENDITURES												
	0	0	0	949,190	1,700,000	2,000,000	300,000	0	0	0	4,949,190	Future WASD Revenue Bonds
	0	72,000	72,000	186,205	0	0	0	0	0	0	258,205	Plant Expansion Fund - Wastewater
	0	108,000	108,000	0	0	0	0	0	0	0	108,000	WASD Wastewater Commercial Paper - 2015
TOTAL	0	180,000	180,000	1,135,395	1,700,000	2,000,000	300,000	0	0	0	5,315,395	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future			
	76,377,688													
REVENUES														
		0	0	0	699,100	5,626,013	10,101,927	4,250,000	500,000	250,000	54,377,688	75,804,728	Future WAST Revenue Bonds	
		0	200,000	200,000	200,000	0	0	0	0	0	0	400,000	Plant Expansion Fund - Wastewater	
		172,960	0	172,960	0	0	0	0	0	0	0	172,960	WAST Wastewater Commercial Paper - 2015	
TOTAL		172,960.0	200,000	372,960	899,100.0	5,626,013	10,101,927	4,250,000	500,000	250,000	54,377,688	76,377,688		
EXPENDITURES														
		0	0	0	699,100	5,626,013	10,101,927	4,250,000	500,000	250,000	54,377,688	75,804,728	Future WAST Revenue Bonds	
		0	200,000	200,000	200,000	0	0	0	0	0	0	400,000	Plant Expansion Fund - Wastewater	
		0	172,960	172,960	0	0	0	0	0	0	0	172,960	WAST Wastewater Commercial Paper - 2015	
TOTAL		0.0	372,960	372,960	899,100.0	5,626,013	10,101,927	4,250,000	500,000	250,000	54,377,688	76,377,688		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

		Prior			Projections								
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.101994 S SDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION - 8870

Commission District(s) 8

Sub-Project Budget / Estimated 7,500,000

REVENUES

	0	0	0	0	0	0	0	0	0	0	7,500,000	7,500,000	Future WASH Revenue Bonds
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TOTAL

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	7,500,000	7,500,000	Future WASH Revenue Bonds
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TOTAL

.101995 S SDWWTP SUSTAINABILITY CARBON DIOXIDE SEQUESTERING WITH EFFLUENT REUSE - 7880 - (CPCS)

Commission District(s) 8

Sub-Project Budget / Estimated 21,677,688

REVENUES

	0	0	0	0	0	0	0	0	0	0	21,677,688	21,677,688	Future WASH Revenue Bonds
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TOTAL

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	21,677,688	21,677,688	Future WASH Revenue Bonds
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TOTAL



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102184 S SDWWTP FOG RECOVERY STATION													
Commission District(s) 8													
Sub-Project Budget / Estimated 22,000,000													
REVENUES													
		0	0	0	699,100	5,626,013	10,101,927	4,250,000	500,000	250,000	0	21,427,040	Future WASD Revenue Bonds
		0	200,000	200,000	200,000	0	0	0	0	0	0	400,000	Plant Expansion Fund - Wastewater
		172,960	0	172,960	0	0	0	0	0	0	0	172,960	WASD Wastewater Commercial Paper - 2015
TOTAL		172,960	200,000	372,960	899,100	5,626,013	10,101,927	4,250,000	500,000	250,000	0	22,000,000	
EXPENDITURES													
		0	0	0	699,100	5,626,013	10,101,927	4,250,000	500,000	250,000	0	21,427,040	Future WASD Revenue Bonds
		0	200,000	200,000	200,000	0	0	0	0	0	0	400,000	Plant Expansion Fund - Wastewater
		0	172,960	172,960	0	0	0	0	0	0	0	172,960	WASD Wastewater Commercial Paper - 2015
TOTAL		0	372,960	372,960	899,100	5,626,013	10,101,927	4,250,000	500,000	250,000	0	22,000,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

Prior				Projections										Bond Issue
Budget/ Estimate	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102215 S SDWWTP - REPLACEMENT 489 VOLT SUBSTATION / MCC OXYGEN PLANT 1 & 2

Commission District(s)

Sub-Project Budget / Estimated **10,000,000**

REVENUES

	0	0	0	0	0	0	0	0	0	0	10,000,000	10,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	10,000,000	10,000,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	10,000,000	10,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	10,000,000	10,000,000	
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.102216 S SDWWTP - EMERGENCY GENERATOR #8 SWITCHGEAR BUILDING #2

Commission District(s)

Sub-Project Budget / Estimated **5,000,000**

REVENUES

	0	0	0	0	0	0	0	0	0	0	5,000,000	5,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	5,000,000	5,000,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	5,000,000	5,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	5,000,000	5,000,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102217 S SDWWTP - UPGRADE EMERGENCY GENERATORS TO DUAL FUEL NG / DIESEL IN SWITCHGEAR BUILDING #2 UNIT 1-7

Commission District(s)

Sub-Project Budget / Estimated **4,200,000**

REVENUES

	0	0	0	0	0	0	0	0	0	0	4,200,000	4,200,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	4,200,000	4,200,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	4,200,000	4,200,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	4,200,000	4,200,000	
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.102218 S SDWWTP - RECONFIGURE 13,200 VOLT DUAL FEEDER SYSTEM TO SUBSTATION 33 AND 34, 31 AND 32, 31A AND 32A, 21 AND 22, 27AND 28, 23 AND 24, 25 AND 26

Commission District(s)

Sub-Project Budget / Estimated **5,000,000**

REVENUES

	0	0	0	0	0	0	0	0	0	0	5,000,000	5,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	5,000,000	5,000,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	5,000,000	5,000,000	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---	---	---	-----------	-----------	---------------------------

TOTAL	0	0	0	0	0	0	0	0	0	0	5,000,000	5,000,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.102219 S SDWWTP - PROVIDE REDUNDANT FEEDERS TO NEW O2 COMPRESSORS 3 AND 4 FROM SWITCHGEAR BUILDING #2

Commission District(s)

Sub-Project Budget / Estimated **1,000,000**

REVENUES

0	0	0	0	0	0	0	0	0	0	0	1,000,000	1,000,000	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	1,000,000	1,000,000	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	1,000,000	1,000,000	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	1,000,000	1,000,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1008. NORTH MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9652101

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
REVENUES	179,593,066													
		0	0	0	4,932,465	16,044,287	15,689,247	25,700,000	39,120,000	19,450,000	44,835,793	165,771,792	Future WASH Revenue Bonds	
		0	261,381	261,381	750,000	1,591,048	3,032,203	6,365,368	0	0	0	12,000,000	Plant Expansion Fund - Wastewater	
		1,821,274	0	1,821,274	0	0	0	0	0	0	0	1,821,274	WASH Wastewater Commercial Paper - 2015	
TOTAL		1,821,274.0	261,381	2,082,655	5,682,465.0	17,635,335	18,721,450	32,065,368	39,120,000	19,450,000	44,835,793	179,593,066		
EXPENDITURES														
		0	0	0	4,932,465	16,044,287	15,689,247	25,700,000	39,120,000	19,450,000	44,835,793	165,771,792	Future WASH Revenue Bonds	
		0	261,381	261,381	750,000	1,591,048	3,032,203	6,365,368	0	0	0	12,000,000	Plant Expansion Fund - Wastewater	
		0	1,821,274	1,821,274	0	0	0	0	0	0	0	1,821,274	WASH Wastewater Commercial Paper - 2015	
TOTAL		0.0	2,082,655	2,082,655	5,682,465.0	17,635,335	18,721,450	32,065,368	39,120,000	19,450,000	44,835,793	179,593,066		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1008. NORTH MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9652101

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
.101768 S WASD SERVICE AREA WEST OF I-75 AND NORTH OF NW 170 ST. (ADM AREA)													
Commission District(s) 12,13													
Sub-Project Budget / Estimated 12,000,000													
REVENUES													
	0	261,381	261,381	750,000	1,591,048	3,032,203	6,365,368	0	0	0	12,000,000	Plant Expansion Fund - Wastewater	
TOTAL	0	261,381	261,381	750,000	1,591,048	3,032,203	6,365,368	0	0	0	12,000,000		
EXPENDITURES													
	0	261,381	261,381	750,000	1,591,048	3,032,203	6,365,368	0	0	0	12,000,000	Plant Expansion Fund - Wastewater	
TOTAL	0	261,381	261,381	750,000	1,591,048	3,032,203	6,365,368	0	0	0	12,000,000		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1008. NORTH MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9652101

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
.101924 S INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		15,000,000											
REVENUES													
	0	0	0	582,338	1,987,087	2,749,976	3,200,000	6,000,000	0	0	14,519,401	Future WASH Revenue Bonds	
	480,599	0	480,599	0	0	0	0	0	0	0	480,599	WASH Wastewater Commercial Paper - 2015	
TOTAL	480,599	0	480,599	582,338	1,987,087	2,749,976	3,200,000	6,000,000	0	0	15,000,000		
EXPENDITURES													
	0	0	0	582,338	1,987,087	2,749,976	3,200,000	6,000,000	0	0	14,519,401	Future WASH Revenue Bonds	
	0	480,599	480,599	0	0	0	0	0	0	0	480,599	WASH Wastewater Commercial Paper - 2015	
TOTAL	0	480,599	480,599	582,338	1,987,087	2,749,976	3,200,000	6,000,000	0	0	15,000,000		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1008. NORTH MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9652101

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
.101985 S WASTEWATER FORCE MAINS UPGRADES													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 30,000,000													
REVENUES													
	0	0	0	1,000,000	1,000,000	2,000,000	7,500,000	10,000,000	4,450,000	3,500,000	29,450,000	Future WASD Revenue Bonds	
	550,000	0	550,000	0	0	0	0	0	0	0	550,000	WASD Wastewater Commercial Paper - 2015	
TOTAL	550,000	0	550,000	1,000,000	1,000,000	2,000,000	7,500,000	10,000,000	4,450,000	3,500,000	30,000,000		
EXPENDITURES													
	0	0	0	1,000,000	1,000,000	2,000,000	7,500,000	10,000,000	4,450,000	3,500,000	29,450,000	Future WASD Revenue Bonds	
	0	550,000	550,000	0	0	0	0	0	0	0	550,000	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	550,000	550,000	1,000,000	1,000,000	2,000,000	7,500,000	10,000,000	4,450,000	3,500,000	30,000,000		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1008. NORTH MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9652101

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
.102065 S 24-INCH FORCE MAIN EXTENSION IN NW 167 ST FROM NW 58 AVE TO NW 49 AVE THEN SOUTH TO NW 156 ST - (CPCS)													
Commission District(s) 1													
Sub-Project Budget / Estimated 6,120,000													
REVENUES													
	0	0	0	0	0	0	0	0	6,120,000	0	0	6,120,000	Future WASH Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	6,120,000	0	0	6,120,000	
EXPENDITURES													
	0	0	0	0	0	0	0	0	6,120,000	0	0	6,120,000	Future WASH Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	6,120,000	0	0	6,120,000	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1008. NORTH MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9652101

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
.102072 S NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.													
Commission District(s) 2,4													
Sub-Project Budget / Estimated 77,571,663													
REVENUES													
	0	0	0	1,231,327	5,700,000	9,821,271	15,000,000	17,000,000	15,000,000	13,028,390	76,780,988	Future WAST Revenue Bonds	
	790,675	0	790,675	0	0	0	0	0	0	0	790,675	WAST Wastewater Commercial Paper - 2015	
TOTAL	790,675	0	790,675	1,231,327	5,700,000	9,821,271	15,000,000	17,000,000	15,000,000	13,028,390	77,571,663		
EXPENDITURES													
	0	0	0	1,231,327	5,700,000	9,821,271	15,000,000	17,000,000	15,000,000	13,028,390	76,780,988	Future WAST Revenue Bonds	
	0	790,675	790,675	0	0	0	0	0	0	0	790,675	WAST Wastewater Commercial Paper - 2015	
TOTAL	0	790,675	790,675	1,231,327	5,700,000	9,821,271	15,000,000	17,000,000	15,000,000	13,028,390	77,571,663		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1008. NORTH MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9652101

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.102153 S 60-INCH WEST MIAMI-DADE FORCE MAIN - NORTH - (CPCS)													
Commission District(s)													
Sub-Project Budget / Estimated	28,307,403												
REVENUES													
	0	0	0	0	0	0	0	0	0	0	28,307,403	28,307,403	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	0	28,307,403	28,307,403	
EXPENDITURES													
	0	0	0	0	0	0	0	0	0	0	28,307,403	28,307,403	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	0	28,307,403	28,307,403	
.102245 S OJUS SANITARY SEWER WITHIN THE OJUS URBAN AREA DISTRICT (DIRECTOR)													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	10,594,000												
REVENUES													
	0	0	0	2,118,800	7,357,200	1,118,000	0	0	0	0	0	10,594,000	Future WASD Revenue Bonds
TOTAL	0	0	0	2,118,800	7,357,200	1,118,000	0	0	0	0	0	10,594,000	
EXPENDITURES													
	0	0	0	2,118,800	7,357,200	1,118,000	0	0	0	0	0	10,594,000	Future WASD Revenue Bonds
TOTAL	0	0	0	2,118,800	7,357,200	1,118,000	0	0	0	0	0	10,594,000	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1009. CENTRAL MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650241

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
REVENUES	27,578,725													
		0	0	0	7,963,666	4,246,483	3,000,000	1,000,000	0	0	0	16,210,149	Future WASH Revenue Bonds	
		1,825,872	0	1,825,872	0	0	0	0	0	0	0	1,825,872	S Construction - 2013 Bonds	
		9,542,704	0	9,542,704	0	0	0	0	0	0	0	9,542,704	WASH Wastewater Commercial Paper - 2015	
TOTAL	11,368,576.0	0	0	11,368,576	7,963,666.0	4,246,483	3,000,000	1,000,000	0	0	0	27,578,725		
EXPENDITURES														
		0	0	0	7,963,666	4,246,483	3,000,000	1,000,000	0	0	0	16,210,149	Future WASH Revenue Bonds	
		1,825,872	0	1,825,872	0	0	0	0	0	0	0	1,825,872	S Construction - 2013 Bonds	
		623,543	8,919,161	9,542,704	0	0	0	0	0	0	0	9,542,704	WASH Wastewater Commercial Paper - 2015	
TOTAL	2,449,414.1	8,919,161	8,919,161	11,368,575	7,963,666.0	4,246,483	3,000,000	1,000,000	0	0	0	27,578,724		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1009. CENTRAL MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650241

Budget/ Estimate Cost	Prior			Projections						Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.102200 S BISCAYNE BASIN PROJECTS RELATED TO CL-1												
Commission District(s)												
Sub-Project Budget / Estimated	27,578,725											
REVENUES												
	0	0	0	7,963,666	4,246,483	3,000,000	1,000,000	0	0	0	16,210,149	Future WASD Revenue Bonds
	1,825,872	0	1,825,872	0	0	0	0	0	0	0	1,825,872	S Construction - 2013 Bonds
	9,542,704	0	9,542,704	0	0	0	0	0	0	0	9,542,704	WASD Wastewater Commercial Paper - 2015
TOTAL	11,368,576	0	11,368,576	7,963,666	4,246,483	3,000,000	1,000,000	0	0	0	27,578,725	
EXPENDITURES												
	0	0	0	7,963,666	4,246,483	3,000,000	1,000,000	0	0	0	16,210,149	Future WASD Revenue Bonds
	1,825,872	0	1,825,872	0	0	0	0	0	0	0	1,825,872	S Construction - 2013 Bonds
	623,543	8,919,161	9,542,704	0	0	0	0	0	0	0	9,542,704	WASD Wastewater Commercial Paper - 2015
TOTAL	2,449,414	8,919,161	11,368,575	7,963,666	4,246,483	3,000,000	1,000,000	0	0	0	27,578,724	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1010. SOUTH DISTRICT WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9651061

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
	20,520,688													
REVENUES		0	0	0	50,000	100,000	2,299,302	7,500,000	10,571,386	0	0	20,520,688	Future WASH Revenue Bonds	
TOTAL		0.0	0	0	50,000.0	100,000	2,299,302	7,500,000	10,571,386	0	0	20,520,688		
EXPENDITURES		0	0	0	50,000	100,000	2,299,302	7,500,000	10,571,386	0	0	20,520,688	Future WASH Revenue Bonds	
TOTAL		0.0	0	0	50,000.0	100,000	2,299,302	7,500,000	10,571,386	0	0	20,520,688		

.102208 S CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM

Commission District(s)

Sub-Project Budget / Estimated 20,520,688

REVENUES		0	0	0	50,000	100,000	2,299,302	7,500,000	10,571,386	0	0	20,520,688	Future WASH Revenue Bonds
TOTAL		0	0	0	50,000	100,000	2,299,302	7,500,000	10,571,386	0	0	20,520,688	
EXPENDITURES		0	0	0	50,000	100,000	2,299,302	7,500,000	10,571,386	0	0	20,520,688	Future WASH Revenue Bonds
TOTAL		0	0	0	50,000	100,000	2,299,302	7,500,000	10,571,386	0	0	20,520,688	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1011. FLOW REDUCTION PROGRAM (FRP)

Commission District(s) Systemwide

OSBM No. 9650201

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
262,791,187														
REVENUES														
		0	0	0	7,277,563	8,724,645	10,700,000	10,900,000	11,200,000	13,700,000	194,764,026	257,266,234	Future WASH Revenue Bonds	
	5,524,953		0	5,524,953	0	0	0	0	0	0	0	5,524,953	WASH Wastewater Commercial Paper - 2015	
TOTAL	5,524,953.0	0	0	5,524,953	7,277,563.0	8,724,645	10,700,000	10,900,000	11,200,000	13,700,000	194,764,026	262,791,187		
EXPENDITURES														
		0	0	0	7,277,563	8,724,645	10,700,000	10,900,000	11,200,000	13,700,000	194,764,026	257,266,234	Future WASH Revenue Bonds	
	2,760,468	2,764,485	5,524,953	5,524,953	0	0	0	0	0	0	0	5,524,953	WASH Wastewater Commercial Paper - 2015	
TOTAL	2,760,467.6	2,764,485	5,524,953	5,524,953	7,277,563.0	8,724,645	10,700,000	10,900,000	11,200,000	13,700,000	194,764,026	262,791,187		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1011. FLOW REDUCTION PROGRAM (FRP)

Commission District(s) Systemwide

OSBM No. 9650201

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.100050 S REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 12,189,667

REVENUES

0	0	0	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	8,400,000	Future WSD Revenue Bonds
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3,789,667	0	3,789,667	0	0	0	0	0	0	0	0	0	3,789,667	WSD Wastewater Commercial Paper - 2015
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TOTAL	3,789,667	0	3,789,667	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	12,189,667	
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EXPENDITURES

0	0	0	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	8,400,000	Future WSD Revenue Bonds
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2,589,667	1,200,000	3,789,667	0	0	0	0	0	0	0	0	0	3,789,667	WSD Wastewater Commercial Paper - 2015
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TOTAL	2,589,667	1,200,000	3,789,667	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	12,189,667	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1011. FLOW REDUCTION PROGRAM (FRP)

Commission District(s) Systemwide

OSBM No. 9650201

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.100890 S REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 14,000,000

REVENUES

	0	0	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	14,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	14,000,000	
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EXPENDITURES

	0	0	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	14,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	14,000,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1011. FLOW REDUCTION PROGRAM (FRP)

Commission District(s) Systemwide

OSBM No. 9650201

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	

.101807 S REHAB OF ALL JUNCTION CHAMBERS AND ASSOCIATED LINES - (CPCS)

Commission District(s) 4

Sub-Project Budget / Estimated 500,000

REVENUES													
	0	0	0	0	0	0	0	0	0	0	500,000	500,000	Future WASH Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	0	500,000	500,000	
EXPENDITURES													
	0	0	0	0	0	0	0	0	0	0	500,000	500,000	Future WASH Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	0	500,000	500,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1011. FLOW REDUCTION PROGRAM (FRP)

Commission District(s) Systemwide

OSBM No. 9650201

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.101865 S PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)

Commission District(s) Countywide

Sub-Project Budget / Estimated 44,937,494

REVENUES

	0	0	0	1,077,563	1,524,645	2,500,000	2,700,000	3,000,000	5,500,000	26,900,000	43,202,208	Future WAST Revenue Bonds
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	1,735,286	0	1,735,286	0	0	0	0	0	0	0	1,735,286	WAST Wastewater Commercial Paper - 2015
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TOTAL	1,735,286	0	1,735,286	1,077,563	1,524,645	2,500,000	2,700,000	3,000,000	5,500,000	26,900,000	44,937,494	
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EXPENDITURES

	0	0	0	1,077,563	1,524,645	2,500,000	2,700,000	3,000,000	5,500,000	26,900,000	43,202,208	Future WAST Revenue Bonds
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	170,801	1,564,485	1,735,286	0	0	0	0	0	0	0	1,735,286	WAST Wastewater Commercial Paper - 2015
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TOTAL	170,801	1,564,485	1,735,286	1,077,563	1,524,645	2,500,000	2,700,000	3,000,000	5,500,000	26,900,000	44,937,494	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1011. FLOW REDUCTION PROGRAM (FRP)

Commission District(s) Systemwide

OSBM No. 9650201

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.102246 S COUNTYWIDE CAPACITY AND FLOW REDUCTION (DIRECTOR)

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 191,164,026

REVENUES

	0	0	0	3,000,000	4,000,000	5,000,000	5,000,000	5,000,000	5,000,000	164,164,026	191,164,026	Future WASD Revenue Bonds
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TOTAL	0	0	0	3,000,000	4,000,000	5,000,000	5,000,000	5,000,000	5,000,000	164,164,026	191,164,026	
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EXPENDITURES

	0	0	0	3,000,000	4,000,000	5,000,000	5,000,000	5,000,000	5,000,000	164,164,026	191,164,026	Future WASD Revenue Bonds
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TOTAL	0	0	0	3,000,000	4,000,000	5,000,000	5,000,000	5,000,000	5,000,000	164,164,026	191,164,026	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1012. SANITARY SEWER SYSTEM IMPROVEMENTS
Commission District(s) Systemwide
OSBM No. 9650221

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
14,989,228													
REVENUES													
		10,534,674	0	10,534,674	0	0	0	0	0	0	0	10,534,674	WASD Wastewater Commercial Paper - 2015
		4,454,554	0	4,454,554	0	0	0	0	0	0	0	4,454,554	Wastewater Special Construction Fund
TOTAL	14,989,228.0	0	14,989,228	0.0	0	0	0	0	0	0	0	14,989,228	
EXPENDITURES													
		10,181,388	353,286	10,534,674	0	0	0	0	0	0	0	10,534,674	WASD Wastewater Commercial Paper - 2015
		18,323	1,436,231	1,454,554	500,000	500,000	500,000	500,000	500,000	500,000	0	4,454,554	Wastewater Special Construction Fund
TOTAL	10,199,711.5	1,789,517	11,989,228	500,000.0	500,000	500,000	500,000	500,000	500,000	500,000	0	14,989,228	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1012. SANITARY SEWER SYSTEM IMPROVEMENTS
Commission District(s) Systemwide
OSBM No. 9650221

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.100055 S SPECIAL CONSTRUCTION - SANITARY SEWER IMPROVEMENTS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	4,454,554												
REVENUES													
	4,454,554	0	4,454,554	0	0	0	0	0	0	0	0	4,454,554	Wastewater Special Construction Fund
TOTAL	4,454,554	0	4,454,554	0	0	0	0	0	0	0	0	4,454,554	
EXPENDITURES													
	18,323	1,436,231	1,454,554	500,000	500,000	500,000	500,000	500,000	500,000	500,000	0	4,454,554	Wastewater Special Construction Fund
TOTAL	18,323	1,436,231	1,454,554	500,000	500,000	500,000	500,000	500,000	500,000	500,000	0	4,454,554	
.102228 S DESIGN BUILD REPLACEMENT OF GRAVITY MAIN IN SHENANDOAH AREA - PHASE A													
Commission District(s) 5													
Sub-Project Budget / Estimated	5,771,107												
REVENUES													
	5,771,107	0	5,771,107	0	0	0	0	0	0	0	0	5,771,107	WASD Wastewater Commercial Paper - 2015
TOTAL	5,771,107	0	5,771,107	0	0	0	0	0	0	0	0	5,771,107	
EXPENDITURES													
	5,516,978	254,129	5,771,107	0	0	0	0	0	0	0	0	5,771,107	WASD Wastewater Commercial Paper - 2015
TOTAL	5,516,978	254,129	5,771,107	0	0	0	0	0	0	0	0	5,771,107	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1012. SANITARY SEWER SYSTEM IMPROVEMENTS
Commission District(s) Systemwide
OSBM No. 9650221

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102229 S DESIGN BUILD REPLACEMENT OF GRAVITY MAIN IN SHENANDOAH AREA - PHASE B

Commission District(s) 5

Sub-Project Budget / Estimated 4,763,567

REVENUES

	4,763,567	0	4,763,567	0	0	0	0	0	0	0	0	4,763,567	WASD Wastewater Commercial Paper - 2015
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TOTAL	4,763,567	0	4,763,567	0	0	0	0	0	0	0	0	4,763,567	
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EXPENDITURES

	4,664,410	99,157	4,763,567	0	0	0	0	0	0	0	0	4,763,567	WASD Wastewater Commercial Paper - 2015
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TOTAL	4,664,410	99,157	4,763,567	0	0	0	0	0	0	0	0	4,763,567	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
147,276,675													
REVENUES													
	0	0	0	750,000	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	127,879,287	140,629,287	Future WASH Revenue Bonds	
	203,302	0	203,302	0	0	0	0	0	0	0	203,302	S Construction - 2013 Bonds	
	2,878,109	0	2,878,109	0	0	0	0	0	0	0	2,878,109	WASH Wastewater Commercial Paper - 2015	
	3,565,977	0	3,565,977	0	0	0	0	0	0	0	3,565,977	Wastewater Renewal & Replacement Fund	
TOTAL	6,647,388.0	0	6,647,388	750,000.0	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	127,879,287	147,276,675		
EXPENDITURES													
	0	0	0	750,000	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	127,879,287	140,629,287	Future WASH Revenue Bonds	
	203,302	0	203,302	0	0	0	0	0	0	0	203,302	S Construction - 2013 Bonds	
	1,781,763	1,096,346	2,878,109	0	0	0	0	0	0	0	2,878,109	WASH Wastewater Commercial Paper - 2015	
	0	997,689	997,689	2,568,288	0	0	0	0	0	0	3,565,977	Wastewater Renewal & Replacement Fund	
TOTAL	1,985,064.2	2,094,035	4,079,099	3,318,288.0	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	127,879,287	147,276,674		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections										Bond Issue
Budget/ Estimate	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.101108 S MIAMI SERVICE FACILITY - PHASE 2

Commission District(s) 3

Sub-Project Budget / Estimated 21,537,853

REVENUES

	0	0	0	0	0	0	0	0	0	0	21,373,063	21,373,063	Future WASHD Revenue Bonds
	164,790	0	164,790	0	0	0	0	0	0	0	0	164,790	S Construction - 2013 Bonds
TOTAL	164,790	0	164,790	0	0	0	0	0	0	0	21,373,063	21,537,853	

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	21,373,063	21,373,063	Future WASHD Revenue Bonds
	164,790	0	164,790	0	0	0	0	0	0	0	0	164,790	S Construction - 2013 Bonds
TOTAL	164,790	0	164,790	0	0	0	0	0	0	0	21,373,063	21,537,853	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.101461 S NORTH MAINTENANCE CENTER													
Commission District(s) 1													
Sub-Project Budget / Estimated 12,174,912													
REVENUES													
		0	0	0	0	0	0	0	0	0	12,174,912	12,174,912	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	12,174,912	12,174,912	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	12,174,912	12,174,912	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	12,174,912	12,174,912	
.101506 S SOUTH MAINTENANCE CENTER													
Commission District(s) 9													
Sub-Project Budget / Estimated 23,639,461													
REVENUES													
		0	0	0	0	0	0	0	0	0	23,639,461	23,639,461	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	23,639,461	23,639,461	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	23,639,461	23,639,461	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	23,639,461	23,639,461	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

		Prior			Projections								
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.101653 S 11TH STREET DISTRIBUTION FACILITY RENOVATION

Commission District(s) 3

Sub-Project Budget / Estimated 3,599,510

REVENUES

	0	0	0	0	0	0	0	0	0	0	3,599,510	3,599,510	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	3,599,510	3,599,510	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	3,599,510	3,599,510	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	3,599,510	3,599,510	
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.101654 S WESTWOOD LAKES FACILITY ELEVATOR RENOVATION

Commission District(s) 10

Sub-Project Budget / Estimated 1,500,000

REVENUES

	0	0	0	0	0	0	0	0	0	0	1,500,000	1,500,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	1,500,000	1,500,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	1,500,000	1,500,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	1,500,000	1,500,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.101886 S MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING

Commission District(s) 1

Sub-Project Budget / Estimated 1,443,794

REVENUES

0	0	0	0	0	0	0	0	0	0	0	1,443,794	1,443,794	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	1,443,794	1,443,794	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	1,443,794	1,443,794	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	1,443,794	1,443,794	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	

.101887 S MEDLEY YARD BUILDING

Commission District(s) 12

Sub-Project Budget / Estimated 2,616,621

REVENUES

	38,512	0	38,512	0	0	0	0	0	0	0	0	38,512	S Construction - 2013 Bonds
	2,578,109	0	2,578,109	0	0	0	0	0	0	0	0	2,578,109	WASD Wastewater Commercial Paper - 2015
TOTAL	2,616,621	0	2,616,621	0	0	0	0	0	0	0	0	2,616,621	

EXPENDITURES

	38,512	0	38,512	0	0	0	0	0	0	0	0	38,512	S Construction - 2013 Bonds
	1,781,763	796,346	2,578,109	0	0	0	0	0	0	0	0	2,578,109	WASD Wastewater Commercial Paper - 2015
TOTAL	1,820,274	796,346	2,616,620	0	0	0	0	0	0	0	0	2,616,620	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.101999 S WEST MAINTENANCE CENTER													
Commission District(s) 10													
Sub-Project Budget / Estimated 41,000,000													
REVENUES													
		0	0	0	0	0	0	0	0	0	41,000,000	41,000,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	41,000,000	41,000,000	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	41,000,000	41,000,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	41,000,000	41,000,000	
.102000 S GENERAL MAINTENANCE LAND ACQUISITION - SEWER													
Commission District(s) 3													
Sub-Project Budget / Estimated 3,500,000													
REVENUES													
		0	0	0	0	0	0	0	0	0	3,500,000	3,500,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	3,500,000	3,500,000	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	3,500,000	3,500,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	3,500,000	3,500,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.102001 S LEJEUNE ROAD OFFICE EXPANSION - PHASE 2

Commission District(s) 7

Sub-Project Budget / Estimated 5,000,000

REVENUES

0	0	0	0	0	0	0	0	0	0	0	5,000,000	5,000,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	5,000,000	5,000,000	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	5,000,000	5,000,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	5,000,000	5,000,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102030 S EMERGENCY PREPAREDNESS/RECOVERY PROJECTS - (CPCS)													
Commission District(s) 3													
Sub-Project Budget / Estimated 25,000,000													
REVENUES													
		0	0	0	750,000	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	11,950,000	24,700,000	Future WSD Revenue Bonds
	300,000	0	300,000	0	0	0	0	0	0	0	0	300,000	WSD Wastewater Commercial Paper - 2015
TOTAL	300,000	0	300,000	750,000	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	11,950,000	25,000,000		
EXPENDITURES													
		0	0	0	750,000	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	11,950,000	24,700,000	Future WSD Revenue Bonds
	0	300,000	300,000	0	0	0	0	0	0	0	0	300,000	WSD Wastewater Commercial Paper - 2015
TOTAL	0	300,000	300,000	750,000	1,500,000	1,500,000	2,500,000	3,000,000	3,500,000	11,950,000	25,000,000		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.102052 S MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION													
Commission District(s) 9													
Sub-Project Budget / Estimated	2,698,547												
REVENUES													
		0	0	0	0	0	0	0	0	0	2,698,547	2,698,547	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	2,698,547	2,698,547	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	2,698,547	2,698,547	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	2,698,547	2,698,547	
.103005 S SOUTH MIAMI HEIGHTS TRAILER INSTALLATION AND SITE DEVELOPMENT													
Commission District(s) 9													
Sub-Project Budget / Estimated	3,565,977												
REVENUES													
	3,565,977	0	3,565,977	0	0	0	0	0	0	0	0	3,565,977	Wastewater Renewal & Replacement Fund
TOTAL	3,565,977	0	3,565,977	0	0	0	0	0	0	0	0	3,565,977	
EXPENDITURES													
	0	997,689	997,689	2,568,288	0	0	0	0	0	0	0	3,565,977	Wastewater Renewal & Replacement Fund
TOTAL	0	997,689	997,689	2,568,288	0	0	0	0	0	0	0	3,565,977	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1015. PUMP STATION IMPROVEMENTS PROGRAM
Commission District(s) Systemwide
OSBM No. 9651071

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
	125,902,587													
REVENUES														
		0	0	0	8,993,198	1,698,642	0	0	0	0	0	10,691,840	Future WASH Revenue Bonds	
		0	2,628,276	2,628,276	5,256,553	2,628,276	0	0	0	0	0	10,513,105	Plant Expansion Fund - Wastewater	
		25,919,595	0	25,919,595	0	0	0	0	0	0	0	25,919,595	S Construction - 2013 Bonds	
		78,778,047	0	78,778,047	0	0	0	0	0	0	0	78,778,047	WASH Wastewater Commercial Paper - 2015	
TOTAL		104,697,642.0	2,628,276	107,325,918	14,249,751.0	4,326,918	0	0	0	0	0	125,902,587		
EXPENDITURES														
		0	0	0	8,993,198	1,698,642	0	0	0	0	0	10,691,840	Future WASH Revenue Bonds	
		0	2,628,276	2,628,276	5,256,553	2,628,276	0	0	0	0	0	10,513,105	Plant Expansion Fund - Wastewater	
		25,919,595	0	25,919,595	0	0	0	0	0	0	0	25,919,595	S Construction - 2013 Bonds	
		56,456,743	22,321,304	78,778,047	0	0	0	0	0	0	0	78,778,047	WASH Wastewater Commercial Paper - 2015	
TOTAL		82,376,337.6	24,949,580	107,325,918	14,249,751.0	4,326,918	0	0	0	0	0	125,902,587		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1015. PUMP STATION IMPROVEMENTS PROGRAM
Commission District(s) Systemwide
OSBM No. 9651071

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.101454 S PUMP STATION IMPROVEMENT PROGRAM													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 125,902,587													
REVENUES													
		0	0	0	8,993,198	1,698,642	0	0	0	0	0	10,691,840	Future WAST Revenue Bonds
		0	2,628,276	2,628,276	5,256,553	2,628,276	0	0	0	0	0	10,513,105	Plant Expansion Fund - Wastewater
	25,919,595	0	25,919,595	0	0	0	0	0	0	0	0	25,919,595	S Construction - 2013 Bonds
	78,778,047	0	78,778,047	0	0	0	0	0	0	0	0	78,778,047	WAST Wastewater Commercial Paper - 2015
TOTAL	104,697,642	2,628,276	107,325,918	14,249,751	4,326,918	0	0	0	0	0	0	125,902,587	
EXPENDITURES													
		0	0	0	8,993,198	1,698,642	0	0	0	0	0	10,691,840	Future WAST Revenue Bonds
		0	2,628,276	2,628,276	5,256,553	2,628,276	0	0	0	0	0	10,513,105	Plant Expansion Fund - Wastewater
	25,919,595	0	25,919,595	0	0	0	0	0	0	0	0	25,919,595	S Construction - 2013 Bonds
	56,456,743	22,321,304	78,778,047	0	0	0	0	0	0	0	0	78,778,047	WAST Wastewater Commercial Paper - 2015
TOTAL	82,376,338	24,949,580	107,325,918	14,249,751	4,326,918	0	0	0	0	0	0	125,902,587	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
15,629,590														
REVENUES														
		0	0	0	737,914	3,206,611	1,500,000	950,000	750,000	300,000	5,598,900	13,043,425	Future WASH Revenue Bonds	
	298,049	789,928	1,087,977	1,498,188	0	0	0	0	0	0	0	2,586,165	Plant Expansion Fund - Wastewater	
TOTAL	298,049.0	789,928	1,087,977	2,236,102.0	3,206,611	1,500,000	950,000	750,000	300,000	5,598,900	15,629,590			
EXPENDITURES														
		0	0	0	737,914	3,206,611	1,500,000	950,000	750,000	300,000	5,598,900	13,043,425	Future WASH Revenue Bonds	
	298,049	789,928	1,087,977	1,498,188	0	0	0	0	0	0	0	2,586,165	Plant Expansion Fund - Wastewater	
TOTAL	298,048.6	789,928	1,087,977	2,236,102.0	3,206,611	1,500,000	950,000	750,000	300,000	5,598,900	15,629,590			



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.101774 S Force Main in Doral 36-Inch Diameter Sanitary Sewer FM: in 107 Avenue - from NW 7 St. to NW 25 Street													
36-Inch Diameter Sanitary Sewer Force Main: In 107 Avenue – from N.W.7 Street to N.W. 25 Street													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 10,030,690													
REVENUES													
	0	0	0	737,914	3,206,611	1,500,000	950,000	750,000	300,000	0	7,444,525	Future WASD Revenue Bonds	
	298,049	789,928	1,087,977	1,498,188	0	0	0	0	0	0	2,586,165	Plant Expansion Fund - Wastewater	
TOTAL	298,049	789,928	1,087,977	2,236,102	3,206,611	1,500,000	950,000	750,000	300,000	0	10,030,690		
EXPENDITURES													
	0	0	0	737,914	3,206,611	1,500,000	950,000	750,000	300,000	0	7,444,525	Future WASD Revenue Bonds	
	298,049	789,928	1,087,977	1,498,188	0	0	0	0	0	0	2,586,165	Plant Expansion Fund - Wastewater	
TOTAL	298,049	789,928	1,087,977	2,236,102	3,206,611	1,500,000	950,000	750,000	300,000	0	10,030,690		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102194 S WASTEWATER MASTER PLAN

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **5,598,900**

REVENUES

0	0	0	0	0	0	0	0	0	0	0	5,598,900	5,598,900	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	5,598,900	5,598,900	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	5,598,900	5,598,900	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	5,598,900	5,598,900	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
	41,003,594												
REVENUES													
		163,148	0	163,148	0	0	0	0	0	0	0	163,148	WASD Wastewater Commercial Paper - 2015
		18,840,446	0	18,840,446	1,500,000	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	40,840,446	Wastewater Renewal & Replacement Fund
TOTAL		19,003,594.0	0	19,003,594	1,500,000.0	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	41,003,594	
EXPENDITURES													
		163,148	0	163,148	0	0	0	0	0	0	0	163,148	WASD Wastewater Commercial Paper - 2015
		5,072,175	5,110,659	10,182,834	10,157,612	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	40,840,446	Wastewater Renewal & Replacement Fund
TOTAL		5,235,322.9	5,110,659	10,345,982	10,157,612.0	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	41,003,594	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	
	.100877 S SANITARY SEWER SYSTEM EXTENSION											
Commission District(s) COUNTYWIDE												
Sub-Project Budget / Estimated 37,300,098												
REVENUES												
	15,300,098	0	15,300,098	1,500,000	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	37,300,098	Wastewater Renewal & Replacement Fund
TOTAL	15,300,098	0	15,300,098	1,500,000	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	37,300,098	
EXPENDITURES												
	2,392,486	4,250,000	6,642,486	10,157,612	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	37,300,098	Wastewater Renewal & Replacement Fund
TOTAL	2,392,486	4,250,000	6,642,486	10,157,612	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	37,300,098	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue		

.101733 S SANITARY SEWER SYSTEM EXTENSION FOR JPA's

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **3,703,496**

REVENUES

	163,148	0	163,148	0	0	0	0	0	0	0	0	163,148	WASD Wastewater Commercial Paper - 2015
	3,540,348	0	3,540,348	0	0	0	0	0	0	0	0	3,540,348	Wastewater Renewal & Replacement Fund
TOTAL	3,703,496	0	3,703,496	0	0	0	0	0	0	0	0	3,703,496	

EXPENDITURES

	163,148	0	163,148	0	0	0	0	0	0	0	0	163,148	WASD Wastewater Commercial Paper - 2015
	2,679,689	860,659	3,540,348	0	0	0	0	0	0	0	0	3,540,348	Wastewater Renewal & Replacement Fund
TOTAL	2,842,837	860,659	3,703,496	0	0	0	0	0	0	0	0	3,703,496	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
	11,694,767												
REVENUES													
		0	0	0	1,229,474	1,604,607	1,634,165	1,590,270	1,600,542	1,644,675	1,750,000	11,053,733	Future WSD Revenue Bonds
		641,034	0	641,034	0	0	0	0	0	0	0	641,034	WSD Wastewater Commercial Paper - 2015
TOTAL		641,034.0	0	641,034	1,229,474.0	1,604,607	1,634,165	1,590,270	1,600,542	1,644,675	1,750,000	11,694,767	
EXPENDITURES													
		0	0	0	1,229,474	1,604,607	1,634,165	1,590,270	1,600,542	1,644,675	1,750,000	11,053,733	Future WSD Revenue Bonds
		0	641,034	641,034	0	0	0	0	0	0	0	641,034	WSD Wastewater Commercial Paper - 2015
TOTAL		0.0	641,034	641,034	1,229,474.0	1,604,607	1,634,165	1,590,270	1,600,542	1,644,675	1,750,000	11,694,767	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102164 S REPLACEMENT OF CONE VALVES AT PS# 1310													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		4,048,777											
REVENUES													
		0	0	0	791,034	966,167	750,000	650,000	500,542	0	0	3,657,743	Future WAST Revenue Bonds
	391,034	0	391,034	0	0	0	0	0	0	0	0	391,034	WAST Wastewater Commercial Paper - 2015
TOTAL	391,034	0	391,034	791,034	966,167	750,000	650,000	500,542	0	0	0	4,048,777	
EXPENDITURES													
		0	0	0	791,034	966,167	750,000	650,000	500,542	0	0	3,657,743	Future WAST Revenue Bonds
	0	391,034	391,034	0	0	0	0	0	0	0	0	391,034	WAST Wastewater Commercial Paper - 2015
TOTAL	0	391,034	391,034	791,034	966,167	750,000	650,000	500,542	0	0	0	4,048,777	



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WASTEWATER PROJECTS

1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	
.102165 S REPLACEMENT OF OBSOLETE GENERATORS												
Commission District(s)												
Sub-Project Budget / Estimated	7,645,990											
REVENUES												
	0	0	0	438,440	638,440	884,165	940,270	1,100,000	1,644,675	1,750,000	7,395,990	Future WAST Revenue Bonds
	250,000	0	250,000	0	0	0	0	0	0	0	250,000	WAST Wastewater Commercial Paper - 2015
TOTAL	250,000	0	250,000	438,440	638,440	884,165	940,270	1,100,000	1,644,675	1,750,000	7,645,990	
EXPENDITURES												
	0	0	0	438,440	638,440	884,165	940,270	1,100,000	1,644,675	1,750,000	7,395,990	Future WAST Revenue Bonds
	0	250,000	250,000	0	0	0	0	0	0	0	250,000	WAST Wastewater Commercial Paper - 2015
TOTAL	0	250,000	250,000	438,440	638,440	884,165	940,270	1,100,000	1,644,675	1,750,000	7,645,990	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1023. WASTEWATER TELEMETERING SYSTEM

Commission District(s) Systemwide

OSBM No. 9652481

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future			
	8,841,358													
REVENUES														
		1,278,707	0	1,278,707	0	0	0	0	0	0	0	1,278,707	WASD Wastewater Commercial Paper - 2015	
		1,441,651	0	1,441,651	121,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,562,651	Wastewater Renewal & Replacement Fund	
TOTAL		2,720,358.0	0	2,720,358	121,000.0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,841,358		
EXPENDITURES														
		0	1,278,707	1,278,707	0	0	0	0	0	0	0	1,278,707	WASD Wastewater Commercial Paper - 2015	
		803,151	517,500	1,320,651	121,000	1,121,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,562,651	Wastewater Renewal & Replacement Fund	
TOTAL		803,151.0	1,796,207	2,599,358	121,000.0	1,121,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,841,358		



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WASTEWATER PROJECTS

1023. WASTEWATER TELEMETERING SYSTEM

Commission District(s) Systemwide

OSBM No. 9652481

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.100621 S TELEMETERING SYSTEM - WASTEWATER													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	8,841,358												
REVENUES													
	1,278,707	0	1,278,707	0	0	0	0	0	0	0	0	1,278,707	WASD Wastewater Commercial Paper - 2015
	1,441,651	0	1,441,651	121,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,562,651	Wastewater Renewal & Replacement Fund
TOTAL	2,720,358	0	2,720,358	121,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,841,358	
EXPENDITURES													
	0	1,278,707	1,278,707	0	0	0	0	0	0	0	0	1,278,707	WASD Wastewater Commercial Paper - 2015
	803,151	517,500	1,320,651	121,000	1,121,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,562,651	Wastewater Renewal & Replacement Fund
TOTAL	803,151	1,796,207	2,599,358	121,000	1,121,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,841,358	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1024. WASTEWATER SYSTEM MAINTENANCE AND UPGRADES

Commission District(s) Systemwide

OSBM No. 9650361

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
REVENUES	182,412,634												
		23,117,363	23,500,000	46,617,363	15,795,271	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	182,412,634	Wastewater Renewal & Replacement Fund
TOTAL		23,117,363.0	23,500,000	46,617,363	15,795,271.0	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	182,412,634	
EXPENDITURES													
		15,559,323	24,476,311	40,035,634	22,377,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	182,412,634	Wastewater Renewal & Replacement Fund
TOTAL		15,559,323.0	24,476,311	40,035,634	22,377,000.0	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	182,412,634	

.100622 S WASTEWATER SYSTEM UPGRADES

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **182,412,634**

REVENUES													
		23,117,363	23,500,000	46,617,363	15,795,271	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	182,412,634	Wastewater Renewal & Replacement Fund
TOTAL		23,117,363	23,500,000	46,617,363	15,795,271	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	182,412,634	
EXPENDITURES													
		15,559,323	24,476,311	40,035,634	22,377,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	182,412,634	Wastewater Renewal & Replacement Fund
TOTAL		15,559,323	24,476,311	40,035,634	22,377,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	182,412,634	



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WASTEWATER PROJECTS

1025. LIFT STATION UPGRADES AND STRUCTURAL MAINTENANCE IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650371

	Prior			Projections									Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	
REVENUES													
	37,759,567												
		0	0	0	2,380,633	0	0	0	0	0	0	2,380,633	Future WASD Revenue Bonds
		2,374,037	0	2,374,037	0	0	0	0	0	0	0	2,374,037	WASD Wastewater Commercial Paper - 2015
		8,504,897	0	8,504,897	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	33,004,897	Wastewater Renewal & Replacement Fund
TOTAL		10,878,934.0	0	10,878,934	5,880,633.0	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	37,759,567	
EXPENDITURES													
		0	0	0	2,380,633	0	0	0	0	0	0	2,380,633	Future WASD Revenue Bonds
		0	2,374,037	2,374,037	0	0	0	0	0	0	0	2,374,037	WASD Wastewater Commercial Paper - 2015
		4,026,731	3,525,000	7,551,731	4,453,166	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	33,004,897	Wastewater Renewal & Replacement Fund
TOTAL		4,026,731.0	5,899,037	9,925,768	6,833,799.0	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	37,759,567	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1025. LIFT STATION UPGRADES AND STRUCTURAL MAINTENANCE IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650371

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.100623 S LIFT STATION STRUCTURAL MAINTENANCE & UPGRADES													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		37,759,567											
REVENUES													
		0	0	0	2,380,633	0	0	0	0	0	0	2,380,633	Future WASD Revenue Bonds
	2,374,037		0	2,374,037	0	0	0	0	0	0	0	2,374,037	WASD Wastewater Commercial Paper - 2015
	8,504,897		0	8,504,897	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	33,004,897	Wastewater Renewal & Replacement Fund
TOTAL	10,878,934	0	0	10,878,934	5,880,633	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	37,759,567	
EXPENDITURES													
		0	0	0	2,380,633	0	0	0	0	0	0	2,380,633	Future WASD Revenue Bonds
	0	2,374,037		2,374,037	0	0	0	0	0	0	0	2,374,037	WASD Wastewater Commercial Paper - 2015
	4,026,731	3,525,000		7,551,731	4,453,166	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	33,004,897	Wastewater Renewal & Replacement Fund
TOTAL	4,026,731	5,899,037	0	9,925,768	6,833,799	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	37,759,567	



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WASTEWATER PROJECTS

1027. WASTEWATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650301

	Prior			Projections									Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	
150,650,039													
REVENUES													
		551,811	0	551,811	0	0	0	0	0	0	0	551,811	WASD Wastewater Commercial Paper - 2015
	41,414,228	7,500,000	48,914,228	10,184,000	16,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	150,098,228	Wastewater Renewal & Replacement Fund
TOTAL	41,966,038.6	7,500,000	49,466,039	10,184,000.0	16,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	150,650,039	
EXPENDITURES													
		0	551,811	551,811	0	0	0	0	0	0	0	551,811	WASD Wastewater Commercial Paper - 2015
	33,879,570	12,183,443	46,063,013	9,573,130	19,462,085	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	150,098,228	Wastewater Renewal & Replacement Fund
TOTAL	33,879,570.0	12,735,254	46,614,824	9,573,130.0	19,462,085	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	150,650,039	



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WASTEWATER PROJECTS
1027. WASTEWATER EQUIPMENT AND VEHICLES
Commission District(s) Systemwide
OSBM No. 9650301

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.100625 S MISCELLANEOUS TOOLS AND EQUIPMENT

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 39,415,867

REVENUES

	551,811	0	551,811	0	0	0	0	0	0	0	0	551,811	WASD Wastewater Commercial Paper - 2015
	8,864,056	0	8,864,056	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	38,864,056	Wastewater Renewal & Replacement Fund
TOTAL	9,415,867	0	9,415,867	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	39,415,867	

EXPENDITURES

	0	551,811	551,811	0	0	0	0	0	0	0	0	551,811	WASD Wastewater Commercial Paper - 2015
	7,254,936	535,400	7,790,336	1,073,720	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	38,864,056	Wastewater Renewal & Replacement Fund
TOTAL	7,254,936	1,087,211	8,342,147	1,073,720	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	39,415,867	



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WASTEWATER PROJECTS
1027. WASTEWATER EQUIPMENT AND VEHICLES
Commission District(s) Systemwide
OSBM No. 9650301

	Prior			Projections								Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		
.101729 S VEHICLES/TRANSPORTATION EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 61,506,810													
REVENUES													
		14,506,810	5,000,000	19,506,810	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	61,506,810	Wastewater Renewal & Replacement Fund
TOTAL		14,506,810	5,000,000	19,506,810	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	61,506,810	
EXPENDITURES													
		12,563,772	5,165,543	17,729,315	4,315,410	9,462,085	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	61,506,810	Wastewater Renewal & Replacement Fund
TOTAL		12,563,772	5,165,543	17,729,315	4,315,410	9,462,085	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	61,506,810	
.101730 S HEAVY CONSTRUCTION EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 49,727,362													
REVENUES													
		18,043,362	2,500,000	20,543,362	4,184,000	5,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	49,727,362	Wastewater Renewal & Replacement Fund
TOTAL		18,043,362	2,500,000	20,543,362	4,184,000	5,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	49,727,362	
EXPENDITURES													
		14,060,862	6,482,500	20,543,362	4,184,000	5,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	49,727,362	Wastewater Renewal & Replacement Fund
TOTAL		14,060,862	6,482,500	20,543,362	4,184,000	5,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	49,727,362	



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WASTEWATER PROJECTS

1029. WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION

Commission District(s) Systemwide

OSBM No. 9653261

	Prior			Projections									Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	
REVENUES	105,095,210												
		24,496,404	15,000,000	39,496,404	8,600,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	102,096,404	Wastewater Renewal & Replacement Fund
		2,998,806	0	2,998,806	0	0	0	0	0	0	0	2,998,806	Wastewater Special Construction Fund
TOTAL		27,495,210.0	15,000,000	42,495,210	8,600,000.0	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	105,095,210	
EXPENDITURES													
		20,108,857	15,602,475	35,711,332	12,385,072	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	102,096,404	Wastewater Renewal & Replacement Fund
		1,435,037	1,563,769	2,998,806	0	0	0	0	0	0	0	2,998,806	Wastewater Special Construction Fund
TOTAL		21,543,894.0	17,166,244	38,710,138	12,385,072.0	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	105,095,210	



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WASTEWATER PROJECTS

1029. WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION

Commission District(s) Systemwide

OSBM No. 9653261

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.100627 S WASTEWATER TREATMENT PLANTS REHABILITATION													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 101,985,077													
REVENUES													
	21,386,271	15,000,000	36,386,271	8,600,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	98,986,271	Wastewater Renewal & Replacement Fund
	2,998,806	0	2,998,806	0	0	0	0	0	0	0	0	2,998,806	Wastewater Special Construction Fund
TOTAL	24,385,077	15,000,000	39,385,077	8,600,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	101,985,077	
EXPENDITURES													
	17,448,224	15,152,975	32,601,199	12,385,072	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	98,986,271	Wastewater Renewal & Replacement Fund
	1,435,037	1,563,769	2,998,806	0	0	0	0	0	0	0	0	2,998,806	Wastewater Special Construction Fund
TOTAL	18,883,261	16,716,744	35,600,005	12,385,072	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	101,985,077	



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WASTEWATER PROJECTS

1029. WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION

Commission District(s) Systemwide

OSBM No. 9653261

	Prior			Projections								Bond Issue	
	Budget/	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	Future		Total
	Estimate Cost	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025			
.101732 S SECURITY PROJECTS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	3,110,133												
REVENUES													
	3,110,133	0	3,110,133	0	0	0	0	0	0	0	0	3,110,133	Wastewater Renewal & Replacement Fund
TOTAL	3,110,133	0	3,110,133	0	0	0	0	0	0	0	0	3,110,133	
EXPENDITURES													
	2,660,633	449,500	3,110,133	0	0	0	0	0	0	0	0	3,110,133	Wastewater Renewal & Replacement Fund
TOTAL	2,660,633	449,500	3,110,133	0	0	0	0	0	0	0	0	3,110,133	



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WASTEWATER PROJECTS

1032. WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652061

	Prior			Projections									Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	
	4,641,916												
REVENUES													
		0	0	0	1,793,312	1,160,180	1,000,000	0	0	0	0	3,953,492	Future WAST Revenue Bonds
		688,424	0	688,424	0	0	0	0	0	0	0	688,424	WAST Wastewater Commercial Paper - 2015
TOTAL		688,424.0	0	688,424	1,793,312.0	1,160,180	1,000,000	0	0	0	0	4,641,916	
EXPENDITURES													
		0	0	0	1,793,312	1,160,180	1,000,000	0	0	0	0	3,953,492	Future WAST Revenue Bonds
		0	688,424	688,424	0	0	0	0	0	0	0	688,424	WAST Wastewater Commercial Paper - 2015
TOTAL		0.0	688,424	688,424	1,793,312.0	1,160,180	1,000,000	0	0	0	0	4,641,916	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1032. WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652061

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.101885 S WWTP - VIDEO SURVEILANCE SYSTEM

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 4,641,916

REVENUES

	0	0	0	1,793,312	1,160,180	1,000,000	0	0	0	0	3,953,492	Future WASD Revenue Bonds
	688,424	0	688,424	0	0	0	0	0	0	0	688,424	WASD Wastewater Commercial Paper - 2015
TOTAL	688,424	0	688,424	1,793,312	1,160,180	1,000,000	0	0	0	0	4,641,916	

EXPENDITURES

	0	0	0	1,793,312	1,160,180	1,000,000	0	0	0	0	3,953,492	Future WASD Revenue Bonds
	0	688,424	688,424	0	0	0	0	0	0	0	688,424	WASD Wastewater Commercial Paper - 2015
TOTAL	0	688,424	688,424	1,793,312	1,160,180	1,000,000	0	0	0	0	4,641,916	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1039. MIAMI SPRINGS CONSTRUCTION FUND - WASTEWATER

Commission District(s) 6

OSBM No. 969110

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
	1,326,105												
REVENUES													
		866,794	0	866,794	0	207,466	251,845	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL		866,794.0	0	866,794	0.0	207,466	251,845	0	0	0	0	1,326,105	
EXPENDITURES													
		866,794	0	866,794	0	207,466	251,845	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL		866,794.1	0	866,794	0.0	207,466	251,845	0	0	0	0	1,326,105	

.101791 S CONTRACT SPECIFICATIONS MIASP

Commission District(s) 1,2,8,13

Sub-Project Budget / Estimated **1,326,105**

REVENUES													
		866,794	0	866,794	0	207,466	251,845	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL		866,794	0	866,794	0	207,466	251,845	0	0	0	0	1,326,105	
EXPENDITURES													
		866,794	0	866,794	0	207,466	251,845	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL		866,794	0	866,794	0	207,466	251,845	0	0	0	0	1,326,105	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
	1,645,999,978													
REVENUES														
		0	0	0	42,576,660	43,686,659	81,836,129	151,655,052	206,304,855	239,376,269	515,628,462	1,281,064,086	Future WASH Revenue Bonds	
		5,466,731	14,184,743	19,651,474	16,420,498	15,909,944	14,240,211	12,088,312	20,752,541	18,000,000	0	117,062,980	Plant Expansion Fund - Wastewater	
		3,025,000	0	3,025,000	0	0	0	0	0	0	0	3,025,000	S Construction - 2013 Bonds	
		21,045,684	20,000,000	41,045,684	0	0	0	0	0	0	0	41,045,684	State Revolving Loans - Wastewater	
		103,038,053	0	103,038,053	0	0	0	0	0	0	0	103,038,053	WASH Wastewater Commercial Paper - 2015	
		1,064,175	0	1,064,175	0	0	0	0	0	0	0	1,064,175	Wastewater Special Construction Fund	
		0	99,700,000	99,700,000	0	0	0	0	0	0	0	99,700,000	WIFIA LOAN	
TOTAL		133,639,643.4	133,884,743	267,524,386	58,997,158.0	59,596,603	96,076,340	163,743,364	227,057,396	257,376,269	515,628,462	1,645,999,978		
EXPENDITURES														
		0	0	0	42,576,660	43,686,659	81,836,129	151,655,052	206,304,855	239,376,269	515,628,462	1,281,064,086	Future WASH Revenue Bonds	
		5,466,731	14,184,743	19,651,474	16,420,498	15,909,944	14,240,211	12,088,312	20,752,541	18,000,000	0	117,062,980	Plant Expansion Fund - Wastewater	
		3,025,000	0	3,025,000	0	0	0	0	0	0	0	3,025,000	S Construction - 2013 Bonds	
		21,045,684	0	21,045,684	7,891,602	11,523,165	585,233	0	0	0	0	41,045,684	State Revolving Loans - Wastewater	
		61,014,366	42,023,688	103,038,054	0	0	0	0	0	0	0	103,038,054	WASH Wastewater Commercial Paper - 2015	
		1,064,175	0	1,064,175	0	0	0	0	0	0	0	1,064,175	Wastewater Special Construction Fund	
		0	15,528,827	15,528,827	10,121,686	27,493,200	32,349,353	14,206,934	0	0	0	99,700,000	WIFIA LOAN	
TOTAL		91,615,955.3	71,737,258	163,353,213	77,010,446.0	98,612,968	129,010,926	177,950,298	227,057,396	257,376,269	515,628,462	1,645,999,978		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.101867 S CDWWTP HLD FILTERS (141 MGD) (CT-2)													
Commission District(s) 7													
Sub-Project Budget / Estimated 281,719,933													
REVENUES													
		0	0	0	7,779,381	3,978,489	12,727,580	25,937,302	31,062,056	59,132,093	136,084,700	276,701,601	Future WAST Revenue Bonds
	5,018,332	0	5,018,332	0	0	0	0	0	0	0	0	5,018,332	WAST Wastewater Commercial Paper - 2015
TOTAL	5,018,332	0	5,018,332	7,779,381	3,978,489	12,727,580	25,937,302	31,062,056	59,132,093	136,084,700	281,719,933		
EXPENDITURES													
		0	0	0	7,779,381	3,978,489	12,727,580	25,937,302	31,062,056	59,132,093	136,084,700	276,701,601	Future WAST Revenue Bonds
	306,332	4,712,000	5,018,332	0	0	0	0	0	0	0	0	5,018,332	WAST Wastewater Commercial Paper - 2015
TOTAL	306,332	4,712,000	5,018,332	7,779,381	3,978,489	12,727,580	25,937,302	31,062,056	59,132,093	136,084,700	281,719,933		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
	.102006 S NDWWTP - HLD TREATMENT 57 MGD (NT-2)													
Commission District(s) 4														
Sub-Project Budget / Estimated 214,374,297														
REVENUES														
	0	0	0	4,384,143	8,499,502	4,802,470	20,573,123	32,443,681	41,184,672	102,436,706	214,324,297	Future WAST Revenue Bonds		
	50,000	0	50,000	0	0	0	0	0	0	0	50,000	WAST Wastewater Commercial Paper - 2015		
TOTAL	50,000	0	50,000	4,384,143	8,499,502	4,802,470	20,573,123	32,443,681	41,184,672	102,436,706	214,374,297			
EXPENDITURES														
	0	0	0	4,384,143	8,499,502	4,802,470	20,573,123	32,443,681	41,184,672	102,436,706	214,324,297	Future WAST Revenue Bonds		
	0	50,000	50,000	0	0	0	0	0	0	0	50,000	WAST Wastewater Commercial Paper - 2015		
TOTAL	0	50,000	50,000	4,384,143	8,499,502	4,802,470	20,573,123	32,443,681	41,184,672	102,436,706	214,374,297			



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
.102007 S NDWWTP- BZ DEEP INJECTION WELLS (NE-2) (WIFIA)														
Commission District(s) 4														
Sub-Project Budget / Estimated	49,758,212													
REVENUES														
	0	0	0	0	0	0	0	7,863,132	7,732,249	3,467,198	2,002,000	21,064,579	Future WASD Revenue Bonds	
	166,590	0	166,590	0	0	0	0	0	0	0	0	166,590	Wastewater Special Construction Fund	
	0	28,527,043	28,527,043	0	0	0	0	0	0	0	0	28,527,043	WIFIA LOAN	
TOTAL	166,590	28,527,043	28,693,633	0	0	0	7,863,132	7,732,249	3,467,198	2,002,000	49,758,212			
EXPENDITURES														
	0	0	0	0	0	0	0	7,863,132	7,732,249	3,467,198	2,002,000	21,064,579	Future WASD Revenue Bonds	
	166,590	0	166,590	0	0	0	0	0	0	0	0	166,590	Wastewater Special Construction Fund	
	0	997,085	997,085	2,230,084	12,487,189	11,795,162	1,017,523	0	0	0	0	28,527,043	WIFIA LOAN	
TOTAL	166,590	997,085	1,163,675	2,230,084	12,487,189	11,795,162	8,880,655	7,732,249	3,467,198	2,002,000	49,758,212			



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102008 S NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)

Commission District(s) 4

Sub-Project Budget / Estimated 54,564,514

REVENUES

	0	0	0	569,991	1,478,573	853,355	5,675,463	19,585,466	10,008,745	16,392,921	54,564,514	Future WASD Revenue Bonds
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TOTAL	0	0	0	569,991	1,478,573	853,355	5,675,463	19,585,466	10,008,745	16,392,921	54,564,514	
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EXPENDITURES

	0	0	0	569,991	1,478,573	853,355	5,675,463	19,585,466	10,008,745	16,392,921	54,564,514	Future WASD Revenue Bonds
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TOTAL	0	0	0	569,991	1,478,573	853,355	5,675,463	19,585,466	10,008,745	16,392,921	54,564,514	
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Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
.102009 S CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)														
Commission District(s) 7														
Sub-Project Budget / Estimated 101,630,410														
REVENUES														
	0	0	0	0	0	0	0	0	0	19,739,448	16,000,000	35,739,448	Future WASD Revenue Bonds	
	0	1,865,080	1,865,080	2,234,874	3,409,944	7,540,211	12,088,312	20,752,541	18,000,000	0	65,890,962	Plant Expansion Fund - Wastewater		
TOTAL	0	1,865,080	1,865,080	2,234,874	3,409,944	7,540,211	12,088,312	20,752,541	37,739,448	16,000,000	101,630,410			
EXPENDITURES														
	0	0	0	0	0	0	0	0	0	19,739,448	16,000,000	35,739,448	Future WASD Revenue Bonds	
	0	1,865,080	1,865,080	2,234,874	3,409,944	7,540,211	12,088,312	20,752,541	18,000,000	0	65,890,962	Plant Expansion Fund - Wastewater		
TOTAL	0	1,865,080	1,865,080	2,234,874	3,409,944	7,540,211	12,088,312	20,752,541	37,739,448	16,000,000	101,630,410			



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
.102010 S CDWWTP- BZ DEEP INJECTION WELLS (CE-2) (WIFIA)													
Commission District(s) 7													
Sub-Project Budget / Estimated 86,431,109													
REVENUES													
	0	0	0	0	0	0	0	1,810,589	13,100,000	10,272,503	76,545	25,259,637	Future WASH Revenue Bonds
	0	10,000,000	10,000,000	0	0	0	0	0	0	0	0	10,000,000	State Revolving Loans - Wastewater
	380,132	0	380,132	0	0	0	0	0	0	0	0	380,132	WASH Wastewater Commercial Paper - 2015
	643,731	0	643,731	0	0	0	0	0	0	0	0	643,731	Wastewater Special Construction Fund
	0	50,147,609	50,147,609	0	0	0	0	0	0	0	0	50,147,609	WIFIA LOAN
TOTAL	1,023,863	60,147,609	61,171,472	0	0	0	0	1,810,589	13,100,000	10,272,503	76,545	86,431,109	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
EXPENDITURES														
		0	0	0	0	0	0	1,810,589	13,100,000	10,272,503	76,545	25,259,637	Future WASH Revenue Bonds	
		0	0	0	2,890,855	7,109,145	0	0	0	0	0	10,000,000	State Revolving Loans - Wastewater	
	380,132		0	380,132	0	0	0	0	0	0	0	380,132	WASH Wastewater Commercial Paper - 2015	
	643,731		0	643,731	0	0	0	0	0	0	0	643,731	Wastewater Special Construction Fund	
	0	6,953,940	6,953,940	6,953,940	2,890,855	10,591,991	16,521,412	13,189,411	0	0	0	50,147,609	WIFIA LOAN	
TOTAL	1,023,863	6,953,940	6,953,940	7,977,803	5,781,710	17,701,136	16,521,412	15,000,000	13,100,000	10,272,503	76,545	86,431,109		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				

.102034 S LAND ACQUISITION FOR WDWWT (WDWRRF) (WT-1L)

Commission District(s) 12

Sub-Project Budget / Estimated 25,304,471

REVENUES

	5,466,731	0	5,466,731	10,179,639	7,000,000	0	0	0	0	0	22,646,370	Plant Expansion Fund - Wastewater
	1,016,353	0	1,016,353	0	0	0	0	0	0	0	1,016,353	S Construction - 2013 Bonds
	1,641,748	0	1,641,748	0	0	0	0	0	0	0	1,641,748	WASD Wastewater Commercial Paper - 2015
TOTAL	8,124,832	0	8,124,832	10,179,639	7,000,000	0	0	0	0	0	25,304,471	

EXPENDITURES

	5,466,731	0	5,466,731	10,179,639	7,000,000	0	0	0	0	0	22,646,370	Plant Expansion Fund - Wastewater
	1,016,353	0	1,016,353	0	0	0	0	0	0	0	1,016,353	S Construction - 2013 Bonds
	1,641,748	0	1,641,748	0	0	0	0	0	0	0	1,641,748	WASD Wastewater Commercial Paper - 2015
TOTAL	8,124,832	0	8,124,832	10,179,639	7,000,000	0	0	0	0	0	25,304,471	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102038 S CDWWTP - CENTRATE INJECTION WELL (CE-4)													
Commission District(s) 7													
Sub-Project Budget / Estimated	43,276,402												
REVENUES													
	21,045,684	0	21,045,684	0	0	0	0	0	0	0	0	21,045,684	State Revolving Loans - Wastewater
	22,230,718	0	22,230,718	0	0	0	0	0	0	0	0	22,230,718	WASD Wastewater Commercial Paper - 2015
TOTAL	43,276,402	0	43,276,402	0	0	0	0	0	0	0	0	43,276,402	
EXPENDITURES													
	21,045,684	0	21,045,684	0	0	0	0	0	0	0	0	21,045,684	State Revolving Loans - Wastewater
	21,730,718	500,000	22,230,718	0	0	0	0	0	0	0	0	22,230,718	WASD Wastewater Commercial Paper - 2015
TOTAL	42,776,402	500,000	43,276,402	0	0	0	0	0	0	0	0	43,276,402	



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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
.102073 S CDWWTP - PEAK FLOW TREATMENT (CT-3)														
Commission District(s) 7														
Sub-Project Budget / Estimated 59,356,991														
REVENUES														
		0	0	0	1,073,461	1,400,161	15,871,762	17,963,801	10,771,535	7,000,000	0	54,080,720	Future WASD Revenue Bonds	
		0	3,100,000	3,100,000	470,000	0	0	0	0	0	0	3,570,000	Plant Expansion Fund - Wastewater	
	1,706,271	0	1,706,271	0	0	0	0	0	0	0	0	1,706,271	WASD Wastewater Commercial Paper - 2015	
TOTAL	1,706,271	3,100,000	4,806,271	1,543,461	1,400,161	15,871,762	17,963,801	10,771,535	7,000,000	0	59,356,991			
EXPENDITURES														
		0	0	0	1,073,461	1,400,161	15,871,762	17,963,801	10,771,535	7,000,000	0	54,080,720	Future WASD Revenue Bonds	
		0	3,100,000	3,100,000	470,000	0	0	0	0	0	0	3,570,000	Plant Expansion Fund - Wastewater	
	0	1,706,271	1,706,271	0	0	0	0	0	0	0	0	1,706,271	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	4,806,271	4,806,271	1,543,461	1,400,161	15,871,762	17,963,801	10,771,535	7,000,000	0	59,356,991			



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102080 S NDWWTP - PEAK FLOW TREATMENT (NT-3)

Commission District(s) 4

Sub-Project Budget / Estimated 60,397,883

REVENUES

	0	0	0	867,782	2,237,205	1,495,014	7,163,277	14,808,233	10,860,093	22,966,279	60,397,883	Future WASD Revenue Bonds
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TOTAL	0	0	0	867,782	2,237,205	1,495,014	7,163,277	14,808,233	10,860,093	22,966,279	60,397,883	
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EXPENDITURES

	0	0	0	867,782	2,237,205	1,495,014	7,163,277	14,808,233	10,860,093	22,966,279	60,397,883	Future WASD Revenue Bonds
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TOTAL	0	0	0	867,782	2,237,205	1,495,014	7,163,277	14,808,233	10,860,093	22,966,279	60,397,883	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	

.102096 S CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)

Commission District(s) 7

Sub-Project Budget / Estimated 35,746,465

REVENUES

	0	0	0	1,840,455	0	0	0	0	0	0	0	1,840,455	Future WASD Revenue Bonds
	2,008,647	0	2,008,647	0	0	0	0	0	0	0	0	2,008,647	S Construction - 2013 Bonds
	31,897,363	0	31,897,363	0	0	0	0	0	0	0	0	31,897,363	WASD Wastewater Commercial Paper - 2015
TOTAL	33,906,010	0	33,906,010	1,840,455	0	0	0	0	0	0	0	35,746,465	

EXPENDITURES

	0	0	0	1,840,455	0	0	0	0	0	0	0	1,840,455	Future WASD Revenue Bonds
	2,008,647	0	2,008,647	0	0	0	0	0	0	0	0	2,008,647	S Construction - 2013 Bonds
	19,185,651	12,711,712	31,897,363	0	0	0	0	0	0	0	0	31,897,363	WASD Wastewater Commercial Paper - 2015
TOTAL	21,194,298	12,711,712	33,906,010	1,840,455	0	0	0	0	0	0	0	35,746,465	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102138 S OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM													
Commission District(s) Countywide													
Sub-Project Budget / Estimated 116,908,076													
REVENUES													
		0	0	0	13,250,770	15,578,194	16,827,445	13,028,270	10,882,117	5,811,059	8,840,023	84,217,878	Future WAST Revenue Bonds
	32,690,198		0	32,690,198	0	0	0	0	0	0	0	32,690,198	WAST Wastewater Commercial Paper - 2015
TOTAL	32,690,198	0	0	32,690,198	13,250,770	15,578,194	16,827,445	13,028,270	10,882,117	5,811,059	8,840,023	116,908,076	
EXPENDITURES													
		0	0	0	13,250,770	15,578,194	16,827,445	13,028,270	10,882,117	5,811,059	8,840,023	84,217,878	Future WAST Revenue Bonds
	17,728,309	14,961,889		32,690,198	0	0	0	0	0	0	0	32,690,198	WAST Wastewater Commercial Paper - 2015
TOTAL	17,728,309	14,961,889		32,690,198	13,250,770	15,578,194	16,827,445	13,028,270	10,882,117	5,811,059	8,840,023	116,908,076	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	
.102150 S SE-2 SDWWTP BZ DEEP MUNICIPAL INJECTION WELLS (WIFIA)												
Commission District(s) 8												
Sub-Project Budget / Estimated 33,970,159												
REVENUES												
	0	0	0	0	0	821,442	1,828,040	0	0	0	2,649,482	Future WASD Revenue Bonds
	0	10,000,000	10,000,000	0	0	0	0	0	0	0	10,000,000	State Revolving Loans - Wastewater
	41,475	0	41,475	0	0	0	0	0	0	0	41,475	WASD Wastewater Commercial Paper - 2015
	253,854	0	253,854	0	0	0	0	0	0	0	253,854	Wastewater Special Construction Fund
	0	21,025,348	21,025,348	0	0	0	0	0	0	0	21,025,348	WIFIA LOAN
TOTAL	295,329	31,025,348	31,320,677	0	0	821,442	1,828,040	0	0	0	33,970,159	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	
	0	0	0	0	0	821,442	1,828,040	0	0	0	2,649,482	Future WASH Revenue Bonds
	0	0	0	5,000,747	4,414,020	585,233	0	0	0	0	10,000,000	State Revolving Loans - Wastewater
	41,475	0	41,475	0	0	0	0	0	0	0	41,475	WASH Wastewater Commercial Paper - 2015
	253,854	0	253,854	0	0	0	0	0	0	0	253,854	Wastewater Special Construction Fund
	0	7,577,802	7,577,802	5,000,747	4,414,020	4,032,779	0	0	0	0	21,025,348	WIFIA LOAN
TOTAL	295,329	7,577,802	7,873,131	10,001,494	8,828,040	5,439,454	1,828,040	0	0	0	33,970,159	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
.102220 S NDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING														
Commission District(s)														
Sub-Project Budget / Estimated	113,274,840													
REVENUES														
	0	0	0	2,828,517	4,265,859	10,822,870	16,562,581	19,952,786	24,185,589	33,000,000	111,618,202	Future WSD Revenue Bonds		
	1,656,638	0	1,656,638	0	0	0	0	0	0	0	1,656,638	WSD Wastewater Commercial Paper - 2015		
TOTAL	1,656,638	0	1,656,638	2,828,517	4,265,859	10,822,870	16,562,581	19,952,786	24,185,589	33,000,000	113,274,840			
EXPENDITURES														
	0	0	0	2,828,517	4,265,859	10,822,870	16,562,581	19,952,786	24,185,589	33,000,000	111,618,202	Future WSD Revenue Bonds		
	0	1,656,638	1,656,638	0	0	0	0	0	0	0	1,656,638	WSD Wastewater Commercial Paper - 2015		
TOTAL	0	1,656,638	1,656,638	2,828,517	4,265,859	10,822,870	16,562,581	19,952,786	24,185,589	33,000,000	113,274,840			



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
.102222 S CDWWTP ELECTRICAL DISTRIBUTION BUILDINGS 2 AND 3 (CT-3C)														
Commission District(s)														
Sub-Project Budget / Estimated	204,826,136													
REVENUES														
	0	0	0	3,583,962	4,087,903	7,564,191	12,247,285	20,933,010	27,214,869	122,942,994	198,574,214	Future WASH Revenue Bonds		
	0	2,593,766	2,593,766	1,535,985	0	0	0	0	0	0	4,129,751	Plant Expansion Fund - Wastewater		
	2,122,171	0	2,122,171	0	0	0	0	0	0	0	2,122,171	WASH Wastewater Commercial Paper - 2015		
TOTAL	2,122,171	2,593,766	4,715,937	5,119,947	4,087,903	7,564,191	12,247,285	20,933,010	27,214,869	122,942,994	204,826,136			



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
EXPENDITURES													
		0	0	0	3,583,962	4,087,903	7,564,191	12,247,285	20,933,010	27,214,869	122,942,994	198,574,214	Future WSD Revenue Bonds
		0	2,593,766	2,593,766	1,535,985	0	0	0	0	0	0	4,129,751	Plant Expansion Fund - Wastewater
		0	2,122,171	2,122,171	0	0	0	0	0	0	0	2,122,171	WSD Wastewater Commercial Paper - 2015
TOTAL		0	4,715,937	4,715,937	5,119,947	4,087,903	7,564,191	12,247,285	20,933,010	27,214,869	122,942,994	204,826,136	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections										Bond Issue
	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	Future	Total			
	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025					
.103006 S CDWWTP - Preliminary Site Preparation (CT-2B)														
Commission District(s) 7														
Sub-Project Budget / Estimated	11,303,020													
REVENUES														
	0	0	0	4,528,524	371,832	0	0	0	0	0	0	4,900,356	Future WASD Revenue Bonds	
	0	2,971,465	2,971,465	1,000,000	0	0	0	0	0	0	0	3,971,465	Plant Expansion Fund - Wastewater	
	2,431,199	0	2,431,199	0	0	0	0	0	0	0	0	2,431,199	WASD Wastewater Commercial Paper - 2015	
TOTAL	2,431,199	2,971,465	5,402,664	5,528,524	371,832	0	0	0	0	0	0	11,303,020		
EXPENDITURES														
	0	0	0	4,528,524	371,832	0	0	0	0	0	0	4,900,356	Future WASD Revenue Bonds	
	0	2,971,465	2,971,465	1,000,000	0	0	0	0	0	0	0	3,971,465	Plant Expansion Fund - Wastewater	
	0	2,431,199	2,431,199	0	0	0	0	0	0	0	0	2,431,199	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	5,402,664	5,402,664	5,528,524	371,832	0	0	0	0	0	0	11,303,020		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	
.103007 S CDWWTP - O2 Clarifiers & secondary Filters (CT-3B)												
Commission District(s) 7												
Sub-Project Budget / Estimated	153,157,060											
REVENUES												
	0	0	0	1,869,674	1,788,941	10,050,000	21,002,189	25,033,722	20,500,000	54,886,294	135,130,820	Future WASH Revenue Bonds
	0	3,654,432	3,654,432	1,000,000	5,500,000	6,700,000	0	0	0	0	16,854,432	Plant Expansion Fund - Wastewater
	1,171,808	0	1,171,808	0	0	0	0	0	0	0	1,171,808	WASH Wastewater Commercial Paper - 2015
TOTAL	1,171,808	3,654,432	4,826,240	2,869,674	7,288,941	16,750,000	21,002,189	25,033,722	20,500,000	54,886,294	153,157,060	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
EXPENDITURES													
	0	0	0	1,869,674	1,788,941	10,050,000	21,002,189	25,033,722	20,500,000	54,886,294	135,130,820	Future WSD Revenue Bonds	
	0	3,654,432	3,654,432	1,000,000	5,500,000	6,700,000	0	0	0	0	16,854,432	Plant Expansion Fund - Wastewater	
	0	1,171,808	1,171,808	0	0	0	0	0	0	0	1,171,808	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	4,826,240	4,826,240	2,869,674	7,288,941	16,750,000	21,002,189	25,033,722	20,500,000	54,886,294	153,157,060		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1041. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 222222

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
REVENUES	16,388,500												
		8,367,500	124,400	8,491,900	503,800	327,300	105,800	65,200	0	6,894,500	0	16,388,500	General Obligation Bonds
TOTAL		8,367,500.0	124,400	8,491,900	503,800.0	327,300	105,800	65,200	0	6,894,500	0	16,388,500	
EXPENDITURES													
		8,367,500	124,400	8,491,900	503,800	327,300	105,800	65,200	0	6,894,500	0	16,388,500	General Obligation Bonds
TOTAL		8,367,500.0	124,400	8,491,900	503,800.0	327,300	105,800	65,200	0	6,894,500	0	16,388,500	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1041. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 222222

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	
.101611 S SANITARY SEWER SYSTEM ENHANCEMENTS												
Commission District(s) COUNTYWIDE												
Sub-Project Budget / Estimated 12,785,500												
REVENUES												
	5,546,500	50,000	5,596,500	150,000	144,500	0	0	0	6,894,500	0	12,785,500	General Obligation Bonds
TOTAL	5,546,500	50,000	5,596,500	150,000	144,500	0	0	0	6,894,500	0	12,785,500	
EXPENDITURES												
	5,546,500	50,000	5,596,500	150,000	144,500	0	0	0	6,894,500	0	12,785,500	General Obligation Bonds
TOTAL	5,546,500	50,000	5,596,500	150,000	144,500	0	0	0	6,894,500	0	12,785,500	
.101612 S SANITARY SEWER NEEDS ASSESSMENT												
Commission District(s) COUNTYWIDE												
Sub-Project Budget / Estimated 2,765,000												
REVENUES												
	2,088,000	74,400	2,162,400	278,800	157,800	100,800	65,200	0	0	0	2,765,000	General Obligation Bonds
TOTAL	2,088,000	74,400	2,162,400	278,800	157,800	100,800	65,200	0	0	0	2,765,000	
EXPENDITURES												
	2,088,000	74,400	2,162,400	278,800	157,800	100,800	65,200	0	0	0	2,765,000	General Obligation Bonds
TOTAL	2,088,000	74,400	2,162,400	278,800	157,800	100,800	65,200	0	0	0	2,765,000	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1041. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 222222

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.101796 S UPGRADE OF MIAMI SPRINGS PUMP STATION AND CONTRACT SPECIFICATIONS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **838,000**

REVENUES

	733,000	0	733,000	75,000	25,000	5,000	0	0	0	0	838,000	General Obligation Bonds
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TOTAL	733,000	0	733,000	75,000	25,000	5,000	0	0	0	0	838,000	
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EXPENDITURES

	733,000	0	733,000	75,000	25,000	5,000	0	0	0	0	838,000	General Obligation Bonds
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TOTAL	733,000	0	733,000	75,000	25,000	5,000	0	0	0	0	838,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1042. WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 968750

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future			
36,835,170														
REVENUES														
	12,835,170	3,000,000	15,835,170	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	36,835,170	Wastewater Renewal & Replacement Fund	
TOTAL	12,835,170.0	3,000,000	15,835,170	3,000,000.0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	36,835,170		
EXPENDITURES														
	12,835,170	3,000,000	15,835,170	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	36,835,170	Wastewater Renewal & Replacement Fund	
TOTAL	12,835,170.0	3,000,000	15,835,170	3,000,000.0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	36,835,170		

.101967 S WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **36,835,170**

REVENUES													
	12,835,170	3,000,000	15,835,170	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	36,835,170	Wastewater Renewal & Replacement Fund
TOTAL	12,835,170	3,000,000	15,835,170	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	36,835,170	
EXPENDITURES													
	12,835,170	3,000,000	15,835,170	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	36,835,170	Wastewater Renewal & Replacement Fund
TOTAL	12,835,170	3,000,000	15,835,170	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	36,835,170	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
	1,357,379,611													
REVENUES														
		0	0	0	99,161,814	184,101,199	177,782,682	180,703,522	155,822,587	97,449,489	57,067,142	952,088,435	Future WASD Revenue Bonds	
		0	5,013,725	5,013,725	1,726,983	3,000,000	3,218,766	0	0	0	0	12,959,474	Plant Expansion Fund - Wastewater	
		37,614,994	0	37,614,994	0	0	0	0	0	0	0	37,614,994	S Construction - 2013 Bonds	
		317,653,177	0	317,653,177	0	0	0	0	0	0	0	317,653,177	WASD Wastewater Commercial Paper - 2015	
		37,063,531	0	37,063,531	0	0	0	0	0	0	0	37,063,531	Wastewater Renewal & Replacement Fund	
TOTAL	392,331,702.0	5,013,725	397,345,427	100,888,797.0	187,101,199	181,001,448	180,703,522	155,822,587	97,449,489	57,067,142	1,357,379,611			
EXPENDITURES														
		0	0	0	99,161,814	184,101,199	177,782,682	180,703,522	155,822,587	97,449,489	57,067,142	952,088,435	Future WASD Revenue Bonds	
		0	5,013,725	5,013,725	1,726,983	3,000,000	3,218,766	0	0	0	0	12,959,474	Plant Expansion Fund - Wastewater	
		37,614,995	0	37,614,995	0	0	0	0	0	0	0	37,614,995	S Construction - 2013 Bonds	
		165,633,367	92,420,029	258,053,396	59,599,781	0	0	0	0	0	0	317,653,177	WASD Wastewater Commercial Paper - 2015	
		37,063,530	0	37,063,530	0	0	0	0	0	0	0	37,063,530	Wastewater Renewal & Replacement Fund	
TOTAL	240,311,892.3	97,433,754	337,745,646	160,488,578.0	187,101,199	181,001,448	180,703,522	155,822,587	97,449,489	57,067,142	1,357,379,611			



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
<hr/>													
.102500 S SDWWTP - Headworks													
Commission District(s) 8													
Sub-Project Budget / Estimated	2,364,067												
REVENUES													
	0	0	0	1,273,017	0	0	0	0	0	0	0	1,273,017	Future WASD Revenue Bonds
	49,730	0	49,730	0	0	0	0	0	0	0	0	49,730	S Construction - 2013 Bonds
	1,041,320	0	1,041,320	0	0	0	0	0	0	0	0	1,041,320	WASD Wastewater Commercial Paper - 2015
TOTAL	1,091,050	0	1,091,050	1,273,017	0	0	0	0	0	0	0	2,364,067	
EXPENDITURES													
	0	0	0	1,273,017	0	0	0	0	0	0	0	1,273,017	Future WASD Revenue Bonds
	49,730	0	49,730	0	0	0	0	0	0	0	0	49,730	S Construction - 2013 Bonds
	113,864	927,456	1,041,320	0	0	0	0	0	0	0	0	1,041,320	WASD Wastewater Commercial Paper - 2015
TOTAL	163,595	927,456	1,091,051	1,273,017	0	0	0	0	0	0	0	2,364,068	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections										Bond Issue
	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	Future	Total			
	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025					
.102501 S SDWWTP - Oxygen Production														
Commission District(s) 8														
Sub-Project Budget / Estimated 18,535,869														
REVENUES														
	0	0	0	9,169,207	5,564,018	242,445	0	0	0	0	0	14,975,670	Future WASD Revenue Bonds	
	1,132,887	0	1,132,887	0	0	0	0	0	0	0	0	1,132,887	S Construction - 2013 Bonds	
	2,427,312	0	2,427,312	0	0	0	0	0	0	0	0	2,427,312	WASD Wastewater Commercial Paper - 2015	
TOTAL	3,560,199	0	3,560,199	9,169,207	5,564,018	242,445	0	0	0	0	0	18,535,869		
EXPENDITURES														
	0	0	0	9,169,207	5,564,018	242,445	0	0	0	0	0	14,975,670	Future WASD Revenue Bonds	
	1,132,887	0	1,132,887	0	0	0	0	0	0	0	0	1,132,887	S Construction - 2013 Bonds	
	753,150	1,674,162	2,427,312	0	0	0	0	0	0	0	0	2,427,312	WASD Wastewater Commercial Paper - 2015	
TOTAL	1,886,037	1,674,162	3,560,199	9,169,207	5,564,018	242,445	0	0	0	0	0	18,535,869		



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102502 S SDWWTP - Oxygenation Trains													
Commission District(s) 8													
Sub-Project Budget / Estimated	9,383,783												
REVENUES													
		0	0	0	1,025,140	1,824,207	2,165,249	1,717,825	251,444	0	0	6,983,865	Future WASD Revenue Bonds
	2,399,918		0	2,399,918	0	0	0	0	0	0	0	2,399,918	WASD Wastewater Commercial Paper - 2015
TOTAL	2,399,918	0	0	2,399,918	1,025,140	1,824,207	2,165,249	1,717,825	251,444	0	0	9,383,783	
EXPENDITURES													
		0	0	0	1,025,140	1,824,207	2,165,249	1,717,825	251,444	0	0	6,983,865	Future WASD Revenue Bonds
	2,118,629	281,289		2,399,918	0	0	0	0	0	0	0	2,399,918	WASD Wastewater Commercial Paper - 2015
TOTAL	2,118,629	281,289		2,399,918	1,025,140	1,824,207	2,165,249	1,717,825	251,444	0	0	9,383,783	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102503 S SDWWTP - Chlorine Building

Commission District(s) 8

Sub-Project Budget / Estimated 3,571,327

REVENUES

	0	0	0	280,083	1,838,562	1,387,633	0	0	0	0	3,506,278	Future WASD Revenue Bonds
	65,049	0	65,049	0	0	0	0	0	0	0	65,049	WASD Wastewater Commercial Paper - 2015
TOTAL	65,049	0	65,049	280,083	1,838,562	1,387,633	0	0	0	0	3,571,327	

EXPENDITURES

	0	0	0	280,083	1,838,562	1,387,633	0	0	0	0	3,506,278	Future WASD Revenue Bonds
	0	65,049	65,049	0	0	0	0	0	0	0	65,049	WASD Wastewater Commercial Paper - 2015
TOTAL	0	65,049	65,049	280,083	1,838,562	1,387,633	0	0	0	0	3,571,327	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections										Bond Issue
	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	Future	Total			
	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025					
.102504 S SDWWTP - Effluent Pump Station														
Commission District(s) 8														
Sub-Project Budget / Estimated	47,925,502													
REVENUES														
	0	0	0	8,174,941	21,813,697	10,977,387	0	0	0	0	0	40,966,025	Future WAST Revenue Bonds	
	2,714,291	0	2,714,291	0	0	0	0	0	0	0	0	2,714,291	S Construction - 2013 Bonds	
	4,245,186	0	4,245,186	0	0	0	0	0	0	0	0	4,245,186	WAST Wastewater Commercial Paper - 2015	
TOTAL	6,959,477	0	6,959,477	8,174,941	21,813,697	10,977,387	0	0	0	0	0	47,925,502		
EXPENDITURES														
	0	0	0	8,174,941	21,813,697	10,977,387	0	0	0	0	0	40,966,025	Future WAST Revenue Bonds	
	2,714,291	0	2,714,291	0	0	0	0	0	0	0	0	2,714,291	S Construction - 2013 Bonds	
	2,262,268	1,982,918	4,245,186	0	0	0	0	0	0	0	0	4,245,186	WAST Wastewater Commercial Paper - 2015	
TOTAL	4,976,559	1,982,918	6,959,477	8,174,941	21,813,697	10,977,387	0	0	0	0	0	47,925,502		



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	
.102506 S SDWWTP - Digesters and Control Buildings												
Commission District(s) 8												
Sub-Project Budget / Estimated 127,377,373												
REVENUES												
	0	0	0	8,803,401	12,727,176	17,540,933	19,571,710	15,000,000	13,500,000	19,500,000	106,643,220	Future WASD Revenue Bonds
	0	5,013,725	5,013,725	1,726,983	3,000,000	3,218,766	0	0	0	0	12,959,474	Plant Expansion Fund - Wastewater
	2,662,648	0	2,662,648	0	0	0	0	0	0	0	2,662,648	S Construction - 2013 Bonds
	5,112,031	0	5,112,031	0	0	0	0	0	0	0	5,112,031	WASD Wastewater Commercial Paper - 2015
TOTAL	7,774,679	5,013,725	12,788,404	10,530,384	15,727,176	20,759,699	19,571,710	15,000,000	13,500,000	19,500,000	127,377,373	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
EXPENDITURES													
		0	0	0	8,803,401	12,727,176	17,540,933	19,571,710	15,000,000	13,500,000	19,500,000	106,643,220	Future WAST Revenue Bonds
		0	5,013,725	5,013,725	1,726,983	3,000,000	3,218,766	0	0	0	0	12,959,474	Plant Expansion Fund - Wastewater
	2,662,648		0	2,662,648	0	0	0	0	0	0	0	2,662,648	S Construction - 2013 Bonds
	4,591,444		520,587	5,112,031	0	0	0	0	0	0	0	5,112,031	WASD Wastewater Commercial Paper - 2015
TOTAL		7,254,092	5,534,312	12,788,404	10,530,384	15,727,176	20,759,699	19,571,710	15,000,000	13,500,000	19,500,000	127,377,373	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102507 S SDWWTP - Dewatering Facility													
Commission District(s) 8													
Sub-Project Budget / Estimated 78,752,227													
REVENUES													
		0	0	0	0	2,262,918	14,833,792	25,418,003	17,000,000	12,500,000	4,500,000	76,514,713	Future WASD Revenue Bonds
	1,673,361		0	1,673,361	0	0	0	0	0	0	0	1,673,361	S Construction - 2013 Bonds
	564,153		0	564,153	0	0	0	0	0	0	0	564,153	WASD Wastewater Commercial Paper - 2015
TOTAL	2,237,514		0	2,237,514	0	2,262,918	14,833,792	25,418,003	17,000,000	12,500,000	4,500,000	78,752,227	
EXPENDITURES													
		0	0	0	0	2,262,918	14,833,792	25,418,003	17,000,000	12,500,000	4,500,000	76,514,713	Future WASD Revenue Bonds
	1,673,361		0	1,673,361	0	0	0	0	0	0	0	1,673,361	S Construction - 2013 Bonds
	564,153		0	564,153	0	0	0	0	0	0	0	564,153	WASD Wastewater Commercial Paper - 2015
TOTAL	2,237,515		0	2,237,515	0	2,262,918	14,833,792	25,418,003	17,000,000	12,500,000	4,500,000	78,752,228	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	Future		Total
	Estimate Cost	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025			
.102508 S SDWWTP - FOG Removal Facility													
Commission District(s) 8													
Sub-Project Budget / Estimated	7,831,779												
REVENUES													
	0	0	0	2,013,861	400,000	0	0	0	0	0	0	2,413,861	Future WAST Revenue Bonds
	867,350	0	867,350	0	0	0	0	0	0	0	0	867,350	S Construction - 2013 Bonds
	4,550,568	0	4,550,568	0	0	0	0	0	0	0	0	4,550,568	WAST Wastewater Commercial Paper - 2015
TOTAL	5,417,918	0	5,417,918	2,013,861	400,000	0	0	0	0	0	0	7,831,779	
EXPENDITURES													
	0	0	0	2,013,861	400,000	0	0	0	0	0	0	2,413,861	Future WAST Revenue Bonds
	867,350	0	867,350	0	0	0	0	0	0	0	0	867,350	S Construction - 2013 Bonds
	2,906,553	1,644,015	4,550,568	0	0	0	0	0	0	0	0	4,550,568	WAST Wastewater Commercial Paper - 2015
TOTAL	3,773,903	1,644,015	5,417,918	2,013,861	400,000	0	0	0	0	0	0	7,831,779	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
.102509 S SDWWTP - Odor Control													
Commission District(s) 8													
Sub-Project Budget / Estimated 15,966,700													
REVENUES													
	0	0	0	404,156	986,411	7,848,159	6,409,170	108,665	0	0	15,756,561	Future WAST Revenue Bonds	
	210,139	0	210,139	0	0	0	0	0	0	0	210,139	WAST Wastewater Commercial Paper - 2015	
TOTAL	210,139	0	210,139	404,156	986,411	7,848,159	6,409,170	108,665	0	0	15,966,700		
EXPENDITURES													
	0	0	0	404,156	986,411	7,848,159	6,409,170	108,665	0	0	15,756,561	Future WAST Revenue Bonds	
	0	210,139	210,139	0	0	0	0	0	0	0	210,139	WAST Wastewater Commercial Paper - 2015	
TOTAL	0	210,139	210,139	404,156	986,411	7,848,159	6,409,170	108,665	0	0	15,966,700		



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102510 S SDWWTP - General Electrical													
Commission District(s) 8													
Sub-Project Budget / Estimated	13,477,420												
REVENUES													
	0	0	0	3,625,560	5,365,572	3,300,000	0	0	0	0	0	12,291,132	Future WASD Revenue Bonds
	1,186,288	0	1,186,288	0	0	0	0	0	0	0	0	1,186,288	WASD Wastewater Commercial Paper - 2015
TOTAL	1,186,288	0	1,186,288	3,625,560	5,365,572	3,300,000	0	0	0	0	0	13,477,420	
EXPENDITURES													
	0	0	0	3,625,560	5,365,572	3,300,000	0	0	0	0	0	12,291,132	Future WASD Revenue Bonds
	779,562	406,726	1,186,288	0	0	0	0	0	0	0	0	1,186,288	WASD Wastewater Commercial Paper - 2015
TOTAL	779,562	406,726	1,186,288	3,625,560	5,365,572	3,300,000	0	0	0	0	0	13,477,420	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue		

.102511 S SDWWTP - Chlorine Contact Chamber Structural

Commission District(s) 8

Sub-Project Budget / Estimated 4,911,028

REVENUES

	0	0	0	1,523,632	81,745	0	0	0	0	0	1,605,377	Future WASD Revenue Bonds
	3,305,651	0	3,305,651	0	0	0	0	0	0	0	3,305,651	WASD Wastewater Commercial Paper - 2015
TOTAL	3,305,651	0	3,305,651	1,523,632	81,745	0	0	0	0	0	4,911,028	

EXPENDITURES

	0	0	0	1,523,632	81,745	0	0	0	0	0	1,605,377	Future WASD Revenue Bonds
	1,794,383	1,511,268	3,305,651	0	0	0	0	0	0	0	3,305,651	WASD Wastewater Commercial Paper - 2015
TOTAL	1,794,383	1,511,268	3,305,651	1,523,632	81,745	0	0	0	0	0	4,911,028	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				

.102600 S CDWWTP - Electrical Improvements

Commission District(s) 7

Sub-Project Budget / Estimated 16,345,509

REVENUES

	0	0	0	2,784,230	9,191,738	963,940	0	0	0	0	12,939,908	Future WASD Revenue Bonds
	3,405,601	0	3,405,601	0	0	0	0	0	0	0	3,405,601	WASD Wastewater Commercial Paper - 2015
TOTAL	3,405,601	0	3,405,601	2,784,230	9,191,738	963,940	0	0	0	0	16,345,509	

EXPENDITURES

	0	0	0	2,784,230	9,191,738	963,940	0	0	0	0	12,939,908	Future WASD Revenue Bonds
	2,845,160	560,441	3,405,601	0	0	0	0	0	0	0	3,405,601	WASD Wastewater Commercial Paper - 2015
TOTAL	2,845,160	560,441	3,405,601	2,784,230	9,191,738	963,940	0	0	0	0	16,345,509	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	Future		Total
	Estimate Cost	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025			
.102601 S CDWWTP - Building improvements													
Commission District(s) 7													
Sub-Project Budget / Estimated		4,978,208											
REVENUES													
		0	0	0	708,737	0	0	0	0	0	0	708,737	Future WASD Revenue Bonds
		260,227	0	260,227	0	0	0	0	0	0	0	260,227	S Construction - 2013 Bonds
		4,009,244	0	4,009,244	0	0	0	0	0	0	0	4,009,244	WASD Wastewater Commercial Paper - 2015
TOTAL		4,269,471	0	4,269,471	708,737	0	0	0	0	0	0	4,978,208	
EXPENDITURES													
		0	0	0	708,737	0	0	0	0	0	0	708,737	Future WASD Revenue Bonds
		260,227	0	260,227	0	0	0	0	0	0	0	260,227	S Construction - 2013 Bonds
		2,901,547	1,107,697	4,009,244	0	0	0	0	0	0	0	4,009,244	WASD Wastewater Commercial Paper - 2015
TOTAL		3,161,774	1,107,697	4,269,471	708,737	0	0	0	0	0	0	4,978,208	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102602 S Headworks Plant 1													
Commission District(s) 7													
Sub-Project Budget / Estimated		16,803,541											
REVENUES													
		0	0	0	170,979	0	0	0	0	0	0	170,979	Future WASD Revenue Bonds
		3,587,679	0	3,587,679	0	0	0	0	0	0	0	3,587,679	S Construction - 2013 Bonds
		13,044,883	0	13,044,883	0	0	0	0	0	0	0	13,044,883	WASD Wastewater Commercial Paper - 2015
TOTAL		16,632,562	0	16,632,562	170,979	0	0	0	0	0	0	16,803,541	
EXPENDITURES													
		0	0	0	170,979	0	0	0	0	0	0	170,979	Future WASD Revenue Bonds
		3,587,679	0	3,587,679	0	0	0	0	0	0	0	3,587,679	S Construction - 2013 Bonds
		9,875,090	3,169,793	13,044,883	0	0	0	0	0	0	0	13,044,883	WASD Wastewater Commercial Paper - 2015
TOTAL		13,462,769	3,169,793	16,632,562	170,979	0	0	0	0	0	0	16,803,541	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102603 S CDWWTP - Headworks Plant 2

Commission District(s) 7

Sub-Project Budget / Estimated **8,688,785**

REVENUES

	0	0	0	970,907	0	0	0	0	0	0	0	970,907	Future WAST Revenue Bonds
	7,717,878	0	7,717,878	0	0	0	0	0	0	0	0	7,717,878	WAST Wastewater Commercial Paper - 2015
TOTAL	7,717,878	0	7,717,878	970,907	0	0	0	0	0	0	0	8,688,785	

EXPENDITURES

	0	0	0	970,907	0	0	0	0	0	0	0	970,907	Future WAST Revenue Bonds
	5,383,646	2,334,232	7,717,878	0	0	0	0	0	0	0	0	7,717,878	WAST Wastewater Commercial Paper - 2015
TOTAL	5,383,646	2,334,232	7,717,878	970,907	0	0	0	0	0	0	0	8,688,785	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	

.102604 S CDWWTP - Oxygenation Trains Plant 1

Commission District(s) 7

Sub-Project Budget / Estimated 2,884,547

REVENUES

	291,290	0	291,290	0	0	0	0	0	0	0	0	291,290	S Construction - 2013 Bonds
	2,593,257	0	2,593,257	0	0	0	0	0	0	0	0	2,593,257	WASD Wastewater Commercial Paper - 2015
TOTAL	2,884,547	0	2,884,547	0	0	0	0	0	0	0	0	2,884,547	

EXPENDITURES

	291,290	0	291,290	0	0	0	0	0	0	0	0	291,290	S Construction - 2013 Bonds
	1,979,451	613,806	2,593,257	0	0	0	0	0	0	0	0	2,593,257	WASD Wastewater Commercial Paper - 2015
TOTAL	2,270,740	613,806	2,884,546	0	0	0	0	0	0	0	0	2,884,546	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
	<hr/>													
.102605 S CDWWTP - Oxygenation Trains Plant 2														
Commission District(s) 7														
Sub-Project Budget / Estimated	15,762,324													
REVENUES														
	0	0	0	4,399,651	1,598,119	0	0	0	0	0	0	5,997,770	Future WASD Revenue Bonds	
	4,479,132	0	4,479,132	0	0	0	0	0	0	0	0	4,479,132	S Construction - 2013 Bonds	
	5,285,422	0	5,285,422	0	0	0	0	0	0	0	0	5,285,422	WASD Wastewater Commercial Paper - 2015	
TOTAL	9,764,554	0	9,764,554	4,399,651	1,598,119	0	0	0	0	0	0	15,762,324		
EXPENDITURES														
	0	0	0	4,399,651	1,598,119	0	0	0	0	0	0	5,997,770	Future WASD Revenue Bonds	
	4,479,132	0	4,479,132	0	0	0	0	0	0	0	0	4,479,132	S Construction - 2013 Bonds	
	2,120,901	3,164,521	5,285,422	0	0	0	0	0	0	0	0	5,285,422	WASD Wastewater Commercial Paper - 2015	
TOTAL	6,600,033	3,164,521	9,764,554	4,399,651	1,598,119	0	0	0	0	0	0	15,762,324		



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
	<hr/>													
.102606 S CDWWTP - Secondary Clarifiers Plant 1														
Commission District(s) 7														
Sub-Project Budget / Estimated	22,908,874													
REVENUES														
		0	0	0	2,055,494	3,784,875	6,063,427	6,112,342	3,004,174	1,123,095	0	22,143,407	Future WAST Revenue Bonds	
	765,467	0	765,467	0	0	0	0	0	0	0	0	765,467	WAST Wastewater Commercial Paper - 2015	
TOTAL	765,467	0	765,467	2,055,494	3,784,875	6,063,427	6,112,342	3,004,174	1,123,095	0	22,908,874			
EXPENDITURES														
		0	0	0	2,055,494	3,784,875	6,063,427	6,112,342	3,004,174	1,123,095	0	22,143,407	Future WAST Revenue Bonds	
	30,327	735,140	765,467	0	0	0	0	0	0	0	0	765,467	WAST Wastewater Commercial Paper - 2015	
TOTAL	30,327	735,140	765,467	2,055,494	3,784,875	6,063,427	6,112,342	3,004,174	1,123,095	0	22,908,874			



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
.102607 S CDWWTP - Secondary Clarifiers Plant 2													
Commission District(s) 7													
Sub-Project Budget / Estimated 12,362,541													
REVENUES													
	0	0	0	1,905,203	3,392,829	3,424,111	1,666,889	1,188,421	0	0	11,577,453	Future WAST Revenue Bonds	
	785,088	0	785,088	0	0	0	0	0	0	0	785,088	WAST Wastewater Commercial Paper - 2015	
TOTAL	785,088	0	785,088	1,905,203	3,392,829	3,424,111	1,666,889	1,188,421	0	0	12,362,541		
EXPENDITURES													
	0	0	0	1,905,203	3,392,829	3,424,111	1,666,889	1,188,421	0	0	11,577,453	Future WAST Revenue Bonds	
	61,737	723,351	785,088	0	0	0	0	0	0	0	785,088	WAST Wastewater Commercial Paper - 2015	
TOTAL	61,737	723,351	785,088	1,905,203	3,392,829	3,424,111	1,666,889	1,188,421	0	0	12,362,541		



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
	<hr/>												
.102608 S CDWWTP - RS Pump Stations Plant 1													
Commission District(s) 7													
Sub-Project Budget / Estimated	14,344,408												
REVENUES													
		0	0	0	470,920	947,292	2,627,865	4,464,636	3,785,191	1,784,047	0	14,079,951	Future WAST Revenue Bonds
	264,457		0	264,457	0	0	0	0	0	0	0	264,457	WAST Wastewater Commercial Paper - 2015
TOTAL	264,457	0	0	264,457	470,920	947,292	2,627,865	4,464,636	3,785,191	1,784,047	0	14,344,408	
EXPENDITURES													
		0	0	0	470,920	947,292	2,627,865	4,464,636	3,785,191	1,784,047	0	14,079,951	Future WAST Revenue Bonds
	111	264,346		264,457	0	0	0	0	0	0	0	264,457	WAST Wastewater Commercial Paper - 2015
TOTAL	111	264,346		264,457	470,920	947,292	2,627,865	4,464,636	3,785,191	1,784,047	0	14,344,408	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102609 S CDWWTP - RS Pump Stations Plant 2													
Commission District(s) 7													
Sub-Project Budget / Estimated 32,753,208													
REVENUES													
		0	0	0	3,515,658	6,627,285	7,572,240	5,035,312	4,313,961	0	0	27,064,456	Future WASD Revenue Bonds
	5,688,752		0	5,688,752	0	0	0	0	0	0	0	5,688,752	WASD Wastewater Commercial Paper - 2015
TOTAL	5,688,752	0	0	5,688,752	3,515,658	6,627,285	7,572,240	5,035,312	4,313,961	0	0	32,753,208	
EXPENDITURES													
		0	0	0	3,515,658	6,627,285	7,572,240	5,035,312	4,313,961	0	0	27,064,456	Future WASD Revenue Bonds
	4,315,440	1,373,312		5,688,752	0	0	0	0	0	0	0	5,688,752	WASD Wastewater Commercial Paper - 2015
TOTAL	4,315,440	1,373,312	0	5,688,752	3,515,658	6,627,285	7,572,240	5,035,312	4,313,961	0	0	32,753,208	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102610 S CDWWTP - Effluent Pump Station													
Commission District(s) 7													
Sub-Project Budget / Estimated 29,080,006													
REVENUES													
		0	0	0	0	6,104,295	3,000,000	0	0	0	0	9,104,295	Future WASD Revenue Bonds
	19,975,711		0	19,975,711	0	0	0	0	0	0	0	19,975,711	WASD Wastewater Commercial Paper - 2015
TOTAL	19,975,711		0	19,975,711	0	6,104,295	3,000,000	0	0	0	0	29,080,006	
EXPENDITURES													
		0	0	0	0	6,104,295	3,000,000	0	0	0	0	9,104,295	Future WASD Revenue Bonds
	1,641,911	2,989,083		4,630,994	15,344,717	0	0	0	0	0	0	19,975,711	WASD Wastewater Commercial Paper - 2015
TOTAL	1,641,911	2,989,083		4,630,994	15,344,717	6,104,295	3,000,000	0	0	0	0	29,080,006	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
	<hr/>													
.102613 S CDWWTP - Digesters Plant 1														
Commission District(s) 7														
Sub-Project Budget / Estimated	7,880,724													
REVENUES														
		0	0	0	307,217	182,359	2,140,153	3,646,292	1,300,777	30,658	0	7,607,456	Future WAST Revenue Bonds	
	273,268	0	273,268	0	0	0	0	0	0	0	0	273,268	WAST Wastewater Commercial Paper - 2015	
TOTAL	273,268	0	273,268	307,217	182,359	2,140,153	3,646,292	1,300,777	30,658	0	7,880,724			
EXPENDITURES														
		0	0	0	307,217	182,359	2,140,153	3,646,292	1,300,777	30,658	0	7,607,456	Future WAST Revenue Bonds	
	180,043	93,225	273,268	0	0	0	0	0	0	0	0	273,268	WAST Wastewater Commercial Paper - 2015	
TOTAL	180,043	93,225	273,268	307,217	182,359	2,140,153	3,646,292	1,300,777	30,658	0	7,880,724			



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102614 S CDWWTP - Digesters Plant 2													
Commission District(s)	7												
Sub-Project Budget / Estimated	123,523,687												
REVENUES													
		0	0	0	0	19,124,665	12,180,785	10,427,801	9,144,398	7,500,000	9,500,000	67,877,649	Future WASD Revenue Bonds
	3,882,385		0	3,882,385	0	0	0	0	0	0	0	3,882,385	S Construction - 2013 Bonds
	47,800,693		0	47,800,693	0	0	0	0	0	0	0	47,800,693	WASD Wastewater Commercial Paper - 2015
	3,962,960		0	3,962,960	0	0	0	0	0	0	0	3,962,960	Wastewater Renewal & Replacement Fund
TOTAL	55,646,038	0	0	55,646,038	0	19,124,665	12,180,785	10,427,801	9,144,398	7,500,000	9,500,000	123,523,687	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
EXPENDITURES													
		0	0	0	0	19,124,665	12,180,785	10,427,801	9,144,398	7,500,000	9,500,000	67,877,649	Future WAST Revenue Bonds
	3,882,385		0	3,882,385	0	0	0	0	0	0	0	3,882,385	S Construction - 2013 Bonds
	24,796,560	7,260,589		32,057,149	15,743,544	0	0	0	0	0	0	47,800,693	WAST Wastewater Commercial Paper - 2015
	3,962,960		0	3,962,960	0	0	0	0	0	0	0	3,962,960	Wastewater Renewal & Replacement Fund
TOTAL	32,641,906	7,260,589		39,902,495	15,743,544	19,124,665	12,180,785	10,427,801	9,144,398	7,500,000	9,500,000	123,523,688	



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Commission District(s)

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Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	
.102615 S CDWWTP - Dewatering Building												
Commission District(s) 7												
Sub-Project Budget / Estimated 119,773,993												
REVENUES												
	0	0	0	50,000	6,799,859	11,150,909	20,269,667	30,959,003	28,000,000	20,000,000	117,229,438	Future WASH Revenue Bonds
	1,592,851	0	1,592,851	0	0	0	0	0	0	0	1,592,851	S Construction - 2013 Bonds
	951,704	0	951,704	0	0	0	0	0	0	0	951,704	WASH Wastewater Commercial Paper - 2015
TOTAL	2,544,555	0	2,544,555	50,000	6,799,859	11,150,909	20,269,667	30,959,003	28,000,000	20,000,000	119,773,993	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
EXPENDITURES													
		0	0	0	50,000	6,799,859	11,150,909	20,269,667	30,959,003	28,000,000	20,000,000	117,229,438	Future WAST Revenue Bonds
	1,592,851		0	1,592,851	0	0	0	0	0	0	0	1,592,851	S Construction - 2013 Bonds
	919,539		32,165	951,704	0	0	0	0	0	0	0	951,704	WAST Wastewater Commercial Paper - 2015
TOTAL	2,512,390	32,165	32,165	2,544,555	50,000	6,799,859	11,150,909	20,269,667	30,959,003	28,000,000	20,000,000	119,773,993	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102616 S CDWWTP - Chlorination Facilities													
Commission District(s) 7													
Sub-Project Budget / Estimated 24,932,413													
REVENUES													
		0	0	0	95,538	0	0	0	0	0	0	95,538	Future WAST Revenue Bonds
	2,497,439		0	2,497,439	0	0	0	0	0	0	0	2,497,439	S Construction - 2013 Bonds
	22,339,436		0	22,339,436	0	0	0	0	0	0	0	22,339,436	WASD Wastewater Commercial Paper - 2015
TOTAL	24,836,875		0	24,836,875	95,538	0	0	0	0	0	0	24,932,413	
EXPENDITURES													
		0	0	0	95,538	0	0	0	0	0	0	95,538	Future WAST Revenue Bonds
	2,497,439		0	2,497,439	0	0	0	0	0	0	0	2,497,439	S Construction - 2013 Bonds
	18,215,791	4,123,645		22,339,436	0	0	0	0	0	0	0	22,339,436	WASD Wastewater Commercial Paper - 2015
TOTAL	20,713,229	4,123,645		24,836,874	95,538	0	0	0	0	0	0	24,932,412	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections										Bond Issue
	Budget/	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	Future	Total		
	Estimate Cost	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025				
.102618 S CDWWTP - Co-Gen Facility														
Commission District(s) 7														
Sub-Project Budget / Estimated		57,197,136												
REVENUES														
		0	0	0	0	6,000,000	1,000,000	0	0	0	0	7,000,000	Future WAST Revenue Bonds	
		432,206	0	432,206	0	0	0	0	0	0	0	432,206	S Construction - 2013 Bonds	
		44,352,064	0	44,352,064	0	0	0	0	0	0	0	44,352,064	WAST Wastewater Commercial Paper - 2015	
		5,412,866	0	5,412,866	0	0	0	0	0	0	0	5,412,866	Wastewater Renewal & Replacement Fund	
TOTAL		50,197,136	0	50,197,136	0	6,000,000	1,000,000	0	0	0	0	57,197,136		
EXPENDITURES														
		0	0	0	0	6,000,000	1,000,000	0	0	0	0	7,000,000	Future WAST Revenue Bonds	
		432,206	0	432,206	0	0	0	0	0	0	0	432,206	S Construction - 2013 Bonds	
		17,441,512	12,371,213	29,812,725	14,539,339	0	0	0	0	0	0	44,352,064	WAST Wastewater Commercial Paper - 2015	
		5,412,866	0	5,412,866	0	0	0	0	0	0	0	5,412,866	Wastewater Renewal & Replacement Fund	
TOTAL		23,286,585	12,371,213	35,657,798	14,539,339	6,000,000	1,000,000	0	0	0	0	57,197,137		



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Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102620 S CDWWTP - Pump Station 1													
Commission District(s) 7													
Sub-Project Budget / Estimated 8,253,336													
REVENUES													
		0	0	0	2,681,683	0	0	0	0	0	0	2,681,683	Future WASD Revenue Bonds
		391,387	0	391,387	0	0	0	0	0	0	0	391,387	S Construction - 2013 Bonds
		5,180,266	0	5,180,266	0	0	0	0	0	0	0	5,180,266	WASD Wastewater Commercial Paper - 2015
TOTAL		5,571,653	0	5,571,653	2,681,683	0	0	0	0	0	0	8,253,336	
EXPENDITURES													
		0	0	0	2,681,683	0	0	0	0	0	0	2,681,683	Future WASD Revenue Bonds
		391,387	0	391,387	0	0	0	0	0	0	0	391,387	S Construction - 2013 Bonds
		1,749,883	3,430,383	5,180,266	0	0	0	0	0	0	0	5,180,266	WASD Wastewater Commercial Paper - 2015
TOTAL		2,141,270	3,430,383	5,571,653	2,681,683	0	0	0	0	0	0	8,253,336	



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Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	Future		Total
	Estimate Cost	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025			
.102621 S CDWWTP - Pump Station 2													
Commission District(s) 7													
Sub-Project Budget / Estimated	8,835,022												
REVENUES													
	0	0	0	366,929	0	0	0	0	0	0	0	366,929	Future WASD Revenue Bonds
	620,759	0	620,759	0	0	0	0	0	0	0	0	620,759	S Construction - 2013 Bonds
	7,847,334	0	7,847,334	0	0	0	0	0	0	0	0	7,847,334	WASD Wastewater Commercial Paper - 2015
TOTAL	8,468,093	0	8,468,093	366,929	0	0	0	0	0	0	0	8,835,022	
EXPENDITURES													
	0	0	0	366,929	0	0	0	0	0	0	0	366,929	Future WASD Revenue Bonds
	620,759	0	620,759	0	0	0	0	0	0	0	0	620,759	S Construction - 2013 Bonds
	3,645,422	4,201,912	7,847,334	0	0	0	0	0	0	0	0	7,847,334	WASD Wastewater Commercial Paper - 2015
TOTAL	4,266,181	4,201,912	8,468,093	366,929	0	0	0	0	0	0	0	8,835,022	



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Commission District(s)

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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102624 S CDWWTP -Ventilation Improvements													
Commission District(s) 7													
Sub-Project Budget / Estimated 10,078,855													
REVENUES													
		0	0	0	650,080	500,184	2,053,187	4,378,932	1,758,209	0	0	9,340,592	Future WAST Revenue Bonds
	738,263		0	738,263	0	0	0	0	0	0	0	738,263	WAST Wastewater Commercial Paper - 2015
TOTAL	738,263	0	0	738,263	650,080	500,184	2,053,187	4,378,932	1,758,209	0	0	10,078,855	
EXPENDITURES													
		0	0	0	650,080	500,184	2,053,187	4,378,932	1,758,209	0	0	9,340,592	Future WAST Revenue Bonds
	333,900	404,363		738,263	0	0	0	0	0	0	0	738,263	WAST Wastewater Commercial Paper - 2015
TOTAL	333,900	404,363	0	738,263	650,080	500,184	2,053,187	4,378,932	1,758,209	0	0	10,078,855	



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Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
.102626 S CDWWTP - Oxygen Production													
Commission District(s)	7												
Sub-Project Budget / Estimated	75,307,148												
REVENUES													
	0	0	0	5,837,223	15,136,069	19,107,305	12,000,000	9,500,000	6,750,000	2,750,000	71,080,597	Future WASH Revenue Bonds	
	790,720	0	790,720	0	0	0	0	0	0	0	790,720	S Construction - 2013 Bonds	
	3,435,831	0	3,435,831	0	0	0	0	0	0	0	3,435,831	WASH Wastewater Commercial Paper - 2015	
TOTAL	4,226,551	0	4,226,551	5,837,223	15,136,069	19,107,305	12,000,000	9,500,000	6,750,000	2,750,000	75,307,148		



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
EXPENDITURES													
		0	0	0	5,837,223	15,136,069	19,107,305	12,000,000	9,500,000	6,750,000	2,750,000	71,080,597	Future WAST Revenue Bonds
		790,720	0	790,720	0	0	0	0	0	0	0	790,720	S Construction - 2013 Bonds
		2,465,718	970,113	3,435,831	0	0	0	0	0	0	0	3,435,831	WAST Wastewater Commercial Paper - 2015
TOTAL		3,256,438	970,113	4,226,551	5,837,223	15,136,069	19,107,305	12,000,000	9,500,000	6,750,000	2,750,000	75,307,148	



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Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
.102628 S CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT													
Commission District(s) 1,2,3,4,5,6,7,8,9,10,11,12,13													
Sub-Project Budget / Estimated 124,346,653													
REVENUES													
	0	0	0	22,376,247	17,351,193	14,873,214	15,644,223	9,558,456	3,649,176	817,142	84,269,651	Future WASH Revenue Bonds	
	20,539	0	20,539	0	0	0	0	0	0	0	20,539	S Construction - 2013 Bonds	
	40,056,463	0	40,056,463	0	0	0	0	0	0	0	40,056,463	WASH Wastewater Commercial Paper - 2015	
TOTAL	40,077,002	0	40,077,002	22,376,247	17,351,193	14,873,214	15,644,223	9,558,456	3,649,176	817,142	124,346,653		



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Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
	0	0	0	22,376,247	17,351,193	14,873,214	15,644,223	9,558,456	3,649,176	817,142	84,269,651	Future WSD Revenue Bonds	
	20,539	0	20,539	0	0	0	0	0	0	0	20,539	S Construction - 2013 Bonds	
	22,379,538	17,676,925	40,056,463	0	0	0	0	0	0	0	40,056,463	WSD Wastewater Commercial Paper - 2015	
TOTAL	22,400,077	17,676,925	40,077,002	22,376,247	17,351,193	14,873,214	15,644,223	9,558,456	3,649,176	817,142	124,346,653		



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Commission District(s)

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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
	.102700 S NDWWTP - Headworks and Sludge Degritting Transfer												
Commission District(s) 4													
Sub-Project Budget / Estimated	33,991,835												
REVENUES													
	3,501,808	0	3,501,808	0	0	0	0	0	0	0	0	3,501,808	S Construction - 2013 Bonds
	22,949,001	0	22,949,001	0	0	0	0	0	0	0	0	22,949,001	WASD Wastewater Commercial Paper - 2015
	7,541,026	0	7,541,026	0	0	0	0	0	0	0	0	7,541,026	Wastewater Renewal & Replacement Fund
TOTAL	33,991,835	0	33,991,835	0	0	0	0	0	0	0	0	33,991,835	
EXPENDITURES													
	3,501,808	0	3,501,808	0	0	0	0	0	0	0	0	3,501,808	S Construction - 2013 Bonds
	18,609,340	4,339,661	22,949,001	0	0	0	0	0	0	0	0	22,949,001	WASD Wastewater Commercial Paper - 2015
	7,541,026	0	7,541,026	0	0	0	0	0	0	0	0	7,541,026	Wastewater Renewal & Replacement Fund
TOTAL	29,652,174	4,339,661	33,991,835	0	0	0	0	0	0	0	0	33,991,835	



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Commission District(s)

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Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to	FY	Total	FY	FY	FY	FY	FY	FY				
	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025				
.102701 S NDWWTP - Primary Clarifiers and Odor Control													
Commission District(s) 4													
Sub-Project Budget / Estimated 70,833,927													
REVENUES													
	0	0	0	0	19,975,652	15,406,508	7,500,000	3,500,000	0	0	46,382,160	Future WASH Revenue Bonds	
	1,084,158	0	1,084,158	0	0	0	0	0	0	0	1,084,158	S Construction - 2013 Bonds	
	22,403,481	0	22,403,481	0	0	0	0	0	0	0	22,403,481	WASH Wastewater Commercial Paper - 2015	
	964,128	0	964,128	0	0	0	0	0	0	0	964,128	Wastewater Renewal & Replacement Fund	
TOTAL	24,451,767	0	24,451,767	0	19,975,652	15,406,508	7,500,000	3,500,000	0	0	70,833,927		



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Commission District(s)

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Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
EXPENDITURES													
	0	0	0	0	19,975,652	15,406,508	7,500,000	3,500,000	0	0	46,382,160	Future WASH Revenue Bonds	
	1,084,158	0	1,084,158	0	0	0	0	0	0	0	1,084,158	S Construction - 2013 Bonds	
	4,855,793	3,575,507	8,431,300	13,972,181	0	0	0	0	0	0	22,403,481	WASH Wastewater Commercial Paper - 2015	
	964,128	0	964,128	0	0	0	0	0	0	0	964,128	Wastewater Renewal & Replacement Fund	
TOTAL	6,904,078	3,575,507	10,479,585	13,972,181	19,975,652	15,406,508	7,500,000	3,500,000	0	0	70,833,926		



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Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
	.102702 S NDWWTP - Oxygenation Trains													
Commission District(s) 4														
Sub-Project Budget / Estimated 62,224,423														
REVENUES														
	0	0	0	1,874,943	2,673,480	5,319,729	16,532,844	23,199,682	12,408,583	0	62,009,261	Future WASH Revenue Bonds		
	215,162	0	215,162	0	0	0	0	0	0	0	215,162	WASH Wastewater Commercial Paper - 2015		
TOTAL	215,162	0	215,162	1,874,943	2,673,480	5,319,729	16,532,844	23,199,682	12,408,583	0	62,224,423			
EXPENDITURES														
	0	0	0	1,874,943	2,673,480	5,319,729	16,532,844	23,199,682	12,408,583	0	62,009,261	Future WASH Revenue Bonds		
	0	215,162	215,162	0	0	0	0	0	0	0	215,162	WASH Wastewater Commercial Paper - 2015		
TOTAL	0	215,162	215,162	1,874,943	2,673,480	5,319,729	16,532,844	23,199,682	12,408,583	0	62,224,423			



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
	.102703 S NDWWTP - Oxygen Production													
Commission District(s) 4														
Sub-Project Budget / Estimated		44,649,707												
REVENUES														
		0	0	0	1,071,976	1,069,047	3,015,421	13,507,118	16,825,537	8,389,931	0	43,879,030	Future WASD Revenue Bonds	
	770,677		0	770,677	0	0	0	0	0	0	0	770,677	WASD Wastewater Commercial Paper - 2015	
TOTAL	770,677	0	0	770,677	1,071,976	1,069,047	3,015,421	13,507,118	16,825,537	8,389,931	0	44,649,707		
EXPENDITURES														
		0	0	0	1,071,976	1,069,047	3,015,421	13,507,118	16,825,537	8,389,931	0	43,879,030	Future WASD Revenue Bonds	
	16,619	754,058		770,677	0	0	0	0	0	0	0	770,677	WASD Wastewater Commercial Paper - 2015	
TOTAL	16,619	754,058		770,677	1,071,976	1,069,047	3,015,421	13,507,118	16,825,537	8,389,931	0	44,649,707		



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Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	Future	Total		
	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025				
.102704 S NDWWTP - Secondary Clarifiers													
Commission District(s)	4												
Sub-Project Budget / Estimated	48,730,203												
REVENUES													
	0	0	0	2,743,578	5,129,872	6,512,181	6,400,758	5,424,669	1,813,999	0	28,025,057	Future WASD Revenue Bonds	
	1,522,595	0	1,522,595	0	0	0	0	0	0	0	1,522,595	WASD Wastewater Commercial Paper - 2015	
	19,182,551	0	19,182,551	0	0	0	0	0	0	0	19,182,551	Wastewater Renewal & Replacement Fund	
TOTAL	20,705,146	0	20,705,146	2,743,578	5,129,872	6,512,181	6,400,758	5,424,669	1,813,999	0	48,730,203		



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Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	
	0	0	0	2,743,578	5,129,872	6,512,181	6,400,758	5,424,669	1,813,999	0	28,025,057	Future WSD Revenue Bonds
	473,195	1,049,400	1,522,595	0	0	0	0	0	0	0	1,522,595	WSD Wastewater Commercial Paper - 2015
	19,182,551	0	19,182,551	0	0	0	0	0	0	0	19,182,551	Wastewater Renewal & Replacement Fund
TOTAL	19,655,746	1,049,400	20,705,146	2,743,578	5,129,872	6,512,181	6,400,758	5,424,669	1,813,999	0	48,730,203	



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Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	
.102705 S NDWWTP - Disinfection												
Commission District(s) 4												
Sub-Project Budget / Estimated	17,917,812											
REVENUES												
	0	0	0	5,776,009	4,174,333	3,000,000	0	0	0	0	12,950,342	Future WASD Revenue Bonds
	760,066	0	760,066	0	0	0	0	0	0	0	760,066	S Construction - 2013 Bonds
	4,207,404	0	4,207,404	0	0	0	0	0	0	0	4,207,404	WASD Wastewater Commercial Paper - 2015
TOTAL	4,967,470	0	4,967,470	5,776,009	4,174,333	3,000,000	0	0	0	0	17,917,812	
EXPENDITURES												
	0	0	0	5,776,009	4,174,333	3,000,000	0	0	0	0	12,950,342	Future WASD Revenue Bonds
	760,066	0	760,066	0	0	0	0	0	0	0	760,066	S Construction - 2013 Bonds
	973,377	3,234,027	4,207,404	0	0	0	0	0	0	0	4,207,404	WASD Wastewater Commercial Paper - 2015
TOTAL	1,733,443	3,234,027	4,967,470	5,776,009	4,174,333	3,000,000	0	0	0	0	17,917,812	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102706 S NDWWTP - Effluent Disposal

Commission District(s) 4

Sub-Project Budget / Estimated 9,250,955

REVENUES

	0	0	0	1,319,946	0	0	0	0	0	0	0	1,319,946	Future WASD Revenue Bonds
	4,322,081	0	4,322,081	0	0	0	0	0	0	0	0	4,322,081	S Construction - 2013 Bonds
	3,608,928	0	3,608,928	0	0	0	0	0	0	0	0	3,608,928	WASD Wastewater Commercial Paper - 2015
TOTAL	7,931,009	0	7,931,009	1,319,946	0	0	0	0	0	0	0	9,250,955	

EXPENDITURES

	0	0	0	1,319,946	0	0	0	0	0	0	0	1,319,946	Future WASD Revenue Bonds
	4,322,081	0	4,322,081	0	0	0	0	0	0	0	0	4,322,081	S Construction - 2013 Bonds
	1,313,367	2,295,561	3,608,928	0	0	0	0	0	0	0	0	3,608,928	WASD Wastewater Commercial Paper - 2015
TOTAL	5,635,448	2,295,561	7,931,009	1,319,946	0	0	0	0	0	0	0	9,250,955	



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WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102707 S NDWWTP - Plant Wide Electrical

Commission District(s) 4

Sub-Project Budget / Estimated 2,642,756

REVENUES

	0	0	0	735,668	1,473,747	76,109	0	0	0	0	2,285,524	Future WASD Revenue Bonds
	357,232	0	357,232	0	0	0	0	0	0	0	357,232	WASD Wastewater Commercial Paper - 2015
TOTAL	357,232	0	357,232	735,668	1,473,747	76,109	0	0	0	0	2,642,756	

EXPENDITURES

	0	0	0	735,668	1,473,747	76,109	0	0	0	0	2,285,524	Future WASD Revenue Bonds
	224,443	132,789	357,232	0	0	0	0	0	0	0	357,232	WASD Wastewater Commercial Paper - 2015
TOTAL	224,443	132,789	357,232	735,668	1,473,747	76,109	0	0	0	0	2,642,756	



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WASTEWATER PROJECTS

1045. WASTEWATER COLLECTION AND TRANSMISSION LINES - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 968150

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
REVENUES	343,414,748													
		0	0	0	16,729,001	11,699,614	11,936,367	10,414,220	8,699,614	8,699,614	8,699,614	76,878,044	Future WASH Revenue Bonds	
		9,889,440	0	9,889,440	0	0	0	0	0	0	0	9,889,440	Plant Expansion Fund - Wastewater	
		89,769,248	0	89,769,248	0	0	0	0	0	0	0	89,769,248	S Construction - 2013 Bonds	
		162,970,898	0	162,970,898	0	0	0	0	0	0	0	162,970,898	WASH Wastewater Commercial Paper - 2015	
		3,907,118	0	3,907,118	0	0	0	0	0	0	0	3,907,118	Wastewater Renewal & Replacement Fund	
TOTAL	266,536,704.0	0	266,536,704	16,729,001.0	11,699,614	11,936,367	10,414,220	8,699,614	8,699,614	8,699,614	343,414,748			
EXPENDITURES														
		0	0	0	16,729,001	11,699,614	11,936,367	10,414,220	8,699,614	8,699,614	8,699,614	76,878,044	Future WASH Revenue Bonds	
		9,889,440	0	9,889,440	0	0	0	0	0	0	0	9,889,440	Plant Expansion Fund - Wastewater	
		89,769,248	0	89,769,248	0	0	0	0	0	0	0	89,769,248	S Construction - 2013 Bonds	
		130,500,680	32,470,218	162,970,898	0	0	0	0	0	0	0	162,970,898	WASH Wastewater Commercial Paper - 2015	
		3,907,118	0	3,907,118	0	0	0	0	0	0	0	3,907,118	Wastewater Renewal & Replacement Fund	
TOTAL	234,066,486.3	32,470,218	266,536,704	16,729,001.0	11,699,614	11,936,367	10,414,220	8,699,614	8,699,614	8,699,614	343,414,748			



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WASTEWATER PROJECTS

1045. WASTEWATER COLLECTION AND TRANSMISSION LINES - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 968150

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
.102800 S Collection System I/I Repairs													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 115,038,136													
REVENUES													
	0	0	0	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	60,897,298	Future WSD Revenue Bonds
	10,056,324	0	10,056,324	0	0	0	0	0	0	0	0	10,056,324	S Construction - 2013 Bonds
	44,084,514	0	44,084,514	0	0	0	0	0	0	0	0	44,084,514	WSD Wastewater Commercial Paper - 2015
TOTAL	54,140,838	0	54,140,838	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	115,038,136	



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WASTEWATER PROJECTS

1045. WASTEWATER COLLECTION AND TRANSMISSION LINES - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 968150

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
EXPENDITURES														
		0	0	0	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	60,897,298	Future WAST Revenue Bonds
	10,056,324		0	10,056,324	0	0	0	0	0	0	0	0	10,056,324	S Construction - 2013 Bonds
	31,066,643	13,017,871		44,084,514	0	0	0	0	0	0	0	0	44,084,514	WASD Wastewater Commercial Paper - 2015
TOTAL	41,122,967	13,017,871		54,140,838	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	8,699,614	115,038,136	



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WASTEWATER PROJECTS

1045. WASTEWATER COLLECTION AND TRANSMISSION LINES - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 968150

	Prior			Projections							Bond Issue		
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025		Future	Total
.102802 S Government Cut FM - Phase 3													
Commission District(s) 5													
Sub-Project Budget / Estimated		88,125,782											
REVENUES													
		9,889,440	0	9,889,440	0	0	0	0	0	0	0	9,889,440	Plant Expansion Fund - Wastewater
		59,316,550	0	59,316,550	0	0	0	0	0	0	0	59,316,550	S Construction - 2013 Bonds
		18,919,792	0	18,919,792	0	0	0	0	0	0	0	18,919,792	WASD Wastewater Commercial Paper - 2015
TOTAL		88,125,782	0	88,125,782	0	0	0	0	0	0	0	88,125,782	
EXPENDITURES													
		9,889,440	0	9,889,440	0	0	0	0	0	0	0	9,889,440	Plant Expansion Fund - Wastewater
		59,316,550	0	59,316,550	0	0	0	0	0	0	0	59,316,550	S Construction - 2013 Bonds
		18,875,005	44,787	18,919,792	0	0	0	0	0	0	0	18,919,792	WASD Wastewater Commercial Paper - 2015
TOTAL		88,080,995	44,787	88,125,782	0	0	0	0	0	0	0	88,125,782	



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WASTEWATER PROJECTS

1045. WASTEWATER COLLECTION AND TRANSMISSION LINES - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 968150

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.102803 S North Dade 72 inch PCCP FM Rehabilitation													
Commission District(s) 7													
Sub-Project Budget / Estimated	21,477,280												
REVENUES													
	15,865,992	0	15,865,992	0	0	0	0	0	0	0	0	15,865,992	S Construction - 2013 Bonds
	4,890,475	0	4,890,475	0	0	0	0	0	0	0	0	4,890,475	WASD Wastewater Commercial Paper - 2015
	720,813	0	720,813	0	0	0	0	0	0	0	0	720,813	Wastewater Renewal & Replacement Fund
TOTAL	21,477,280	0	21,477,280	0	0	0	0	0	0	0	0	21,477,280	
EXPENDITURES													
	15,865,992	0	15,865,992	0	0	0	0	0	0	0	0	15,865,992	S Construction - 2013 Bonds
	4,890,475	0	4,890,475	0	0	0	0	0	0	0	0	4,890,475	WASD Wastewater Commercial Paper - 2015
	720,813	0	720,813	0	0	0	0	0	0	0	0	720,813	Wastewater Renewal & Replacement Fund
TOTAL	21,477,280	0	21,477,280	0	0	0	0	0	0	0	0	21,477,280	



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WASTEWATER PROJECTS

1045. WASTEWATER COLLECTION AND TRANSMISSION LINES - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 968150

	Prior			Projections							Bond Issue		
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025		Future	Total
.102804 S South Dade 54 inch PCCP FM Rehabilitation													
Commission District(s) 7													
Sub-Project Budget / Estimated 43,981,261													
REVENUES													
	2,064,524	0	2,064,524	0	0	0	0	0	0	0	0	2,064,524	S Construction - 2013 Bonds
	41,916,737	0	41,916,737	0	0	0	0	0	0	0	0	41,916,737	WASD Wastewater Commercial Paper - 2015
TOTAL	43,981,261	0	43,981,261	0	0	0	0	0	0	0	0	43,981,261	
EXPENDITURES													
	2,064,524	0	2,064,524	0	0	0	0	0	0	0	0	2,064,524	S Construction - 2013 Bonds
	35,771,573	6,145,164	41,916,737	0	0	0	0	0	0	0	0	41,916,737	WASD Wastewater Commercial Paper - 2015
TOTAL	37,836,097	6,145,164	43,981,261	0	0	0	0	0	0	0	0	43,981,261	



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WASTEWATER PROJECTS

1045. WASTEWATER COLLECTION AND TRANSMISSION LINES - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 968150

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.102807 S Rehabilitation of 54 inch PCCP FM in the City of Miami													
Commission District(s) 7													
Sub-Project Budget / Estimated 20,024,257													
REVENUES													
	349,046	0	349,046	0	0	0	0	0	0	0	0	349,046	S Construction - 2013 Bonds
	19,675,211	0	19,675,211	0	0	0	0	0	0	0	0	19,675,211	WASD Wastewater Commercial Paper - 2015
TOTAL	20,024,257	0	20,024,257	0	0	0	0	0	0	0	0	20,024,257	
EXPENDITURES													
	349,046	0	349,046	0	0	0	0	0	0	0	0	349,046	S Construction - 2013 Bonds
	15,879,185	3,796,026	19,675,211	0	0	0	0	0	0	0	0	19,675,211	WASD Wastewater Commercial Paper - 2015
TOTAL	16,228,231	3,796,026	20,024,257	0	0	0	0	0	0	0	0	20,024,257	



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WASTEWATER PROJECTS

1045. WASTEWATER COLLECTION AND TRANSMISSION LINES - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 968150

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
.102808 S Replace Approximately 25 miles of AC force mains													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 31,258,162													
REVENUES													
	0	0	0	8,029,387	3,000,000	2,000,000	0	0	0	0	0	13,029,387	Future WASHD Revenue Bonds
	1,653,157	0	1,653,157	0	0	0	0	0	0	0	0	1,653,157	S Construction - 2013 Bonds
	13,389,313	0	13,389,313	0	0	0	0	0	0	0	0	13,389,313	WASHD Wastewater Commercial Paper - 2015
	3,186,305	0	3,186,305	0	0	0	0	0	0	0	0	3,186,305	Wastewater Renewal & Replacement Fund
TOTAL	18,228,775	0	18,228,775	8,029,387	3,000,000	2,000,000	0	0	0	0	0	31,258,162	



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WASTEWATER PROJECTS

1045. WASTEWATER COLLECTION AND TRANSMISSION LINES - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 968150

	Prior			Projections							Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			Future
EXPENDITURES													
		0	0	0	8,029,387	3,000,000	2,000,000	0	0	0	0	13,029,387	Future WASD Revenue Bonds
		1,653,157	0	1,653,157	0	0	0	0	0	0	0	1,653,157	S Construction - 2013 Bonds
		7,885,840	5,503,473	13,389,313	0	0	0	0	0	0	0	13,389,313	WASD Wastewater Commercial Paper - 2015
		3,186,305	0	3,186,305	0	0	0	0	0	0	0	3,186,305	Wastewater Renewal & Replacement Fund
TOTAL		12,725,302	5,503,473	18,228,775	8,029,387	3,000,000	2,000,000	0	0	0	0	31,258,162	



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WASTEWATER PROJECTS

1045. WASTEWATER COLLECTION AND TRANSMISSION LINES - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 968150

Budget/ Estimate Cost	Prior			Projections						Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.102809 S Opa-Locka Airport 48" PCCP force main replacement												
Commission District(s) 1												
Sub-Project Budget / Estimated 23,509,870												
REVENUES												
	0	0	0	0	0	1,236,753	1,714,606	0	0	0	2,951,359	Future WASD Revenue Bonds
	463,655	0	463,655	0	0	0	0	0	0	0	463,655	S Construction - 2013 Bonds
	20,094,856	0	20,094,856	0	0	0	0	0	0	0	20,094,856	WASD Wastewater Commercial Paper - 2015
TOTAL	20,558,511	0	20,558,511	0	0	1,236,753	1,714,606	0	0	0	23,509,870	
EXPENDITURES												
	0	0	0	0	0	1,236,753	1,714,606	0	0	0	2,951,359	Future WASD Revenue Bonds
	463,655	0	463,655	0	0	0	0	0	0	0	463,655	S Construction - 2013 Bonds
	16,131,959	3,962,897	20,094,856	0	0	0	0	0	0	0	20,094,856	WASD Wastewater Commercial Paper - 2015
TOTAL	16,595,614	3,962,897	20,558,511	0	0	1,236,753	1,714,606	0	0	0	23,509,870	



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WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
110,723,789													
REVENUES													
	0	0	0	14,606,554	5,075,837	2,198,850	1,025,916	216,543	0	0	0	23,123,700	Future WASH Revenue Bonds
	1,005,978	1,753,145	2,759,123	0	0	0	0	0	0	0	0	2,759,123	Plant Expansion Fund - Wastewater
	7,802,490	0	7,802,490	0	0	0	0	0	0	0	0	7,802,490	S Construction - 2013 Bonds
	77,038,476	0	77,038,476	0	0	0	0	0	0	0	0	77,038,476	WASH Wastewater Commercial Paper - 2015
TOTAL	85,846,944.0	1,753,145	87,600,089	14,606,554.0	5,075,837	2,198,850	1,025,916	216,543	0	0	0	110,723,789	
EXPENDITURES													
	0	0	0	14,606,554	5,075,837	2,198,850	1,025,916	216,543	0	0	0	23,123,700	Future WASH Revenue Bonds
	1,005,978	1,753,145	2,759,123	0	0	0	0	0	0	0	0	2,759,123	Plant Expansion Fund - Wastewater
	7,802,489	0	7,802,489	0	0	0	0	0	0	0	0	7,802,489	S Construction - 2013 Bonds
	44,931,776	32,106,700	77,038,476	0	0	0	0	0	0	0	0	77,038,476	WASH Wastewater Commercial Paper - 2015
TOTAL	53,740,243.4	33,859,845	87,600,088	14,606,554.0	5,075,837	2,198,850	1,025,916	216,543	0	0	0	110,723,788	



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WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections								Bond Issue	
	Budget/	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	Future		Total
	Estimate Cost	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025			
.102900 S DORAL BASIN - UPGRADE SEWAGE PS No. 418													
Commission District(s)	12												
Sub-Project Budget / Estimated	11,869,815												
REVENUES													
	1,005,978	1,753,145	2,759,123	0	0	0	0	0	0	0	0	2,759,123	Plant Expansion Fund - Wastewater
	402,025	0	402,025	0	0	0	0	0	0	0	0	402,025	S Construction - 2013 Bonds
	8,708,667	0	8,708,667	0	0	0	0	0	0	0	0	8,708,667	WASD Wastewater Commercial Paper - 2015
TOTAL	10,116,670	1,753,145	11,869,815	0	0	0	0	0	0	0	0	11,869,815	
EXPENDITURES													
	1,005,978	1,753,145	2,759,123	0	0	0	0	0	0	0	0	2,759,123	Plant Expansion Fund - Wastewater
	402,025	0	402,025	0	0	0	0	0	0	0	0	402,025	S Construction - 2013 Bonds
	7,845,178	863,489	8,708,667	0	0	0	0	0	0	0	0	8,708,667	WASD Wastewater Commercial Paper - 2015
TOTAL	9,253,181	2,616,634	11,869,815	0	0	0	0	0	0	0	0	11,869,815	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102902 S Upgrade of PS#0692													
Commission District(s) 8													
Sub-Project Budget / Estimated		15,493,126											
REVENUES													
		0	0	0	9,913,165	248,798	0	0	0	0	0	10,161,963	Future WASH Revenue Bonds
		488,031	0	488,031	0	0	0	0	0	0	0	488,031	S Construction - 2013 Bonds
		4,843,132	0	4,843,132	0	0	0	0	0	0	0	4,843,132	WASH Wastewater Commercial Paper - 2015
TOTAL		5,331,163	0	5,331,163	9,913,165	248,798	0	0	0	0	0	15,493,126	
EXPENDITURES													
		0	0	0	9,913,165	248,798	0	0	0	0	0	10,161,963	Future WASH Revenue Bonds
		488,031	0	488,031	0	0	0	0	0	0	0	488,031	S Construction - 2013 Bonds
		1,991,441	2,851,691	4,843,132	0	0	0	0	0	0	0	4,843,132	WASH Wastewater Commercial Paper - 2015
TOTAL		2,479,472	2,851,691	5,331,163	9,913,165	248,798	0	0	0	0	0	15,493,126	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections										Bond Issue
	Budget/	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	Future	Total		
	Estimate Cost	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025				
.102903 S Replacement of Switchgear PS#0414														
Commission District(s) 13														
Sub-Project Budget / Estimated	7,305,465													
REVENUES														
	0	0	0	53,884	0	0	0	0	0	0	0	53,884	Future WAST Revenue Bonds	
	421,604	0	421,604	0	0	0	0	0	0	0	0	421,604	S Construction - 2013 Bonds	
	6,829,977	0	6,829,977	0	0	0	0	0	0	0	0	6,829,977	WAST Wastewater Commercial Paper - 2015	
TOTAL	7,251,581	0	7,251,581	53,884	0	0	0	0	0	0	0	7,305,465		
EXPENDITURES														
	0	0	0	53,884	0	0	0	0	0	0	0	53,884	Future WAST Revenue Bonds	
	421,604	0	421,604	0	0	0	0	0	0	0	0	421,604	S Construction - 2013 Bonds	
	2,826,300	4,003,677	6,829,977	0	0	0	0	0	0	0	0	6,829,977	WAST Wastewater Commercial Paper - 2015	
TOTAL	3,247,903	4,003,677	7,251,580	53,884	0	0	0	0	0	0	0	7,305,464		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	

.102904 S Replacement of Switchgear and Rehabilitation of Wet well PS#0415

Commission District(s) 1

Sub-Project Budget / Estimated **8,005,876**

REVENUES

	283,547	0	283,547	0	0	0	0	0	0	0	0	283,547	S Construction - 2013 Bonds
	7,722,329	0	7,722,329	0	0	0	0	0	0	0	0	7,722,329	WASD Wastewater Commercial Paper - 2015
TOTAL	8,005,876	0	8,005,876	0	0	0	0	0	0	0	0	8,005,876	

EXPENDITURES

	283,547	0	283,547	0	0	0	0	0	0	0	0	283,547	S Construction - 2013 Bonds
	3,828,790	3,893,539	7,722,329	0	0	0	0	0	0	0	0	7,722,329	WASD Wastewater Commercial Paper - 2015
TOTAL	4,112,337	3,893,539	8,005,876	0	0	0	0	0	0	0	0	8,005,876	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.102905 S Replacement of Switchgear PS#0416

Commission District(s) 1

Sub-Project Budget / Estimated 7,313,640

REVENUES

	0	0	0	37,535	0	0	0	0	0	0	0	37,535	Future WASD Revenue Bonds
	270,110	0	270,110	0	0	0	0	0	0	0	0	270,110	S Construction - 2013 Bonds
	7,005,995	0	7,005,995	0	0	0	0	0	0	0	0	7,005,995	WASD Wastewater Commercial Paper - 2015
TOTAL	7,276,105	0	7,276,105	37,535	0	0	0	0	0	0	0	7,313,640	

EXPENDITURES

	0	0	0	37,535	0	0	0	0	0	0	0	37,535	Future WASD Revenue Bonds
	270,110	0	270,110	0	0	0	0	0	0	0	0	270,110	S Construction - 2013 Bonds
	3,632,296	3,373,699	7,005,995	0	0	0	0	0	0	0	0	7,005,995	WASD Wastewater Commercial Paper - 2015
TOTAL	3,902,405	3,373,699	7,276,104	37,535	0	0	0	0	0	0	0	7,313,639	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.102906 S Replacement of Switchgear and Rehabilitation of Wet well PS#0417

Commission District(s) 13

Sub-Project Budget / Estimated 7,526,236

REVENUES

	0	0	0	1,053,360	0	0	0	0	0	0	0	1,053,360	Future WASD Revenue Bonds
	422,759	0	422,759	0	0	0	0	0	0	0	0	422,759	S Construction - 2013 Bonds
	6,050,117	0	6,050,117	0	0	0	0	0	0	0	0	6,050,117	WASD Wastewater Commercial Paper - 2015
TOTAL	6,472,876	0	6,472,876	1,053,360	0	0	0	0	0	0	0	7,526,236	

EXPENDITURES

	0	0	0	1,053,360	0	0	0	0	0	0	0	1,053,360	Future WASD Revenue Bonds
	422,759	0	422,759	0	0	0	0	0	0	0	0	422,759	S Construction - 2013 Bonds
	1,027,118	5,022,999	6,050,117	0	0	0	0	0	0	0	0	6,050,117	WASD Wastewater Commercial Paper - 2015
TOTAL	1,449,877	5,022,999	6,472,876	1,053,360	0	0	0	0	0	0	0	7,526,236	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	

.102907 S Replacement of Electrical and Mechanical Equipment in PS#0107

Commission District(s) 3

Sub-Project Budget / Estimated 2,091,278

REVENUES

	133,980	0	133,980	0	0	0	0	0	0	0	0	133,980	S Construction - 2013 Bonds
	1,957,298	0	1,957,298	0	0	0	0	0	0	0	0	1,957,298	WASD Wastewater Commercial Paper - 2015
TOTAL	2,091,278	0	2,091,278	0	0	0	0	0	0	0	0	2,091,278	

EXPENDITURES

	133,980	0	133,980	0	0	0	0	0	0	0	0	133,980	S Construction - 2013 Bonds
	1,957,298	0	1,957,298	0	0	0	0	0	0	0	0	1,957,298	WASD Wastewater Commercial Paper - 2015
TOTAL	2,091,278	0	2,091,278	0	0	0	0	0	0	0	0	2,091,278	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.102908 S Replacement of Plumbing and Electrical Equipment at PS#0301													
Commission District(s)	4												
Sub-Project Budget / Estimated	12,619,481												
REVENUES													
	0	0	0	2,705,832	4,827,039	2,198,850	1,025,916	216,543	0	0	10,974,180	Future WASD Revenue Bonds	
	332,376	0	332,376	0	0	0	0	0	0	0	332,376	S Construction - 2013 Bonds	
	1,312,925	0	1,312,925	0	0	0	0	0	0	0	1,312,925	WASD Wastewater Commercial Paper - 2015	
TOTAL	1,645,301	0	1,645,301	2,705,832	4,827,039	2,198,850	1,025,916	216,543	0	0	12,619,481		
EXPENDITURES													
	0	0	0	2,705,832	4,827,039	2,198,850	1,025,916	216,543	0	0	10,974,180	Future WASD Revenue Bonds	
	332,376	0	332,376	0	0	0	0	0	0	0	332,376	S Construction - 2013 Bonds	
	732,763	580,162	1,312,925	0	0	0	0	0	0	0	1,312,925	WASD Wastewater Commercial Paper - 2015	
TOTAL	1,065,139	580,162	1,645,301	2,705,832	4,827,039	2,198,850	1,025,916	216,543	0	0	12,619,481		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	

.102909 S Upgrade of PS#0488

Commission District(s) 2

Sub-Project Budget / Estimated **868,241**

REVENUES

	85,031	0	85,031	0	0	0	0	0	0	0	0	85,031	S Construction - 2013 Bonds
	783,210	0	783,210	0	0	0	0	0	0	0	0	783,210	WASD Wastewater Commercial Paper - 2015
TOTAL	868,241	0	868,241	0	0	0	0	0	0	0	0	868,241	

EXPENDITURES

	85,031	0	85,031	0	0	0	0	0	0	0	0	85,031	S Construction - 2013 Bonds
	772,260	10,950	783,210	0	0	0	0	0	0	0	0	783,210	WASD Wastewater Commercial Paper - 2015
TOTAL	857,291	10,950	868,241	0	0	0	0	0	0	0	0	868,241	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	

.102910 S Installation of 60 inch FM from Kendall Dr to PS#0536

Commission District(s) 7

Sub-Project Budget / Estimated 1,936,461

REVENUES

	0	0	0	47,569	0	0	0	0	0	0	0	47,569	Future WAST Revenue Bonds
	1,888,892	0	1,888,892	0	0	0	0	0	0	0	0	1,888,892	WAST Wastewater Commercial Paper - 2015
TOTAL	1,888,892	0	1,888,892	47,569	0	0	0	0	0	0	0	1,936,461	

EXPENDITURES

	0	0	0	47,569	0	0	0	0	0	0	0	47,569	Future WAST Revenue Bonds
	613,449	1,275,443	1,888,892	0	0	0	0	0	0	0	0	1,888,892	WAST Wastewater Commercial Paper - 2015
TOTAL	613,449	1,275,443	1,888,892	47,569	0	0	0	0	0	0	0	1,936,461	



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WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	

.102911 S Replacement of Switchgear at PS#0187

Commission District(s) 6

Sub-Project Budget / Estimated 12,853,739

REVENUES

	674,765	0	674,765	0	0	0	0	0	0	0	0	674,765	S Construction - 2013 Bonds
	12,178,974	0	12,178,974	0	0	0	0	0	0	0	0	12,178,974	WASD Wastewater Commercial Paper - 2015
TOTAL	12,853,739	0	12,853,739	0	0	0	0	0	0	0	0	12,853,739	

EXPENDITURES

	674,765	0	674,765	0	0	0	0	0	0	0	0	674,765	S Construction - 2013 Bonds
	10,042,729	2,136,245	12,178,974	0	0	0	0	0	0	0	0	12,178,974	WASD Wastewater Commercial Paper - 2015
TOTAL	10,717,494	2,136,245	12,853,739	0	0	0	0	0	0	0	0	12,853,739	



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WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102914 S Upgrade of PS #0065, 0201, 0334, 0374, 0607

Commission District(s) 7,12,13,1,8

Sub-Project Budget / Estimated **6,110,043**

REVENUES

	3,967,621	0	3,967,621	0	0	0	0	0	0	0	0	3,967,621	S Construction - 2013 Bonds
	2,142,422	0	2,142,422	0	0	0	0	0	0	0	0	2,142,422	WASD Wastewater Commercial Paper - 2015
TOTAL	6,110,043	0	6,110,043	0	0	0	0	0	0	0	0	6,110,043	

EXPENDITURES

	3,967,621	0	3,967,621	0	0	0	0	0	0	0	0	3,967,621	S Construction - 2013 Bonds
	1,855,321	287,101	2,142,422	0	0	0	0	0	0	0	0	2,142,422	WASD Wastewater Commercial Paper - 2015
TOTAL	5,822,943	287,101	6,110,044	0	0	0	0	0	0	0	0	6,110,044	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	

.102915 S Upgrade of PS #00198, 0437, 0466, 0680

Commission District(s) 12,1,4,9

Sub-Project Budget / Estimated 4,071,507

REVENUES

	320,641	0	320,641	0	0	0	0	0	0	0	0	320,641	S Construction - 2013 Bonds
	3,750,866	0	3,750,866	0	0	0	0	0	0	0	0	3,750,866	WASD Wastewater Commercial Paper - 2015
TOTAL	4,071,507	0	4,071,507	0	0	0	0	0	0	0	0	4,071,507	

EXPENDITURES

	320,641	0	320,641	0	0	0	0	0	0	0	0	320,641	S Construction - 2013 Bonds
	2,989,892	760,974	3,750,866	0	0	0	0	0	0	0	0	3,750,866	WASD Wastewater Commercial Paper - 2015
TOTAL	3,310,533	760,974	4,071,507	0	0	0	0	0	0	0	0	4,071,507	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections								Bond Issue	
	Budget/	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	Future		Total
	Estimate Cost	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025			
.102916 S Upgrade of PS #0037, 0351, 0370, 0403													
Commission District(s) 1,3,7													
Sub-Project Budget / Estimated		6,023,411											
REVENUES													
		6,023,411	0	6,023,411	0	0	0	0	0	0	0	6,023,411	WASD Wastewater Commercial Paper - 2015
TOTAL		6,023,411	0	6,023,411	0	0	0	0	0	0	0	6,023,411	
EXPENDITURES													
		4,206,870	1,816,541	6,023,411	0	0	0	0	0	0	0	6,023,411	WASD Wastewater Commercial Paper - 2015
TOTAL		4,206,870	1,816,541	6,023,411	0	0	0	0	0	0	0	6,023,411	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102917 S Upgrade of PS #0441, 0491, 0710, 0827, 0852, 1236

Commission District(s) 1,4,6,7,9,10

Sub-Project Budget / Estimated 6,635,470

REVENUES

	0	0	0	795,209	0	0	0	0	0	0	0	795,209	Future WASH Revenue Bonds
	5,840,261	0	5,840,261	0	0	0	0	0	0	0	0	5,840,261	WASH Wastewater Commercial Paper - 2015
TOTAL	5,840,261	0	5,840,261	795,209	0	0	0	0	0	0	0	6,635,470	

EXPENDITURES

	0	0	0	795,209	0	0	0	0	0	0	0	795,209	Future WASH Revenue Bonds
	610,071	5,230,190	5,840,261	0	0	0	0	0	0	0	0	5,840,261	WASH Wastewater Commercial Paper - 2015
TOTAL	610,071	5,230,190	5,840,261	795,209	0	0	0	0	0	0	0	6,635,470	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1047. WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT

Commission District(s)

OSBM No. 968090

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future			
131,298,608														
REVENUES														
	0	0	0	19,005	0	0	0	0	0	0	0	19,005	Future WASH Revenue Bonds	
	3,821,000	5,477,000	9,298,000	10,383,000	15,476,000	18,975,000	20,470,000	30,900,000	20,498,000	0	0	126,000,000	General Obligation Bonds	
	275,850	0	275,850	0	0	0	0	0	0	0	0	275,850	S Construction - 2013 Bonds	
	5,003,753	0	5,003,753	0	0	0	0	0	0	0	0	5,003,753	WASH Wastewater Commercial Paper - 2015	
TOTAL	9,100,603.0	5,477,000	14,577,603	10,402,005.0	15,476,000	18,975,000	20,470,000	30,900,000	20,498,000	0	0	131,298,608		
EXPENDITURES														
	0	0	0	19,005	0	0	0	0	0	0	0	19,005	Future WASH Revenue Bonds	
	3,821,000	5,477,000	9,298,000	10,383,000	15,476,000	18,975,000	20,470,000	30,900,000	20,498,000	0	0	126,000,000	General Obligation Bonds	
	275,850	0	275,850	0	0	0	0	0	0	0	0	275,850	S Construction - 2013 Bonds	
	1,234,142	3,769,611	5,003,753	0	0	0	0	0	0	0	0	5,003,753	WASH Wastewater Commercial Paper - 2015	
TOTAL	5,330,992.2	9,246,611	14,577,603	10,402,005.0	15,476,000	18,975,000	20,470,000	30,900,000	20,498,000	0	0	131,298,608		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1047. WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT

Commission District(s)

OSBM No. 968090

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.103000 S WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - GRAVITY AND FORCE MAINS													
Commission District(s) 1,2,3,4,6,7,8,9,10,12													
Sub-Project Budget / Estimated 100,800,000													
REVENUES													
		3,056,800	4,381,600	7,438,400	8,306,400	12,380,800	15,180,000	16,376,000	24,720,000	16,398,400	0	100,800,000	General Obligation Bonds
TOTAL		3,056,800	4,381,600	7,438,400	8,306,400	12,380,800	15,180,000	16,376,000	24,720,000	16,398,400	0	100,800,000	
EXPENDITURES													
		3,056,800	4,381,600	7,438,400	8,306,400	12,380,800	15,180,000	16,376,000	24,720,000	16,398,400	0	100,800,000	General Obligation Bonds
TOTAL		3,056,800	4,381,600	7,438,400	8,306,400	12,380,800	15,180,000	16,376,000	24,720,000	16,398,400	0	100,800,000	
.103001 S WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PUMP STATIONS													
Commission District(s) 1,2,3,4,6,7,8,9,10,12													
Sub-Project Budget / Estimated 25,200,000													
REVENUES													
		764,200	1,095,400	1,859,600	2,076,600	3,095,200	3,795,000	4,094,000	6,180,000	4,099,600	0	25,200,000	General Obligation Bonds
TOTAL		764,200	1,095,400	1,859,600	2,076,600	3,095,200	3,795,000	4,094,000	6,180,000	4,099,600	0	25,200,000	
EXPENDITURES													
		764,200	1,095,400	1,859,600	2,076,600	3,095,200	3,795,000	4,094,000	6,180,000	4,099,600	0	25,200,000	General Obligation Bonds
TOTAL		764,200	1,095,400	1,859,600	2,076,600	3,095,200	3,795,000	4,094,000	6,180,000	4,099,600	0	25,200,000	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1047. WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT

Commission District(s)

OSBM No. 968090

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.103002 S SUPPLEMENTAL ENVIRONMENT PROJECT (SEP)

Commission District(s) 2

Sub-Project Budget / Estimated **5,298,608**

REVENUES

	0	0	0	19,005	0	0	0	0	0	0	0	19,005	Future WAST Revenue Bonds
	275,850	0	275,850	0	0	0	0	0	0	0	0	275,850	S Construction - 2013 Bonds
	5,003,753	0	5,003,753	0	0	0	0	0	0	0	0	5,003,753	WAST Wastewater Commercial Paper - 2015
TOTAL	5,279,603	0	5,279,603	19,005	0	0	0	0	0	0	0	5,298,608	

EXPENDITURES

	0	0	0	19,005	0	0	0	0	0	0	0	19,005	Future WAST Revenue Bonds
	275,850	0	275,850	0	0	0	0	0	0	0	0	275,850	S Construction - 2013 Bonds
	1,234,142	3,769,611	5,003,753	0	0	0	0	0	0	0	0	5,003,753	WAST Wastewater Commercial Paper - 2015
TOTAL	1,509,992	3,769,611	5,279,603	19,005	0	0	0	0	0	0	0	5,298,608	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1048. OCEAN OUTFALL LEGISLATION CAPACITY

Commission District(s)

OSBM No. 2000000580

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future			
531,783,256														
REVENUES														
		0	0	0	11,257,866	26,309,785	67,894,319	69,522,610	60,538,098	55,500,000	114,400,000	405,422,678	Future WASH Revenue Bonds	
	31,990,117	9,477,943	41,468,060	25,000,289	41,691,416	11,000,000	0	0	0	0	0	119,159,765	Plant Expansion Fund - Wastewater	
	150,046	0	150,046	0	0	0	0	0	0	0	0	150,046	S Construction - 2013 Bonds	
	7,050,767	0	7,050,767	0	0	0	0	0	0	0	0	7,050,767	WASH Wastewater Commercial Paper - 2015	
TOTAL	39,190,930.4	9,477,943	48,668,873	36,258,155.0	68,001,201	78,894,319	69,522,610	60,538,098	55,500,000	114,400,000	114,400,000	531,783,256		
EXPENDITURES														
		0	0	0	11,257,866	26,309,785	67,894,319	69,522,610	60,538,098	55,500,000	114,400,000	405,422,678	Future WASH Revenue Bonds	
	31,990,117	9,477,943	41,468,060	25,000,289	41,691,416	11,000,000	0	0	0	0	0	119,159,765	Plant Expansion Fund - Wastewater	
	150,046	0	150,046	0	0	0	0	0	0	0	0	150,046	S Construction - 2013 Bonds	
	1,817,325	5,233,441	7,050,766	0	0	0	0	0	0	0	0	7,050,766	WASH Wastewater Commercial Paper - 2015	
TOTAL	33,957,488.8	14,711,384	48,668,873	36,258,155.0	68,001,201	78,894,319	69,522,610	60,538,098	55,500,000	114,400,000	114,400,000	531,783,256		



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WASTEWATER PROJECTS
1048. OCEAN OUTFALL LEGISLATION CAPACITY
Commission District(s)
OSBM No. 2000000580

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.101757 S 48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)													
Commission District(s) 3													
Sub-Project Budget / Estimated	27,392,419												
REVENUES													
	0	0	0	517,762	0	0	0	0	0	0	0	517,762	Future WAST Revenue Bonds
	19,411,131	1,808,734	21,219,865	0	0	0	0	0	0	0	0	21,219,865	Plant Expansion Fund - Wastewater
	150,046	0	150,046	0	0	0	0	0	0	0	0	150,046	S Construction - 2013 Bonds
	5,504,746	0	5,504,746	0	0	0	0	0	0	0	0	5,504,746	WAST Wastewater Commercial Paper - 2015
TOTAL	25,065,923	1,808,734	26,874,657	517,762	0	0	0	0	0	0	0	27,392,419	
EXPENDITURES													
	0	0	0	517,762	0	0	0	0	0	0	0	517,762	Future WAST Revenue Bonds
	19,411,131	1,808,734	21,219,865	0	0	0	0	0	0	0	0	21,219,865	Plant Expansion Fund - Wastewater
	150,046	0	150,046	0	0	0	0	0	0	0	0	150,046	S Construction - 2013 Bonds
	1,802,131	3,702,615	5,504,746	0	0	0	0	0	0	0	0	5,504,746	WAST Wastewater Commercial Paper - 2015
TOTAL	21,363,308	5,511,349	26,874,657	517,762	0	0	0	0	0	0	0	27,392,419	



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WASTEWATER PROJECTS
1048. OCEAN OUTFALL LEGISLATION CAPACITY
Commission District(s)
OSBM No. 2000000580

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.102055 S ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF													
Commission District(s) 8													
Sub-Project Budget / Estimated 34,942,789													
REVENUES													
	0	0	0	0	3,095,688	11,453,363	2,223,240	1,101,276	0	0	17,873,567	Future WASD Revenue Bonds	
	5,815,473	3,101,795	8,917,268	1,732,350	6,237,561	0	0	0	0	0	16,887,179	Plant Expansion Fund - Wastewater	
	182,043	0	182,043	0	0	0	0	0	0	0	182,043	WASD Wastewater Commercial Paper - 2015	
TOTAL	5,997,516	3,101,795	9,099,311	1,732,350	9,333,249	11,453,363	2,223,240	1,101,276	0	0	34,942,789		
EXPENDITURES													
	0	0	0	0	3,095,688	11,453,363	2,223,240	1,101,276	0	0	17,873,567	Future WASD Revenue Bonds	
	5,815,473	3,101,795	8,917,268	1,732,350	6,237,561	0	0	0	0	0	16,887,179	Plant Expansion Fund - Wastewater	
	15,195	166,848	182,043	0	0	0	0	0	0	0	182,043	WASD Wastewater Commercial Paper - 2015	
TOTAL	5,830,668	3,268,643	9,099,311	1,732,350	9,333,249	11,453,363	2,223,240	1,101,276	0	0	34,942,789		



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1048. OCEAN OUTFALL LEGISLATION CAPACITY
Commission District(s)
OSBM No. 2000000580

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102056 S ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF													
Commission District(s) 8													
Sub-Project Budget / Estimated 124,018,406													
REVENUES													
		0	0	0	0	0	1,395,455	20,928,324	19,000,000	17,500,000	30,500,000	89,323,779	Future WASD Revenue Bonds
	6,763,513	2,313,928	9,077,441	5,343,920	9,273,266	11,000,000	0	0	0	0	34,694,627	Plant Expansion Fund - Wastewater	
TOTAL	6,763,513	2,313,928	9,077,441	5,343,920	9,273,266	12,395,455	20,928,324	19,000,000	17,500,000	30,500,000	124,018,406		
EXPENDITURES													
		0	0	0	0	0	1,395,455	20,928,324	19,000,000	17,500,000	30,500,000	89,323,779	Future WASD Revenue Bonds
	6,763,513	2,313,928	9,077,441	5,343,920	9,273,266	11,000,000	0	0	0	0	34,694,627	Plant Expansion Fund - Wastewater	
TOTAL	6,763,513	2,313,928	9,077,441	5,343,920	9,273,266	12,395,455	20,928,324	19,000,000	17,500,000	30,500,000	124,018,406		



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1048. OCEAN OUTFALL LEGISLATION CAPACITY
Commission District(s)
OSBM No. 2000000580

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.103008 S SDWWTP - Filter Backwash (ST-1C)

Commission District(s) 8

Sub-Project Budget / Estimated 17,845,864

REVENUES

	0	0	0	3,126,849	12,189,985	2,389,568	0	0	0	0	17,706,402	Future WASD Revenue Bonds
	139,462	0	139,462	0	0	0	0	0	0	0	139,462	WASD Wastewater Commercial Paper - 2015
TOTAL	139,462	0	139,462	3,126,849	12,189,985	2,389,568	0	0	0	0	17,845,864	

EXPENDITURES

	0	0	0	3,126,849	12,189,985	2,389,568	0	0	0	0	17,706,402	Future WASD Revenue Bonds
	0	139,462	139,462	0	0	0	0	0	0	0	139,462	WASD Wastewater Commercial Paper - 2015
TOTAL	0	139,462	139,462	3,126,849	12,189,985	2,389,568	0	0	0	0	17,845,864	



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1048. OCEAN OUTFALL LEGISLATION CAPACITY
Commission District(s)
OSBM No. 2000000580

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	
.103009 S SDWWTP - Chlorine Contact & Wells PS (ST-2C)												
Commission District(s) 8												
Sub-Project Budget / Estimated 77,417,138												
REVENUES												
	0	0	0	0	0	19,355,766	15,094,605	9,500,000	5,500,000	1,000,000	50,450,371	Future WASD Revenue Bonds
	0	1,169,987	1,169,987	10,377,303	15,419,477	0	0	0	0	0	26,966,767	Plant Expansion Fund - Wastewater
TOTAL	0	1,169,987	1,169,987	10,377,303	15,419,477	19,355,766	15,094,605	9,500,000	5,500,000	1,000,000	77,417,138	
EXPENDITURES												
	0	0	0	0	0	19,355,766	15,094,605	9,500,000	5,500,000	1,000,000	50,450,371	Future WASD Revenue Bonds
	0	1,169,987	1,169,987	10,377,303	15,419,477	0	0	0	0	0	26,966,767	Plant Expansion Fund - Wastewater
TOTAL	0	1,169,987	1,169,987	10,377,303	15,419,477	19,355,766	15,094,605	9,500,000	5,500,000	1,000,000	77,417,138	



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1048. OCEAN OUTFALL LEGISLATION CAPACITY
Commission District(s)
OSBM No. 2000000580

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.103010 S SDWWTP - Clarifiers and HLD (ST-2B)													
Commission District(s) 8													
Sub-Project Budget / Estimated		123,555,343											
REVENUES													
		0	0	0	0	90,000	12,160,196	14,013,820	15,500,000	18,500,000	43,900,000	104,164,016	Future WASD Revenue Bonds
		0	1,083,499	1,083,499	7,546,716	10,761,112	0	0	0	0	0	19,391,327	Plant Expansion Fund - Wastewater
TOTAL		0	1,083,499	1,083,499	7,546,716	10,851,112	12,160,196	14,013,820	15,500,000	18,500,000	43,900,000	123,555,343	
EXPENDITURES													
		0	0	0	0	90,000	12,160,196	14,013,820	15,500,000	18,500,000	43,900,000	104,164,016	Future WASD Revenue Bonds
		0	1,083,499	1,083,499	7,546,716	10,761,112	0	0	0	0	0	19,391,327	Plant Expansion Fund - Wastewater
TOTAL		0	1,083,499	1,083,499	7,546,716	10,851,112	12,160,196	14,013,820	15,500,000	18,500,000	43,900,000	123,555,343	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS
1048. OCEAN OUTFALL LEGISLATION CAPACITY
Commission District(s)
OSBM No. 2000000580

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
.103011 S SDWWTP - Electrical Building (ST-2D)														
Commission District(s) 8														
Sub-Project Budget / Estimated	126,611,297													
REVENUES														
		0	0	0	7,613,255	10,934,112	21,139,971	17,262,621	15,436,822	14,000,000	39,000,000	125,386,781	Future WAST Revenue Bonds	
	1,224,516		0	1,224,516	0	0	0	0	0	0	0	1,224,516	WAST Wastewater Commercial Paper - 2015	
TOTAL	1,224,516	0	0	1,224,516	7,613,255	10,934,112	21,139,971	17,262,621	15,436,822	14,000,000	39,000,000	126,611,297		
EXPENDITURES														
		0	0	0	7,613,255	10,934,112	21,139,971	17,262,621	15,436,822	14,000,000	39,000,000	125,386,781	Future WAST Revenue Bonds	
	0	1,224,516		1,224,516	0	0	0	0	0	0	0	1,224,516	WAST Wastewater Commercial Paper - 2015	
TOTAL	0	1,224,516	0	1,224,516	7,613,255	10,934,112	21,139,971	17,262,621	15,436,822	14,000,000	39,000,000	126,611,297		



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WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
335,851,137													
REVENUES													
		0	0	0	15,991,314	18,177,408	16,753,379	21,453,002	40,245,109	36,754,715	127,647,967	277,022,894	Future WASH Revenue Bonds
	46,920,632		24,359	46,944,991	0	0	0	0	0	0	0	46,944,991	Plant Expansion Fund - Wastewater
	1,643,783		0	1,643,783	0	0	0	0	0	0	0	1,643,783	S Construction - 2013 Bonds
	10,239,469		0	10,239,469	0	0	0	0	0	0	0	10,239,469	WASH Wastewater Commercial Paper - 2015
TOTAL	58,803,884.0		24,359	58,828,243	15,991,314.0	18,177,408	16,753,379	21,453,002	40,245,109	36,754,715	127,647,967	335,851,137	
EXPENDITURES													
		0	0	0	15,991,314	18,177,408	16,753,379	21,453,002	40,245,109	36,754,715	127,647,967	277,022,894	Future WASH Revenue Bonds
	46,920,632		24,359	46,944,991	0	0	0	0	0	0	0	46,944,991	Plant Expansion Fund - Wastewater
	1,643,783		0	1,643,783	0	0	0	0	0	0	0	1,643,783	S Construction - 2013 Bonds
	2,057,555	8,181,914		10,239,469	0	0	0	0	0	0	0	10,239,469	WASH Wastewater Commercial Paper - 2015
TOTAL	50,621,969.7	8,206,273		58,828,243	15,991,314.0	18,177,408	16,753,379	21,453,002	40,245,109	36,754,715	127,647,967	335,851,137	



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WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.100984 S REFURBISH STRUCTURES IN PUMP STATIONS													
Commission District(s) 4,7,8													
Sub-Project Budget / Estimated 2,511,539													
REVENUES													
	0	0	0	600,000	400,000	400,000	310,035	0	0	0	1,710,035	Future WASD Revenue Bonds	
	120,147	0	120,147	0	0	0	0	0	0	0	120,147	S Construction - 2013 Bonds	
	681,357	0	681,357	0	0	0	0	0	0	0	681,357	WASD Wastewater Commercial Paper - 2015	
TOTAL	801,504	0	801,504	600,000	400,000	400,000	310,035	0	0	0	2,511,539		
EXPENDITURES													
	0	0	0	600,000	400,000	400,000	310,035	0	0	0	1,710,035	Future WASD Revenue Bonds	
	120,147	0	120,147	0	0	0	0	0	0	0	120,147	S Construction - 2013 Bonds	
	15,688	665,669	681,357	0	0	0	0	0	0	0	681,357	WASD Wastewater Commercial Paper - 2015	
TOTAL	135,835	665,669	801,504	600,000	400,000	400,000	310,035	0	0	0	2,511,539		



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WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	

.101710 S MASTER PUMP STATION NO. 3 (FORMERLY P.S. 8)

Commission District(s) 5

Sub-Project Budget / Estimated 46,939,789

REVENUES

	46,609,913	24,359	46,634,272	0	0	0	0	0	0	0	46,634,272	Plant Expansion Fund - Wastewater
	305,517	0	305,517	0	0	0	0	0	0	0	305,517	WASD Wastewater Commercial Paper - 2015
TOTAL	46,915,430	24,359	46,939,789	0	0	0	0	0	0	0	46,939,789	

EXPENDITURES

	46,609,913	24,359	46,634,272	0	0	0	0	0	0	0	46,634,272	Plant Expansion Fund - Wastewater
	279,129	26,388	305,517	0	0	0	0	0	0	0	305,517	WASD Wastewater Commercial Paper - 2015
TOTAL	46,889,043	50,747	46,939,790	0	0	0	0	0	0	0	46,939,790	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.101816 S INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS (VAPE)													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		2,300,000											
REVENUES													
		0	0	0	575,000	350,000	290,000	175,000	175,000	0	0	1,565,000	Future WAST Revenue Bonds
	735,000	0	735,000	0	0	0	0	0	0	0	0	735,000	WAST Wastewater Commercial Paper - 2015
TOTAL	735,000	0	735,000	575,000	350,000	290,000	175,000	175,000	0	0	2,300,000		
EXPENDITURES													
		0	0	0	575,000	350,000	290,000	175,000	175,000	0	0	1,565,000	Future WAST Revenue Bonds
	0	735,000	735,000	0	0	0	0	0	0	0	0	735,000	WAST Wastewater Commercial Paper - 2015
TOTAL	0	735,000	735,000	575,000	350,000	290,000	175,000	175,000	0	0	2,300,000		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	

.101823 S INSTALLATION OF REMOTE SYSTEM MONITORING VIDEO EQUIPMENT AT PUMP STATIONS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 1,655,500

REVENUES

	0	0	0	250,000	375,000	256,500	299,500	299,500	0	0	1,480,500	Future WAST Revenue Bonds
	175,000	0	175,000	0	0	0	0	0	0	0	175,000	WAST Wastewater Commercial Paper - 2015
TOTAL	175,000	0	175,000	250,000	375,000	256,500	299,500	299,500	0	0	1,655,500	

EXPENDITURES

	0	0	0	250,000	375,000	256,500	299,500	299,500	0	0	1,480,500	Future WAST Revenue Bonds
	0	175,000	175,000	0	0	0	0	0	0	0	175,000	WAST Wastewater Commercial Paper - 2015
TOTAL	0	175,000	175,000	250,000	375,000	256,500	299,500	299,500	0	0	1,655,500	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.101837 S REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 12,260,000

REVENUES

	0	0	0	751,230	1,002,500	1,315,000	2,527,000	3,750,000	1,200,700	1,163,570	11,710,000	Future WAST Revenue Bonds
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	550,000	0	550,000	0	0	0	0	0	0	0	550,000	WAST Wastewater Commercial Paper - 2015
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TOTAL	550,000	0	550,000	751,230	1,002,500	1,315,000	2,527,000	3,750,000	1,200,700	1,163,570	12,260,000	
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EXPENDITURES

	0	0	0	751,230	1,002,500	1,315,000	2,527,000	3,750,000	1,200,700	1,163,570	11,710,000	Future WAST Revenue Bonds
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	0	550,000	550,000	0	0	0	0	0	0	0	550,000	WAST Wastewater Commercial Paper - 2015
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TOTAL	0	550,000	550,000	751,230	1,002,500	1,315,000	2,527,000	3,750,000	1,200,700	1,163,570	12,260,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.101840 S REPLACEMENT OF ANVIC DRIVES AND SWITCHGEAR AT PS#0536

Commission District(s) 5,6,7

Sub-Project Budget / Estimated 2,102,514

REVENUES

	1,298,988	0	1,298,988	0	0	0	0	0	0	0	0	1,298,988	S Construction - 2013 Bonds
	803,526	0	803,526	0	0	0	0	0	0	0	0	803,526	WASD Wastewater Commercial Paper - 2015
TOTAL	2,102,514	0	2,102,514	0	0	0	0	0	0	0	0	2,102,514	

EXPENDITURES

	1,298,988	0	1,298,988	0	0	0	0	0	0	0	0	1,298,988	S Construction - 2013 Bonds
	0	803,526	803,526	0	0	0	0	0	0	0	0	803,526	WASD Wastewater Commercial Paper - 2015
TOTAL	1,298,988	803,526	2,102,514	0	0	0	0	0	0	0	0	2,102,514	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.101846 S PS 559 FLOW METER

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 500,000

REVENUES

0	0	0	0	0	350,000	150,000	0	0	0	0	500,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	350,000	150,000	0	0	0	0	500,000	
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EXPENDITURES

0	0	0	0	0	350,000	150,000	0	0	0	0	500,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	350,000	150,000	0	0	0	0	500,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	
.101930 S REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS												
Commission District(s) COUNTYWIDE												
Sub-Project Budget / Estimated		4,425,000										
REVENUES												
	0	0	0	850,000	700,000	911,361	305,884	0	0	0	2,767,245	Future WAST Revenue Bonds
	224,648	0	224,648	0	0	0	0	0	0	0	224,648	S Construction - 2013 Bonds
	1,433,107	0	1,433,107	0	0	0	0	0	0	0	1,433,107	WAST Wastewater Commercial Paper - 2015
TOTAL	1,657,755	0	1,657,755	850,000	700,000	911,361	305,884	0	0	0	4,425,000	
EXPENDITURES												
	0	0	0	850,000	700,000	911,361	305,884	0	0	0	2,767,245	Future WAST Revenue Bonds
	224,648	0	224,648	0	0	0	0	0	0	0	224,648	S Construction - 2013 Bonds
	662,482	770,625	1,433,107	0	0	0	0	0	0	0	1,433,107	WAST Wastewater Commercial Paper - 2015
TOTAL	887,130	770,625	1,657,755	850,000	700,000	911,361	305,884	0	0	0	4,425,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Prior				Projections									
Budget/	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	FY	Future	Total	Bond
Estimate Cost	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025				Issue

.101933 S REPLACEMENT OF SUBMERSIBLE PUMPING EQUIPMENT

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 750,000

REVENUES

	0	0	0	225,000	175,000	0	0	0	0	0	0	400,000	Future WASD Revenue Bonds
	350,000	0	350,000	0	0	0	0	0	0	0	0	350,000	WASD Wastewater Commercial Paper - 2015
TOTAL	350,000	0	350,000	225,000	175,000	0	0	0	0	0	0	750,000	

EXPENDITURES

	0	0	0	225,000	175,000	0	0	0	0	0	0	400,000	Future WASD Revenue Bonds
	0	350,000	350,000	0	0	0	0	0	0	0	0	350,000	WASD Wastewater Commercial Paper - 2015
TOTAL	0	350,000	350,000	225,000	175,000	0	0	0	0	0	0	750,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.101934 S REPLACEMENT OF VARIABLE REQUENCY DRIVES (VFD)

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 2,514,908

REVENUES

	0	0	0	550,000	620,000	550,000	320,000	0	0	0	2,040,000	Future WASD Revenue Bonds
	474,908	0	474,908	0	0	0	0	0	0	0	474,908	WASD Wastewater Commercial Paper - 2015
TOTAL	474,908	0	474,908	550,000	620,000	550,000	320,000	0	0	0	2,514,908	

EXPENDITURES

	0	0	0	550,000	620,000	550,000	320,000	0	0	0	2,040,000	Future WASD Revenue Bonds
	129,908	345,000	474,908	0	0	0	0	0	0	0	474,908	WASD Wastewater Commercial Paper - 2015
TOTAL	129,908	345,000	474,908	550,000	620,000	550,000	320,000	0	0	0	2,514,908	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.102042 S DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 16,500,000

REVENUES

	0	0	0	1,081,090	1,695,844	1,815,917	2,000,000	4,000,000	2,000,000	3,700,000	16,292,851	Future WSD Revenue Bonds
	207,149	0	207,149	0	0	0	0	0	0	0	207,149	WSD Wastewater Commercial Paper - 2015
TOTAL	207,149	0	207,149	1,081,090	1,695,844	1,815,917	2,000,000	4,000,000	2,000,000	3,700,000	16,500,000	

EXPENDITURES

	0	0	0	1,081,090	1,695,844	1,815,917	2,000,000	4,000,000	2,000,000	3,700,000	16,292,851	Future WSD Revenue Bonds
	0	207,149	207,149	0	0	0	0	0	0	0	207,149	WSD Wastewater Commercial Paper - 2015
TOTAL	0	207,149	207,149	1,081,090	1,695,844	1,815,917	2,000,000	4,000,000	2,000,000	3,700,000	16,500,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.102043 S DORAL BASIN UPGRADE - P.S. 14 UPGRADE - COUNTY SHARE

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 4,176,232

REVENUES

	0	0	0	3,256,732	860,000	0	0	0	0	0	4,116,732	Future WASD Revenue Bonds
	59,500	0	59,500	0	0	0	0	0	0	0	59,500	WASD Wastewater Commercial Paper - 2015
TOTAL	59,500	0	59,500	3,256,732	860,000	0	0	0	0	0	4,176,232	

EXPENDITURES

	0	0	0	3,256,732	860,000	0	0	0	0	0	4,116,732	Future WASD Revenue Bonds
	0	59,500	59,500	0	0	0	0	0	0	0	59,500	WASD Wastewater Commercial Paper - 2015
TOTAL	0	59,500	59,500	3,256,732	860,000	0	0	0	0	0	4,176,232	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

	Prior			Projections										Bond Issue
	Budget/	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	Future	Total		
	Estimate Cost	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025				
.102045 S P.S. 2 BASIN UPGRADE - PHASE 1 LOCAL														
Commission District(s) 6,7,10,12														
Sub-Project Budget / Estimated		7,543,643												
REVENUES														
		0	0	0	1,945,803	3,471,950	1,639,000	0	0	0	0	7,056,753	Future WASH Revenue Bonds	
	310,719	0	310,719	0	0	0	0	0	0	0	0	310,719	Plant Expansion Fund - Wastewater	
	176,171	0	176,171	0	0	0	0	0	0	0	0	176,171	WASH Wastewater Commercial Paper - 2015	
TOTAL	486,890	0	486,890	1,945,803	3,471,950	1,639,000	0	0	0	0	0	7,543,643		
EXPENDITURES														
		0	0	0	1,945,803	3,471,950	1,639,000	0	0	0	0	7,056,753	Future WASH Revenue Bonds	
	310,719	0	310,719	0	0	0	0	0	0	0	0	310,719	Plant Expansion Fund - Wastewater	
	0	176,171	176,171	0	0	0	0	0	0	0	0	176,171	WASH Wastewater Commercial Paper - 2015	
TOTAL	310,719	176,171	486,890	1,945,803	3,471,950	1,639,000	0	0	0	0	0	7,543,643		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102126 S RELOCATION OF 20 PUMP STATIONS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 14,604,791													
REVENUES													
		0	0	0	1,108,712	1,311,326	1,400,000	1,500,000	2,310,000	3,000,000	3,100,000	13,730,038	Future WAST Revenue Bonds
	874,753	0	874,753	0	0	0	0	0	0	0	0	874,753	WAST Wastewater Commercial Paper - 2015
TOTAL	874,753	0	874,753	1,108,712	1,311,326	1,400,000	1,500,000	2,310,000	3,000,000	3,100,000	14,604,791		
EXPENDITURES													
		0	0	0	1,108,712	1,311,326	1,400,000	1,500,000	2,310,000	3,000,000	3,100,000	13,730,038	Future WAST Revenue Bonds
	352,297	522,456	874,753	0	0	0	0	0	0	0	0	874,753	WAST Wastewater Commercial Paper - 2015
TOTAL	352,297	522,456	874,753	1,108,712	1,311,326	1,400,000	1,500,000	2,310,000	3,000,000	3,100,000	14,604,791		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.102160 S CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 20,000,000

REVENUES

	0	0	0	750,000	1,000,000	1,100,000	3,400,980	4,050,000	5,345,906	3,778,114	19,425,000	Future WAST Revenue Bonds
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	575,000	0	575,000	0	0	0	0	0	0	0	575,000	WAST Wastewater Commercial Paper - 2015
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TOTAL	575,000	0	575,000	750,000	1,000,000	1,100,000	3,400,980	4,050,000	5,345,906	3,778,114	20,000,000	
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EXPENDITURES

	0	0	0	750,000	1,000,000	1,100,000	3,400,980	4,050,000	5,345,906	3,778,114	19,425,000	Future WAST Revenue Bonds
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	0	575,000	575,000	0	0	0	0	0	0	0	575,000	WAST Wastewater Commercial Paper - 2015
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TOTAL	0	575,000	575,000	750,000	1,000,000	1,100,000	3,400,980	4,050,000	5,345,906	3,778,114	20,000,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102161 S CONVERSION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 18,000,004

REVENUES

	0	0	0	494,625	785,088	925,601	2,750,000	3,000,000	2,500,000	7,366,934	17,822,248	Future WAST Revenue Bonds
	177,756	0	177,756	0	0	0	0	0	0	0	177,756	WAST Wastewater Commercial Paper - 2015
TOTAL	177,756	0	177,756	494,625	785,088	925,601	2,750,000	3,000,000	2,500,000	7,366,934	18,000,004	

EXPENDITURES

	0	0	0	494,625	785,088	925,601	2,750,000	3,000,000	2,500,000	7,366,934	17,822,248	Future WAST Revenue Bonds
	0	177,756	177,756	0	0	0	0	0	0	0	177,756	WAST Wastewater Commercial Paper - 2015
TOTAL	0	177,756	177,756	494,625	785,088	925,601	2,750,000	3,000,000	2,500,000	7,366,934	18,000,004	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.102163 S PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT

Commission District(s) 7

Sub-Project Budget / Estimated 13,106,279

REVENUES

	0	0	0	897,014	1,203,100	1,650,000	1,220,803	4,431,609	2,500,000	1,000,000	12,902,526	Future WAST Revenue Bonds
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	203,753	0	203,753	0	0	0	0	0	0	0	203,753	WAST Wastewater Commercial Paper - 2015
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TOTAL	203,753	0	203,753	897,014	1,203,100	1,650,000	1,220,803	4,431,609	2,500,000	1,000,000	13,106,279	
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EXPENDITURES

	0	0	0	897,014	1,203,100	1,650,000	1,220,803	4,431,609	2,500,000	1,000,000	12,902,526	Future WAST Revenue Bonds
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	0	203,753	203,753	0	0	0	0	0	0	0	203,753	WAST Wastewater Commercial Paper - 2015
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TOTAL	0	203,753	203,753	897,014	1,203,100	1,650,000	1,220,803	4,431,609	2,500,000	1,000,000	13,106,279	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102192 S OUT OF COMPLIANCE PUMP STATIONS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 114,967,240													
REVENUES													
		0	0	0	1,100,000	1,800,000	1,900,000	3,318,800	3,900,000	4,250,000	97,538,364	113,807,164	Future WAST Revenue Bonds
	1,160,076	0	1,160,076	0	0	0	0	0	0	0	0	1,160,076	WAST Wastewater Commercial Paper - 2015
TOTAL	1,160,076	0	1,160,076	1,100,000	1,800,000	1,900,000	3,318,800	3,900,000	4,250,000	97,538,364	114,967,240		
EXPENDITURES													
		0	0	0	1,100,000	1,800,000	1,900,000	3,318,800	3,900,000	4,250,000	97,538,364	113,807,164	Future WAST Revenue Bonds
	618,051	542,025	1,160,076	0	0	0	0	0	0	0	0	1,160,076	WAST Wastewater Commercial Paper - 2015
TOTAL	618,051	542,025	1,160,076	1,100,000	1,800,000	1,900,000	3,318,800	3,900,000	4,250,000	97,538,364	114,967,240		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	
.102201 S PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT												
Commission District(s)												
Sub-Project Budget / Estimated	16,000,000											
REVENUES												
	0	0	0	385,000	665,000	700,000	1,050,000	8,295,000	4,800,000	0	15,895,000	Future WASD Revenue Bonds
	105,000	0	105,000	0	0	0	0	0	0	0	105,000	WASD Wastewater Commercial Paper - 2015
TOTAL	105,000	0	105,000	385,000	665,000	700,000	1,050,000	8,295,000	4,800,000	0	16,000,000	
EXPENDITURES												
	0	0	0	385,000	665,000	700,000	1,050,000	8,295,000	4,800,000	0	15,895,000	Future WASD Revenue Bonds
	0	105,000	105,000	0	0	0	0	0	0	0	105,000	WASD Wastewater Commercial Paper - 2015
TOTAL	0	105,000	105,000	385,000	665,000	700,000	1,050,000	8,295,000	4,800,000	0	16,000,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.102202 S PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT

Commission District(s)

Sub-Project Budget / Estimated 7,000,000

REVENUES

	0	0	0	245,000	525,000	700,000	1,050,000	2,275,000	2,100,000	0	6,895,000	Future WAST Revenue Bonds
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	105,000	0	105,000	0	0	0	0	0	0	0	105,000	WAST Wastewater Commercial Paper - 2015
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TOTAL	105,000	0	105,000	245,000	525,000	700,000	1,050,000	2,275,000	2,100,000	0	7,000,000	
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EXPENDITURES

	0	0	0	245,000	525,000	700,000	1,050,000	2,275,000	2,100,000	0	6,895,000	Future WAST Revenue Bonds
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	0	105,000	105,000	0	0	0	0	0	0	0	105,000	WAST Wastewater Commercial Paper - 2015
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TOTAL	0	105,000	105,000	245,000	525,000	700,000	1,050,000	2,275,000	2,100,000	0	7,000,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	
.102213 S CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2												
Commission District(s)												
Sub-Project Budget / Estimated	25,193,698											
REVENUES												
	0	0	0	536,108	887,600	1,050,000	1,225,000	3,759,000	7,558,109	10,000,985	25,016,802	Future WAST Revenue Bonds
	176,896	0	176,896	0	0	0	0	0	0	0	176,896	WAST Wastewater Commercial Paper - 2015
TOTAL	176,896	0	176,896	536,108	887,600	1,050,000	1,225,000	3,759,000	7,558,109	10,000,985	25,193,698	
EXPENDITURES												
	0	0	0	536,108	887,600	1,050,000	1,225,000	3,759,000	7,558,109	10,000,985	25,016,802	Future WAST Revenue Bonds
	0	176,896	176,896	0	0	0	0	0	0	0	176,896	WAST Wastewater Commercial Paper - 2015
TOTAL	0	176,896	176,896	536,108	887,600	1,050,000	1,225,000	3,759,000	7,558,109	10,000,985	25,193,698	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	

.102225 S PS #1 (4ST.) REPLACE ELECTRICAL SWITCHGEAR AND MCCs

Commission District(s)

Sub-Project Budget / Estimated 1,500,000

REVENUES

	0	0	0	0	0	0	0	0	0	1,500,000	0	1,500,000	Future WASH Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	1,500,000	0	1,500,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	1,500,000	0	1,500,000	Future WASH Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	1,500,000	0	1,500,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1049. ESTABLISHED A PUMP STATION RESILIENCE PROGRAM (PSRP)

Commission District(s)

OSBM No. 2000000784

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.102226 S PS #3 RECONFIGURE ELECTRICAL SYSTEM TO ACCEPT 2000KW 4160 VOLT PORTABLE GENERATOR

Commission District(s)

Sub-Project Budget / Estimated 1,300,000

REVENUES

	0	0	0	390,000	0	0	0	0	0	0	390,000	Future WASD Revenue Bonds
	910,000	0	910,000	0	0	0	0	0	0	0	910,000	WASD Wastewater Commercial Paper - 2015
TOTAL	910,000	0	910,000	390,000	0	0	0	0	0	0	1,300,000	

EXPENDITURES

	0	0	0	390,000	0	0	0	0	0	0	390,000	Future WASD Revenue Bonds
	0	910,000	910,000	0	0	0	0	0	0	0	910,000	WASD Wastewater Commercial Paper - 2015
TOTAL	0	910,000	910,000	390,000	0	0	0	0	0	0	1,300,000	

Total Revenues:	5,989,976,997	1,287,340,830.4	208,706,900	1,496,047,730	345,483,113	478,405,074	521,000,192	588,453,472	648,921,275	595,517,262	1,316,148,879	5,989,976,997
Total Expenditures:		918,551,200	385,207,492	1,303,758,692	445,531,179	521,504,524	554,434,778	603,160,406	649,421,275	596,017,262	1,316,148,879	5,989,976,995

MULTI-YEAR CAPITAL PLAN WATER

SUMMARY EXHIBITS



**Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN**

WATER PROJECTS

Version 2.3 - SUBMITTAL

REVENUE SUMMARY (in Thousands of Dollars)

Fund Description	Prior			Projections							Total
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	
Water Renewal & Replacement Fund	160,279	41,000	201,279	47,300	34,500	35,000	35,000	35,000	40,000	40,000	468,079
Plant Expansion Fund - Water	16,109	9,229	25,338	10,867	288	0	0	0	0	0	36,494
State Revolving Loans - Water	36,389	4,400	40,789	6,560	6,958	307	0	0	0	0	54,614
Fire Hydrant Fund	6,470	3,500	9,970	2,500	2,500	2,500	2,500	2,500	2,500	2,500	27,470
General Obligation Bonds	13,899	348	14,246	1,265	776	403	261	0	6,895	0	23,846
Water Special Construction Fund	23,396	1,000	24,396	500	500	500	500	500	500	0	27,396
Future WASD Revenue Bonds	0	0	0	105,637	104,951	92,896	77,821	65,962	64,485	222,642	734,394
Miami Springs Construction Fund	3,310	5,347	8,657	4,653	0	0	0	0	0	0	13,311
W Construction - 2013 Bonds	27,158	0	27,158	0	0	0	0	0	0	0	27,158
WASD Water Commercial Paper - 2015	121,551	0	121,551	0	0	0	0	0	0	0	121,551
Total	408,562	64,823	473,385	179,283	150,474	131,606	116,082	103,962	114,380	265,142	1,534,313

Prepared by Capital Planning and Coordination Section



**Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN**

WATER PROJECTS

Version 2.3 - SUBMITTAL

EXPENDITURE SUMMARY (in Thousands of Dollars)

Fund Description	Prior			Projections								Total
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		
Water Renewal & Replacement Fund	107,320	58,491	165,812	61,930	40,337	40,000	40,000	40,000	40,000	40,000	468,079	
Plant Expansion Fund - Water	16,109	9,229	25,338	10,867	288	0	0	0	0	0	36,494	
State Revolving Loans - Water	36,389	4,400	40,789	6,560	6,958	307	0	0	0	0	54,614	
Fire Hydrant Fund	2,521	3,500	6,021	2,500	2,500	2,500	2,500	2,500	2,500	6,449	27,470	
General Obligation Bonds	13,899	348	14,246	1,265	776	403	261	0	6,895	0	23,846	
Water Special Construction Fund	8,909	5,860	14,769	2,000	2,000	2,000	2,000	2,000	2,627	0	27,396	
Future WASD Revenue Bonds	0	0	0	105,637	104,951	92,896	77,821	65,962	64,485	222,642	734,394	
Miami Springs Construction Fund	3,310	5,347	8,657	4,653	0	0	0	0	0	0	13,311	
W Construction - 2013 Bonds	27,158	0	27,158	0	0	0	0	0	0	0	27,158	
WASD Water Commercial Paper - 2015	49,367	71,684	121,051	500	0	0	0	0	0	0	121,551	
Total	264,982	158,859	423,841	195,914	157,811	138,106	122,582	110,462	116,507	269,091	1,534,313	

Prepared by Capital Planning and Coordination Section

**MULTI-YEAR CAPITAL PLAN
WATER BY PROJECTS**



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
46,492,143														
REVENUES														
	0	0	0	21,358,337	9,018,751	1,914,149	1,010,792	0	0	0	33,302,029	Future WASH Revenue Bonds		
	451,946	0	451,946	0	0	0	0	0	0	0	451,946	W Construction - 2013 Bonds		
	12,738,168	0	12,738,168	0	0	0	0	0	0	0	12,738,168	WASH Water Commercial Paper - 2015		
TOTAL	13,190,114	0	13,190,114	21,358,337	9,018,751	1,914,149	1,010,792	0	0	0	46,492,143			
EXPENDITURES														
	0	0	0	21,358,337	9,018,751	1,914,149	1,010,792	0	0	0	33,302,029	Future WASH Revenue Bonds		
	451,946	0	451,946	0	0	0	0	0	0	0	451,946	W Construction - 2013 Bonds		
	1,558,409	11,179,759	12,738,168	0	0	0	0	0	0	0	12,738,168	WASH Water Commercial Paper - 2015		
TOTAL	2,010,355	11,179,759	13,190,114	21,358,337	9,018,751	1,914,149	1,010,792	0	0	0	46,492,143			



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
128,563,304													
REVENUES													
	0	0	0	15,462,346	13,864,035	12,001,126	14,826,070	24,902,747	22,938,047		0	103,994,371	Future WASD Revenue Bonds
	289,609	0	289,609	0	0	0	0	0	0		0	289,609	W Construction - 2013 Bonds
	16,379,176	0	16,379,176	0	0	0	0	0	0		0	16,379,176	WASD Water Commercial Paper - 2015
	7,900,148	0	7,900,148	0	0	0	0	0	0		0	7,900,148	Water Renewal & Replacement Fund
TOTAL	24,568,933	0	24,568,933	15,462,346	13,864,035	12,001,126	14,826,070	24,902,747	22,938,047		0	128,563,304	
EXPENDITURES													
	0	0	0	15,462,346	13,864,035	12,001,126	14,826,070	24,902,747	22,938,047		0	103,994,371	Future WASD Revenue Bonds
	289,609	0	289,609	0	0	0	0	0	0		0	289,609	W Construction - 2013 Bonds
	2,080,631	14,298,545	16,379,176	0	0	0	0	0	0		0	16,379,176	WASD Water Commercial Paper - 2015
	7,135,231	764,917	7,900,148	0	0	0	0	0	0		0	7,900,148	Water Renewal & Replacement Fund
TOTAL	9,505,471	15,063,462	24,568,933	15,462,346	13,864,035	12,001,126	14,826,070	24,902,747	22,938,047		0	128,563,304	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1053. NORTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654031

Budget/ Estimate Cost	Prior			Projections						Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
98,063,701													
REVENUES													
	0	0	0	9,382,988	31,956,342	12,363,528	1,730,823	551,494	386,493	0	56,371,668	Future WASD Revenue Bonds	
	11,599,868	8,491,597	20,091,465	9,220,000	288,403	0	0	0	0	0	29,599,868	Plant Expansion Fund - Water	
	11,852,165	0	11,852,165	0	0	0	0	0	0	0	11,852,165	WASD Water Commercial Paper - 2015	
	0	240,000	240,000	0	0	0	0	0	0	0	240,000	Water Renewal & Replacement Fund	
TOTAL	23,452,033	8,731,597	32,183,630	18,602,988	32,244,745	12,363,528	1,730,823	551,494	386,493	0	98,063,701		
EXPENDITURES													
	0	0	0	9,382,988	31,956,342	12,363,528	1,730,823	551,494	386,493	0	56,371,668	Future WASD Revenue Bonds	
	11,599,868	8,491,597	20,091,465	9,220,000	288,403	0	0	0	0	0	29,599,868	Plant Expansion Fund - Water	
	7,032,065	4,820,099	11,852,164	0	0	0	0	0	0	0	11,852,164	WASD Water Commercial Paper - 2015	
	0	240,000	240,000	0	0	0	0	0	0	0	240,000	Water Renewal & Replacement Fund	
TOTAL	18,631,933	13,551,696	32,183,629	18,602,988	32,244,745	12,363,528	1,730,823	551,494	386,493	0	98,063,700		



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1054. CENTRAL MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654041

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
10,710,779													
REVENUES													
	0	0	0	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	10,445,143	Future WSD Revenue Bonds	
	265,636	0	265,636	0	0	0	0	0	0	0	265,636	Water Renewal & Replacement Fund	
TOTAL	265,636	0	265,636	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	10,710,779		
EXPENDITURES													
	0	0	0	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	10,445,143	Future WSD Revenue Bonds	
	265,636	0	265,636	0	0	0	0	0	0	0	265,636	Water Renewal & Replacement Fund	
TOTAL	265,636	0	265,636	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	10,710,779		



Miami-Dade Water and Sewer Department

2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1055. SOUTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650021

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
5,163,420														
REVENUES														
	0	0	0	500,000	379,328	3,735,428	148,664	0	0	0	4,763,420	Future WASD Revenue Bonds		
	400,000	0	400,000	0	0	0	0	0	0	0	400,000	WASD Water Commercial Paper - 2015		
TOTAL	400,000	0	400,000	500,000	379,328	3,735,428	148,664	0	0	0	5,163,420			
EXPENDITURES														
	0	0	0	500,000	379,328	3,735,428	148,664	0	0	0	4,763,420	Future WASD Revenue Bonds		
	0	400,000	400,000	0	0	0	0	0	0	0	400,000	WASD Water Commercial Paper - 2015		
TOTAL	0	400,000	400,000	500,000	379,328	3,735,428	148,664	0	0	0	5,163,420			



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN
WATER PROJECTS
1056. WATER MAINS EXTENSION
Commission District(s) Systemwide
OSBM No. 9651051

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
REVENUES	4,320,753												
		320,753	1,000,000	1,320,753	500,000	500,000	500,000	500,000	500,000	500,000	0	4,320,753	Water Special Construction Fund
TOTAL		320,753	1,000,000	1,320,753	500,000	500,000	500,000	500,000	500,000	500,000	0	4,320,753	
EXPENDITURES													
		320,753	1,000,000	1,320,753	500,000	500,000	500,000	500,000	500,000	500,000	0	4,320,753	Water Special Construction Fund
TOTAL		320,753	1,000,000	1,320,753	500,000	500,000	500,000	500,000	500,000	500,000	0	4,320,753	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
48,413,863														
REVENUES														
	0	0	0	0	0	0	0	0	0	0	48,019,690	48,019,690	Future WASD Revenue Bonds	
	277,317	0	277,317	0	0	0	0	0	0	0	0	277,317	W Construction - 2013 Bonds	
	116,856	0	116,856	0	0	0	0	0	0	0	0	116,856	WASD Water Commercial Paper - 2015	
TOTAL	394,173	0	394,173	0	0	0	0	0	0	0	48,019,690	48,413,863		
EXPENDITURES														
	0	0	0	0	0	0	0	0	0	0	48,019,690	48,019,690	Future WASD Revenue Bonds	
	277,317	0	277,317	0	0	0	0	0	0	0	0	277,317	W Construction - 2013 Bonds	
	116,856	0	116,856	0	0	0	0	0	0	0	0	116,856	WASD Water Commercial Paper - 2015	
TOTAL	394,173	0	394,173	0	0	0	0	0	0	0	48,019,690	48,413,863		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections						Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
158,254,679													
REVENUES													
	306,020	0	306,020	0	0	0	0	0	0	0	0	306,020	Fire Hydrant Fund
	0	0	0	16,712,750	12,470,034	12,535,279	10,796,644	5,500,000	4,500,000	0	0	62,514,707	Future WASH Revenue Bonds
	13,007,674	0	13,007,674	0	0	0	0	0	0	0	0	13,007,674	W Construction - 2013 Bonds
	20,061,076	0	20,061,076	0	0	0	0	0	0	0	0	20,061,076	WASH Water Commercial Paper - 2015
	31,629,171	2,786,792	34,415,963	3,873,676	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	47,289,639	Water Renewal & Replacement Fund
	15,075,563	0	15,075,563	0	0	0	0	0	0	0	0	15,075,563	Water Special Construction Fund
TOTAL	80,079,504	2,786,792	82,866,296	20,586,426	13,970,034	14,035,279	12,296,644	7,000,000	6,000,000	1,500,000	1,500,000	158,254,679	
EXPENDITURES													
	181,189	124,831	306,020	0	0	0	0	0	0	0	0	306,020	Fire Hydrant Fund
	0	0	0	16,712,750	12,470,034	12,535,279	10,796,644	5,500,000	4,500,000	0	0	62,514,707	Future WASH Revenue Bonds
	13,007,674	0	13,007,674	0	0	0	0	0	0	0	0	13,007,674	W Construction - 2013 Bonds
	8,884,985	11,176,092	20,061,077	0	0	0	0	0	0	0	0	20,061,077	WASH Water Commercial Paper - 2015
	25,735,274	8,680,689	34,415,963	3,873,676	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	47,289,639	Water Renewal & Replacement Fund
	8,575,563	3,500,000	12,075,563	500,000	500,000	500,000	500,000	500,000	500,000	0	0	15,075,563	Water Special Construction Fund
TOTAL	56,384,685	23,481,612	79,866,297	21,086,426	14,470,034	14,535,279	12,796,644	7,500,000	6,500,000	1,500,000	1,500,000	158,254,680	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1063. WATER SYSTEM FIRE HYDRANT INSTALLATION

Commission District(s) Systemwide

OSBM No. 9653461

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
26,700,778													
REVENUES													
	5,700,778	3,500,000	9,200,778	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	26,700,778	Fire Hydrant Fund
TOTAL	5,700,778	3,500,000	9,200,778	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	26,700,778	
EXPENDITURES													
	1,968,306	3,283,130	5,251,436	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	6,449,342	26,700,778	Fire Hydrant Fund
TOTAL	1,968,306	3,283,130	5,251,436	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	6,449,342	26,700,778	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1064. WATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650141

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
204,250,262														
REVENUES														
	0	0	0	1,500,000	2,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	102,000,000	120,000,000	Future WSD Revenue Bonds	
	27,451,124	0	27,451,124	8,799,138	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	84,250,262	Water Renewal & Replacement Fund	
TOTAL	27,451,124	0	27,451,124	10,299,138	10,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	110,000,000	204,250,262		
EXPENDITURES														
	0	0	0	1,500,000	2,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	102,000,000	120,000,000	Future WSD Revenue Bonds	
	22,000,048	5,451,076	27,451,124	8,799,138	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	84,250,262	Water Renewal & Replacement Fund	
TOTAL	22,000,048	5,451,076	27,451,124	10,299,138	10,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	110,000,000	204,250,262		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1065. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 111111

	Prior			Projections								Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
REVENUES	23,845,500													
		13,898,500	347,600	14,246,100	1,265,200	775,700	403,200	260,800	0	6,894,500	0	23,845,500	General Obligation Bonds	
TOTAL		13,898,500	347,600	14,246,100	1,265,200	775,700	403,200	260,800	0	6,894,500	0	23,845,500		
EXPENDITURES														
		13,898,500	347,600	14,246,100	1,265,200	775,700	403,200	260,800	0	6,894,500	0	23,845,500	General Obligation Bonds	
TOTAL		13,898,500	347,600	14,246,100	1,265,200	775,700	403,200	260,800	0	6,894,500	0	23,845,500		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1066. WATER TREATMENT PLANTS REPLACEMENT AND RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650161

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
52,610,438													
REVENUES													
	0	0	0	0	0	229,313	1,000,000	1,000,000	545,104	0	2,774,417	Future WASD Revenue Bonds	
	3,745,104	0	3,745,104	0	0	0	0	0	0	0	3,745,104	WASD Water Commercial Paper - 2015	
	18,874,734	8,216,183	27,090,917	10,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	46,090,917	Water Renewal & Replacement Fund	
TOTAL	22,619,838	8,216,183	30,836,021	10,000,000	1,500,000	1,729,313	2,500,000	2,500,000	2,045,104	1,500,000	52,610,438		
EXPENDITURES													
	0	0	0	0	0	229,313	1,000,000	1,000,000	545,104	0	2,774,417	Future WASD Revenue Bonds	
	0	3,745,104	3,745,104	0	0	0	0	0	0	0	3,745,104	WASD Water Commercial Paper - 2015	
	6,838,499	12,321,675	19,160,174	17,930,743	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	46,090,917	Water Renewal & Replacement Fund	
TOTAL	6,838,499	16,066,779	22,905,278	17,930,743	1,500,000	1,729,313	2,500,000	2,500,000	2,045,104	1,500,000	52,610,438		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1067. WATER SYSTEM MAINTENANCE AND UPGRADES

Commission District(s) Systemwide

OSBM No. 9650181

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
142,709,362													
REVENUES													
	15,479,999	21,439,525	36,919,524	16,485,915	14,303,923	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	142,709,362	Water Renewal & Replacement Fund
TOTAL	15,479,999	21,439,525	36,919,524	16,485,915	14,303,923	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	142,709,362	
EXPENDITURES													
	13,084,337	21,439,525	34,523,862	18,185,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	142,709,362	Water Renewal & Replacement Fund
TOTAL	13,084,337	21,439,525	34,523,862	18,185,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	142,709,362	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1070. AUTOMATION OF WATER TREATMENT PLANTS

Commission District(s) Systemwide

OSBM No. 963110

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
2,246,784														
REVENUES														
	2,246,784	0	2,246,784	0	0	0	0	0	0	0	0	2,246,784	WASD Water Commercial Paper - 2015	
TOTAL	2,246,784	0	2,246,784	0	0	0	0	0	0	0	0	2,246,784		
EXPENDITURES														
	368,944	1,377,840	1,746,784	500,000	0	0	0	0	0	0	0	2,246,784	WASD Water Commercial Paper - 2015	
TOTAL	368,944	1,377,840	1,746,784	500,000	0	0	0	0	0	0	0	2,246,784		



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WATER PROJECTS

1075. SAFE DRINKING WATER ACT MODIFICATIONS - SWT RULE AND D-DBP

Commission District(s) Systemwide

OSBM No. 9654061

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
75,874,878														
REVENUES														
	0	0	0	2,250,000	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	43,250,000	69,134,516	Future WASD Revenue Bonds		
	0	246,366	246,366	1,647,383	0	0	0	0	0	0	1,893,749	Plant Expansion Fund - Water		
	2,226,253	0	2,226,253	0	0	0	0	0	0	0	2,226,253	WASD Water Commercial Paper - 2015		
	2,620,360	0	2,620,360	0	0	0	0	0	0	0	2,620,360	Water Renewal & Replacement Fund		
TOTAL	4,846,613	246,366	5,092,979	3,897,383	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	43,250,000	75,874,878			
EXPENDITURES														
	0	0	0	2,250,000	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	43,250,000	69,134,516	Future WASD Revenue Bonds		
	0	246,366	246,366	1,647,383	0	0	0	0	0	0	1,893,749	Plant Expansion Fund - Water		
	726,253	1,500,000	2,226,253	0	0	0	0	0	0	0	2,226,253	WASD Water Commercial Paper - 2015		
	2,620,360	0	2,620,360	0	0	0	0	0	0	0	2,620,360	Water Renewal & Replacement Fund		
TOTAL	3,346,612	1,746,366	5,092,978	3,897,383	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	43,250,000	75,874,877			



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1077. SOUTH MIAMI HEIGHTS WATER TREATMENT PLANT AND WELLFIELD

Commission District(s) 9

OSBM No. 9652821

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
41,768,544													
REVENUES													
	0	0	0	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	19,023,190	Future WASH Revenue Bonds	
	6,859,313	0	6,859,313	0	0	0	0	0	0	0	6,859,313	W Construction - 2013 Bonds	
	15,886,041	0	15,886,041	0	0	0	0	0	0	0	15,886,041	WASH Water Commercial Paper - 2015	
TOTAL	22,745,354	0	22,745,354	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	41,768,544		
EXPENDITURES													
	0	0	0	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	19,023,190	Future WASH Revenue Bonds	
	6,859,313	0	6,859,313	0	0	0	0	0	0	0	6,859,313	W Construction - 2013 Bonds	
	14,587,300	1,298,741	15,886,041	0	0	0	0	0	0	0	15,886,041	WASH Water Commercial Paper - 2015	
TOTAL	21,446,613	1,298,741	22,745,354	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	41,768,544		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1078. WATER TELEMETERING SYSTEM ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9656780

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
8,412,114													
REVENUES													
	1,757,537	317,500	2,075,037	141,000	1,196,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,412,114	Water Renewal & Replacement Fund
TOTAL	1,757,537	317,500	2,075,037	141,000	1,196,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,412,114	
EXPENDITURES													
	1,616,537	317,500	1,934,037	141,000	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,412,114	Water Renewal & Replacement Fund
TOTAL	1,616,537	317,500	1,934,037	141,000	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,412,114	



Miami-Dade Water and Sewer Department

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WATER PROJECTS

1080. WATER TREATMENT PLANT - FLORIDAN REVERSE OSMOSIS

Commission District(s) 6

OSBM No. 966620

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
10,867,097														
REVENUES														
	0	0	0	1,200,000	1,000,000	800,000	0	0	0	0	0	3,000,000	Future WASD Revenue Bonds	
	4,508,895	491,105	5,000,000	0	0	0	0	0	0	0	0	5,000,000	Plant Expansion Fund - Water	
	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000	WASD Water Commercial Paper - 2015	
	1,867,097	0	1,867,097	0	0	0	0	0	0	0	0	1,867,097	Water Renewal & Replacement Fund	
TOTAL	7,375,992	491,105	7,867,097	1,200,000	1,000,000	800,000	0	0	0	0	0	10,867,097		
EXPENDITURES														
	0	0	0	1,200,000	1,000,000	800,000	0	0	0	0	0	3,000,000	Future WASD Revenue Bonds	
	4,508,895	491,105	5,000,000	0	0	0	0	0	0	0	0	5,000,000	Plant Expansion Fund - Water	
	0	1,000,000	1,000,000	0	0	0	0	0	0	0	0	1,000,000	WASD Water Commercial Paper - 2015	
	1,169,760	697,337	1,867,097	0	0	0	0	0	0	0	0	1,867,097	Water Renewal & Replacement Fund	
TOTAL	5,678,655	2,188,442	7,867,097	1,200,000	1,000,000	800,000	0	0	0	0	0	10,867,097		



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WATER PROJECTS

1081. MIAMI SPRINGS CONSTRUCTION FUND - WATER

Commission District(s) 6

OSBM No. 965450

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
	13,310,870												
REVENUES													
		3,310,425	5,346,948	8,657,373	4,653,497	0	0	0	0	0	0	13,310,870	Miami Springs Construction Fund
TOTAL		3,310,425	5,346,948	8,657,373	4,653,497	0	0	0	0	0	0	13,310,870	
EXPENDITURES													
		3,310,425	5,346,948	8,657,373	4,653,497	0	0	0	0	0	0	13,310,870	Miami Springs Construction Fund
TOTAL		3,310,425	5,346,948	8,657,373	4,653,497	0	0	0	0	0	0	13,310,870	



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WATER PROJECTS

1082. WATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 967190

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
122,302,066													
REVENUES													
	0	0	0	8,927,526	6,277,114	3,750,000	2,350,000	0	0	0	21,304,640	Future WASD Revenue Bonds	
	12,764	0	12,764	0	0	0	0	0	0	0	12,764	W Construction - 2013 Bonds	
	2,254,472	0	2,254,472	0	0	0	0	0	0	0	2,254,472	WASD Water Commercial Paper - 2015	
	26,730,190	8,000,000	34,730,190	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	90,730,190	Water Renewal & Replacement Fund	
	8,000,000	0	8,000,000	0	0	0	0	0	0	0	8,000,000	Water Special Construction Fund	
TOTAL	36,997,426	8,000,000	44,997,426	16,927,526	14,277,114	11,750,000	10,350,000	8,000,000	8,000,000	8,000,000	122,302,066		
EXPENDITURES													
	0	0	0	8,927,526	6,277,114	3,750,000	2,350,000	0	0	0	21,304,640	Future WASD Revenue Bonds	
	12,764	0	12,764	0	0	0	0	0	0	0	12,764	W Construction - 2013 Bonds	
	1,222,697	1,031,775	2,254,472	0	0	0	0	0	0	0	2,254,472	WASD Water Commercial Paper - 2015	
	26,730,190	8,000,000	34,730,190	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	90,730,190	Water Renewal & Replacement Fund	
	13,052	1,359,566	1,372,618	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,627,382	0	8,000,000	Water Special Construction Fund	
TOTAL	27,978,702	10,391,341	38,370,043	17,927,526	15,277,114	12,750,000	11,350,000	9,000,000	9,627,382	8,000,000	122,302,065		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
309,431,366													
REVENUES													
	463,597	0	463,597	0	0	0	0	0	0	0	0	463,597	Fire Hydrant Fund
	0	0	0	23,794,988	21,045,232	33,237,985	33,964,030	25,507,714	17,095,653	25,100,769	179,746,371	Future WASD Revenue Bonds	
	36,388,969	4,399,591	40,788,560	6,560,322	6,958,156	306,657	0	0	0	0	54,613,695	State Revolving Loans - Water	
	6,259,131	0	6,259,131	0	0	0	0	0	0	0	6,259,131	W Construction - 2013 Bonds	
	32,645,238	0	32,645,238	0	0	0	0	0	0	0	32,645,238	WASD Water Commercial Paper - 2015	
	25,703,334	0	25,703,334	0	0	0	0	0	5,000,000	5,000,000	35,703,334	Water Renewal & Replacement Fund	
TOTAL	101,460,269	4,399,591	105,859,860	30,355,310	28,003,388	33,544,642	33,964,030	25,507,714	22,095,653	30,100,769	309,431,366		
EXPENDITURES													
	371,558	92,039	463,597	0	0	0	0	0	0	0	463,597	Fire Hydrant Fund	
	0	0	0	23,794,988	21,045,232	33,237,985	33,964,030	25,507,714	17,095,653	25,100,769	179,746,371	Future WASD Revenue Bonds	
	36,388,969	4,399,591	40,788,560	6,560,322	6,958,156	306,657	0	0	0	0	54,613,695	State Revolving Loans - Water	
	6,259,132	0	6,259,132	0	0	0	0	0	0	0	6,259,132	W Construction - 2013 Bonds	
	12,788,813	19,856,425	32,645,238	0	0	0	0	0	0	0	32,645,238	WASD Water Commercial Paper - 2015	
	124,598	578,736	703,334	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	35,703,334	Water Renewal & Replacement Fund	
TOTAL	55,933,070	24,926,791	80,859,861	35,355,310	33,003,388	38,544,642	38,964,030	30,507,714	22,095,653	30,100,769	309,431,367		

Total Revenues:	1,534,312,701	408,561,785	64,823,207	473,384,992	179,283,173	150,473,611	131,605,817	116,081,646	103,961,955	114,379,782	265,141,725	1,534,312,701
Total Expenditures:		264,982,255	158,858,608	423,840,863	195,913,501	157,810,688	138,105,817	122,581,646	110,461,955	116,507,164	269,091,067	1,534,312,701

**MULTI-YEAR CAPITAL PLAN
WATER BY SUB-PROJECTS**



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
REVENUES	46,492,143													
		0	0	0	21,358,337	9,018,751	1,914,149	1,010,792	0	0	0	33,302,029	Future WASH Revenue Bonds	
		451,946	0	451,946	0	0	0	0	0	0	0	451,946	W Construction - 2013 Bonds	
		12,738,168	0	12,738,168	0	0	0	0	0	0	0	12,738,168	WASH Water Commercial Paper - 2015	
TOTAL		13,190,113.9	0	13,190,114	21,358,337.0	9,018,751	1,914,149	1,010,792	0	0	0	46,492,143		
EXPENDITURES														
		0	0	0	21,358,337	9,018,751	1,914,149	1,010,792	0	0	0	33,302,029	Future WASH Revenue Bonds	
		451,946	0	451,946	0	0	0	0	0	0	0	451,946	W Construction - 2013 Bonds	
		1,558,409	11,179,759	12,738,168	0	0	0	0	0	0	0	12,738,168	WASH Water Commercial Paper - 2015	
TOTAL		2,010,354.8	11,179,759	13,190,114	21,358,337.0	9,018,751	1,914,149	1,010,792	0	0	0	46,492,143		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.101711 W HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING ON REDUNDANT 72-INCH WATER MAIN													
Commission District(s) 6													
Sub-Project Budget / Estimated 14,834,138													
REVENUES													
		0	0	0	4,633,185	7,500,000	1,424,941	0	0	0	0	13,558,126	Future WASD Revenue Bonds
	142,832	0	142,832	0	0	0	0	0	0	0	0	142,832	W Construction - 2013 Bonds
	1,133,180	0	1,133,180	0	0	0	0	0	0	0	0	1,133,180	WASD Water Commercial Paper - 2015
TOTAL	1,276,012	0	1,276,012	4,633,185	7,500,000	1,424,941	0	0	0	0	0	14,834,138	
EXPENDITURES													
		0	0	0	4,633,185	7,500,000	1,424,941	0	0	0	0	13,558,126	Future WASD Revenue Bonds
	142,832	0	142,832	0	0	0	0	0	0	0	0	142,832	W Construction - 2013 Bonds
	413,058	720,122	1,133,180	0	0	0	0	0	0	0	0	1,133,180	WASD Water Commercial Paper - 2015
TOTAL	555,890	720,122	1,276,012	4,633,185	7,500,000	1,424,941	0	0	0	0	0	14,834,138	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102104 W FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP													
Commission District(s) 6													
Sub-Project Budget / Estimated	3,000,000												
REVENUES													
		0	0	0	1,177,940	0	0	0	0	0	0	1,177,940	Future WASD Revenue Bonds
	1,822,060		0	1,822,060	0	0	0	0	0	0	0	1,822,060	WASD Water Commercial Paper - 2015
TOTAL	1,822,060	0	0	1,822,060	1,177,940	0	0	0	0	0	0	3,000,000	
EXPENDITURES													
		0	0	0	1,177,940	0	0	0	0	0	0	1,177,940	Future WASD Revenue Bonds
	0	1,822,060		1,822,060	0	0	0	0	0	0	0	1,822,060	WASD Water Commercial Paper - 2015
TOTAL	0	1,822,060	0	1,822,060	1,177,940	0	0	0	0	0	0	3,000,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102106 W HYPOCHLORITE FEED/STORAGE AT PRESTON/HIALEAH WTP													
Commission District(s) 6													
Sub-Project Budget / Estimated	5,886,305												
REVENUES													
	0	0	0	3,566,810	1,518,751	0	0	0	0	0	0	5,085,561	Future WASD Revenue Bonds
	309,114	0	309,114	0	0	0	0	0	0	0	0	309,114	W Construction - 2013 Bonds
	491,630	0	491,630	0	0	0	0	0	0	0	0	491,630	WASD Water Commercial Paper - 2015
TOTAL	800,744	0	800,744	3,566,810	1,518,751	0	0	0	0	0	0	5,886,305	
EXPENDITURES													
	0	0	0	3,566,810	1,518,751	0	0	0	0	0	0	5,085,561	Future WASD Revenue Bonds
	309,114	0	309,114	0	0	0	0	0	0	0	0	309,114	W Construction - 2013 Bonds
	239,930	251,700	491,630	0	0	0	0	0	0	0	0	491,630	WASD Water Commercial Paper - 2015
TOTAL	549,044	251,700	800,744	3,566,810	1,518,751	0	0	0	0	0	0	5,886,305	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102110 W HIALEAH/PRESTON REPLACEMENT OF UNDERDRAIN FILTERS

Commission District(s) 10

Sub-Project Budget / Estimated 3,200,000

REVENUES

	0	0	0	2,839,844	0	0	0	0	0	0	2,839,844	Future WASD Revenue Bonds
	360,156	0	360,156	0	0	0	0	0	0	0	360,156	WASD Water Commercial Paper - 2015
TOTAL	360,156	0	360,156	2,839,844	0	0	0	0	0	0	3,200,000	

EXPENDITURES

	0	0	0	2,839,844	0	0	0	0	0	0	2,839,844	Future WASD Revenue Bonds
	0	360,156	360,156	0	0	0	0	0	0	0	360,156	WASD Water Commercial Paper - 2015
TOTAL	0	360,156	360,156	2,839,844	0	0	0	0	0	0	3,200,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102127 W REPLACEMENT/UPGRADE OF LIME FEED SYSTEM

Commission District(s) 6

Sub-Project Budget / Estimated 4,967,243

REVENUES

	0	0	0	1,295,556	0	0	0	0	0	0	0	1,295,556	Future WASD Revenue Bonds
	3,671,687	0	3,671,687	0	0	0	0	0	0	0	0	3,671,687	WASD Water Commercial Paper - 2015
TOTAL	3,671,687	0	3,671,687	1,295,556	0	0	0	0	0	0	0	4,967,243	

EXPENDITURES

	0	0	0	1,295,556	0	0	0	0	0	0	0	1,295,556	Future WASD Revenue Bonds
	802,764	2,868,923	3,671,687	0	0	0	0	0	0	0	0	3,671,687	WASD Water Commercial Paper - 2015
TOTAL	802,764	2,868,923	3,671,687	1,295,556	0	0	0	0	0	0	0	4,967,243	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102134 W PURCHASE OF LAKE PROPERTY ADJACENT TO NORTHWEST WELLFIELD

Commission District(s) 12

Sub-Project Budget / Estimated 7,604,457

REVENUES

	0	0	0	3,245,002	0	0	0	0	0	0	0	3,245,002	Future WASD Revenue Bonds
	4,359,455	0	4,359,455	0	0	0	0	0	0	0	0	4,359,455	WASD Water Commercial Paper - 2015
TOTAL	4,359,455	0	4,359,455	3,245,002	0	0	0	0	0	0	0	7,604,457	

EXPENDITURES

	0	0	0	3,245,002	0	0	0	0	0	0	0	3,245,002	Future WASD Revenue Bonds
	102,657	4,256,798	4,359,455	0	0	0	0	0	0	0	0	4,359,455	WASD Water Commercial Paper - 2015
TOTAL	102,657	4,256,798	4,359,455	3,245,002	0	0	0	0	0	0	0	7,604,457	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102170 W HIALEAH/PRESTON WTP FEEDER/MOTOR EAST & WEST CONTROL CENTER

Commission District(s) 6

Sub-Project Budget / Estimated 2,000,000

REVENUES

	0	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000	Future WASD Revenue Bonds
	500,000	0	500,000	0	0	0	0	0	0	0	0	500,000	WASD Water Commercial Paper - 2015
TOTAL	500,000	0	500,000	1,500,000	0	0	0	0	0	0	0	2,000,000	

EXPENDITURES

	0	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000	Future WASD Revenue Bonds
	0	500,000	500,000	0	0	0	0	0	0	0	0	500,000	WASD Water Commercial Paper - 2015
TOTAL	0	500,000	500,000	1,500,000	0	0	0	0	0	0	0	2,000,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102171 W HIALEAH/PRESTON WTP TRANSFORMER

Commission District(s) 6

Sub-Project Budget / Estimated 1,500,000

REVENUES

0	0	0	0	0	0	489,208	1,010,792	0	0	0	1,500,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	489,208	1,010,792	0	0	0	1,500,000
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EXPENDITURES

0	0	0	0	0	0	489,208	1,010,792	0	0	0	1,500,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	489,208	1,010,792	0	0	0	1,500,000
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102173 W PRESTON WTP HS PUMP ROOM SWITCHGEAR													
Commission District(s) 6													
Sub-Project Budget / Estimated	3,500,000												
REVENUES													
		0	0	0	3,100,000	0	0	0	0	0	0	3,100,000	Future WASD Revenue Bonds
	400,000		0	400,000	0	0	0	0	0	0	0	400,000	WASD Water Commercial Paper - 2015
TOTAL	400,000	0	0	400,000	3,100,000	0	0	0	0	0	0	3,500,000	
EXPENDITURES													
		0	0	0	3,100,000	0	0	0	0	0	0	3,100,000	Future WASD Revenue Bonds
	0	400,000		400,000	0	0	0	0	0	0	0	400,000	WASD Water Commercial Paper - 2015
TOTAL	0	400,000	0	400,000	3,100,000	0	0	0	0	0	0	3,500,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
128,563,304														
REVENUES														
		0	0	0	15,462,346	13,864,035	12,001,126	14,826,070	24,902,747	22,938,047	0	103,994,371	Future WASD Revenue Bonds	
	289,609		0	289,609	0	0	0	0	0	0	0	289,609	W Construction - 2013 Bonds	
	16,379,176		0	16,379,176	0	0	0	0	0	0	0	16,379,176	WASD Water Commercial Paper - 2015	
	7,900,148		0	7,900,148	0	0	0	0	0	0	0	7,900,148	Water Renewal & Replacement Fund	
TOTAL	24,568,933.2	0	0	24,568,933	15,462,346.0	13,864,035	12,001,126	14,826,070	24,902,747	22,938,047	0	128,563,304		
EXPENDITURES														
		0	0	0	15,462,346	13,864,035	12,001,126	14,826,070	24,902,747	22,938,047	0	103,994,371	Future WASD Revenue Bonds	
	289,609		0	289,609	0	0	0	0	0	0	0	289,609	W Construction - 2013 Bonds	
	2,080,631	14,298,545		16,379,176	0	0	0	0	0	0	0	16,379,176	WASD Water Commercial Paper - 2015	
	7,135,231	764,917		7,900,148	0	0	0	0	0	0	0	7,900,148	Water Renewal & Replacement Fund	
TOTAL	9,505,470.9	15,063,462	0	24,568,933	15,462,346.0	13,864,035	12,001,126	14,826,070	24,902,747	22,938,047	0	128,563,304		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025					
	.101577 W ORR WTP - 48" FINISHED WATER LINE (AREA M)													
Commission District(s) 7														
Sub-Project Budget / Estimated 64,218,739														
REVENUES														
	0	0	0	0	2,521,160	2,790,046	10,818,804	24,902,747	22,938,047		0	63,970,804	Future WSD Revenue Bonds	
	247,935	0	247,935	0	0	0	0	0	0		0	247,935	WSD Water Commercial Paper - 2015	
TOTAL	247,935	0	247,935	0	2,521,160	2,790,046	10,818,804	24,902,747	22,938,047		0	64,218,739		
EXPENDITURES														
	0	0	0	0	2,521,160	2,790,046	10,818,804	24,902,747	22,938,047		0	63,970,804	Future WSD Revenue Bonds	
	247,935	0	247,935	0	0	0	0	0	0		0	247,935	WSD Water Commercial Paper - 2015	
TOTAL	247,935	0	247,935	0	2,521,160	2,790,046	10,818,804	24,902,747	22,938,047		0	64,218,739		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.101579 W ORR WTP - PUMPING UNIT No. 6 HIGH SERVICE PUMP - EAST PUMP ROOM													
Commission District(s) 7													
Sub-Project Budget / Estimated 11,088,933													
REVENUES													
		0	0	0	4,052,703	2,458,976	2,458,976	0	0	0	0	8,970,655	Future WASD Revenue Bonds
	775,632		0	775,632	0	0	0	0	0	0	0	775,632	WASD Water Commercial Paper - 2015
	1,342,646		0	1,342,646	0	0	0	0	0	0	0	1,342,646	Water Renewal & Replacement Fund
TOTAL	2,118,278		0	2,118,278	4,052,703	2,458,976	2,458,976	0	0	0	0	11,088,933	
EXPENDITURES													
		0	0	0	4,052,703	2,458,976	2,458,976	0	0	0	0	8,970,655	Future WASD Revenue Bonds
	9,011	766,621		775,632	0	0	0	0	0	0	0	775,632	WASD Water Commercial Paper - 2015
	592,646	750,000		1,342,646	0	0	0	0	0	0	0	1,342,646	Water Renewal & Replacement Fund
TOTAL	601,657	1,516,621		2,118,278	4,052,703	2,458,976	2,458,976	0	0	0	0	11,088,933	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
.101694 W ORR WTP - SWITCHGEAR BUILDING AND DUCT BANK W830 PHASE 1 AND PHASE 2													
Commission District(s) 7													
Sub-Project Budget / Estimated	14,107,579												
REVENUES													
	0	0	0	655,003	653,119	0	0	0	0	0	0	1,308,122	Future WASD Revenue Bonds
	6,241,955	0	6,241,955	0	0	0	0	0	0	0	0	6,241,955	WASD Water Commercial Paper - 2015
	6,557,502	0	6,557,502	0	0	0	0	0	0	0	0	6,557,502	Water Renewal & Replacement Fund
TOTAL	12,799,457	0	12,799,457	655,003	653,119	0	0	0	0	0	0	14,107,579	
EXPENDITURES													
	0	0	0	655,003	653,119	0	0	0	0	0	0	1,308,122	Future WASD Revenue Bonds
	550,077	5,691,878	6,241,955	0	0	0	0	0	0	0	0	6,241,955	WASD Water Commercial Paper - 2015
	6,542,585	14,917	6,557,502	0	0	0	0	0	0	0	0	6,557,502	Water Renewal & Replacement Fund
TOTAL	7,092,662	5,706,795	12,799,457	655,003	653,119	0	0	0	0	0	0	14,107,579	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.101882 W 4 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP													
Commission District(s) 7													
Sub-Project Budget / Estimated		3,893,745											
REVENUES													
		0	0	0	236,208	73,975	74,047	3,007,266	0	0	0	3,391,496	Future WASD Revenue Bonds
	24,812	0	24,812	0	0	0	0	0	0	0	0	24,812	W Construction - 2013 Bonds
	477,437	0	477,437	0	0	0	0	0	0	0	0	477,437	WASD Water Commercial Paper - 2015
TOTAL	502,249	0	502,249	236,208	73,975	74,047	3,007,266	0	0	0	3,893,745		
EXPENDITURES													
		0	0	0	236,208	73,975	74,047	3,007,266	0	0	0	3,391,496	Future WASD Revenue Bonds
	24,812	0	24,812	0	0	0	0	0	0	0	0	24,812	W Construction - 2013 Bonds
	208,906	268,531	477,437	0	0	0	0	0	0	0	0	477,437	WASD Water Commercial Paper - 2015
TOTAL	233,719	268,531	502,250	236,208	73,975	74,047	3,007,266	0	0	0	3,893,746		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections									
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.101883 W ALEXANDER ORR, JR. LIME PLANT REHABILITATION

Commission District(s) 7

Sub-Project Budget / Estimated **846,054**

REVENUES

	0	0	0	322,809	0	0	0	0	0	0	322,809	Future WASD Revenue Bonds
	106,224	0	106,224	0	0	0	0	0	0	0	106,224	W Construction - 2013 Bonds
	417,021	0	417,021	0	0	0	0	0	0	0	417,021	WASD Water Commercial Paper - 2015
TOTAL	523,245	0	523,245	322,809	0	0	0	0	0	0	846,054	

EXPENDITURES

	0	0	0	322,809	0	0	0	0	0	0	322,809	Future WASD Revenue Bonds
	106,224	0	106,224	0	0	0	0	0	0	0	106,224	W Construction - 2013 Bonds
	94,212	322,809	417,021	0	0	0	0	0	0	0	417,021	WASD Water Commercial Paper - 2015
TOTAL	200,436	322,809	523,245	322,809	0	0	0	0	0	0	846,054	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.101945 W HIGH SERVICE PUMP AND MOTOR IMPROVEMENTS WEST ROOM - VFD													
Commission District(s) 7													
Sub-Project Budget / Estimated 7,000,000													
REVENUES													
		0	0	0	200,000	1,450,000	3,550,000	1,000,000	0	0	0	6,200,000	Future WASD Revenue Bonds
	800,000	0	800,000	0	0	0	0	0	0	0	0	800,000	WASD Water Commercial Paper - 2015
TOTAL	800,000	0	800,000	200,000	1,450,000	3,550,000	1,000,000	0	0	0	0	7,000,000	
EXPENDITURES													
		0	0	0	200,000	1,450,000	3,550,000	1,000,000	0	0	0	6,200,000	Future WASD Revenue Bonds
	0	800,000	800,000	0	0	0	0	0	0	0	0	800,000	WASD Water Commercial Paper - 2015
TOTAL	0	800,000	800,000	200,000	1,450,000	3,550,000	1,000,000	0	0	0	0	7,000,000	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.101946 W HYDROTREATOR DRIVES ASSEMBLES AND MOTORS													
Commission District(s) 7													
Sub-Project Budget / Estimated	1,500,000												
REVENUES													
	0	0	0	38,696	0	0	0	0	0	0	0	38,696	Future WASD Revenue Bonds
	1,461,304	0	1,461,304	0	0	0	0	0	0	0	0	1,461,304	WASD Water Commercial Paper - 2015
TOTAL	1,461,304	0	1,461,304	38,696	0	0	0	0	0	0	0	1,500,000	
EXPENDITURES													
	0	0	0	38,696	0	0	0	0	0	0	0	38,696	Future WASD Revenue Bonds
	584,413	876,891	1,461,304	0	0	0	0	0	0	0	0	1,461,304	WASD Water Commercial Paper - 2015
TOTAL	584,413	876,891	1,461,304	38,696	0	0	0	0	0	0	0	1,500,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
	.102107 W HYPOCHLORITE FEED/STORAGE AT ORR WTP												
Commission District(s) 10													
Sub-Project Budget / Estimated 5,949,800													
REVENUES													
	0	0	0	3,322,145	0	0	0	0	0	0	0	3,322,145	Future WASD Revenue Bonds
	127,368	0	127,368	0	0	0	0	0	0	0	0	127,368	W Construction - 2013 Bonds
	2,500,287	0	2,500,287	0	0	0	0	0	0	0	0	2,500,287	WASD Water Commercial Paper - 2015
TOTAL	2,627,655	0	2,627,655	3,322,145	0	0	0	0	0	0	0	5,949,800	
EXPENDITURES													
	0	0	0	3,322,145	0	0	0	0	0	0	0	3,322,145	Future WASD Revenue Bonds
	127,368	0	127,368	0	0	0	0	0	0	0	0	127,368	W Construction - 2013 Bonds
	287	2,500,000	2,500,287	0	0	0	0	0	0	0	0	2,500,287	WASD Water Commercial Paper - 2015
TOTAL	127,655	2,500,000	2,627,655	3,322,145	0	0	0	0	0	0	0	5,949,800	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

		Prior			Projections								
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue	

.102167 W A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS

Commission District(s) 7

Sub-Project Budget / Estimated **8,400,000**

REVENUES

	0	0	0	3,789,437	2,253,813	0	0	0	0	0	6,043,250	Future WASD Revenue Bonds
	2,356,750	0	2,356,750	0	0	0	0	0	0	0	2,356,750	WASD Water Commercial Paper - 2015
TOTAL	2,356,750	0	2,356,750	3,789,437	2,253,813	0	0	0	0	0	8,400,000	

EXPENDITURES

	0	0	0	3,789,437	2,253,813	0	0	0	0	0	6,043,250	Future WASD Revenue Bonds
	330,132	2,026,618	2,356,750	0	0	0	0	0	0	0	2,356,750	WASD Water Commercial Paper - 2015
TOTAL	330,132	2,026,618	2,356,750	3,789,437	2,253,813	0	0	0	0	0	8,400,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102169 W A. ORR WTP PUMP ROOM FOR SOFTENER CLUSTERS 1-8 AND 11-14

Commission District(s) 7

Sub-Project Budget / Estimated **700,000**

REVENUES

	0	0	0	356,085	0	0	0	0	0	0	0	356,085	Future WASD Revenue Bonds
	343,915	0	343,915	0	0	0	0	0	0	0	0	343,915	WASD Water Commercial Paper - 2015
TOTAL	343,915	0	343,915	356,085	0	0	0	0	0	0	0	700,000	

EXPENDITURES

	0	0	0	356,085	0	0	0	0	0	0	0	356,085	Future WASD Revenue Bonds
	0	343,915	343,915	0	0	0	0	0	0	0	0	343,915	WASD Water Commercial Paper - 2015
TOTAL	0	343,915	343,915	356,085	0	0	0	0	0	0	0	700,000	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
.102175 W ALEXANDER ORR WATER TESTING LABORATORY														
Commission District(s) 7														
Sub-Project Budget / Estimated 10,858,454														
REVENUES														
		0	0	0	2,489,260	4,452,992	3,128,057	0	0	0	0	10,070,309	Future WASD Revenue Bonds	
	31,205	0	31,205	0	0	0	0	0	0	0	0	31,205	W Construction - 2013 Bonds	
	756,940	0	756,940	0	0	0	0	0	0	0	0	756,940	WASD Water Commercial Paper - 2015	
TOTAL	788,145	0	788,145	2,489,260	4,452,992	3,128,057	0	0	0	0	0	10,858,454		
EXPENDITURES														
		0	0	0	2,489,260	4,452,992	3,128,057	0	0	0	0	10,070,309	Future WASD Revenue Bonds	
	31,205	0	31,205	0	0	0	0	0	0	0	0	31,205	W Construction - 2013 Bonds	
	55,658	701,282	756,940	0	0	0	0	0	0	0	0	756,940	WASD Water Commercial Paper - 2015	
TOTAL	86,863	701,282	788,145	2,489,260	4,452,992	3,128,057	0	0	0	0	0	10,858,454		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1053. NORTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654031

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
	98,063,701													
REVENUES														
		0	0	0	9,382,988	31,956,342	12,363,528	1,730,823	551,494	386,493	0	56,371,668	Future WASD Revenue Bonds	
		11,599,868	8,491,597	20,091,465	9,220,000	288,403	0	0	0	0	0	29,599,868	Plant Expansion Fund - Water	
		11,852,165	0	11,852,165	0	0	0	0	0	0	0	11,852,165	WASD Water Commercial Paper - 2015	
		0	240,000	240,000	0	0	0	0	0	0	0	240,000	Water Renewal & Replacement Fund	
TOTAL		23,452,033.0	8,731,597	32,183,630	18,602,988.0	32,244,745	12,363,528	1,730,823	551,494	386,493	0	98,063,701		
EXPENDITURES														
		0	0	0	9,382,988	31,956,342	12,363,528	1,730,823	551,494	386,493	0	56,371,668	Future WASD Revenue Bonds	
		11,599,868	8,491,597	20,091,465	9,220,000	288,403	0	0	0	0	0	29,599,868	Plant Expansion Fund - Water	
		7,032,065	4,820,099	11,852,164	0	0	0	0	0	0	0	11,852,164	WASD Water Commercial Paper - 2015	
		0	240,000	240,000	0	0	0	0	0	0	0	240,000	Water Renewal & Replacement Fund	
TOTAL		18,631,933.3	13,551,696	32,183,629	18,602,988.0	32,244,745	12,363,528	1,730,823	551,494	386,493	0	98,063,700		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1053. NORTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654031

Prior				Projections										Bond
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Issue		

.101540 W WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A

Commission District(s) 5

Sub-Project Budget / Estimated 14,803,364

REVENUES

	0	0	0	2,719,668	2,000,000	0	0	0	0	0	4,719,668	Future WASD Revenue Bonds
	10,083,696	0	10,083,696	0	0	0	0	0	0	0	10,083,696	WASD Water Commercial Paper - 2015
TOTAL	10,083,696	0	10,083,696	2,719,668	2,000,000	0	0	0	0	0	14,803,364	

EXPENDITURES

	0	0	0	2,719,668	2,000,000	0	0	0	0	0	4,719,668	Future WASD Revenue Bonds
	6,670,647	3,413,049	10,083,696	0	0	0	0	0	0	0	10,083,696	WASD Water Commercial Paper - 2015
TOTAL	6,670,647	3,413,049	10,083,696	2,719,668	2,000,000	0	0	0	0	0	14,803,364	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1053. NORTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654031

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102116 W 20-INCH WATER MAIN - BISCAYNE BLVD - AREA L													
Commission District(s) 4													
Sub-Project Budget / Estimated 1,006,056													
REVENUES													
		0	0	0	0	0	0	8,138	551,494	386,493	0	946,125	Future WASD Revenue Bonds
	59,931	0	59,931	0	0	0	0	0	0	0	0	59,931	WASD Water Commercial Paper - 2015
TOTAL	59,931	0	59,931	0	0	0	8,138	551,494	386,493	0	0	1,006,056	
EXPENDITURES													
		0	0	0	0	0	0	8,138	551,494	386,493	0	946,125	Future WASD Revenue Bonds
	59,931	0	59,931	0	0	0	0	0	0	0	0	59,931	WASD Water Commercial Paper - 2015
TOTAL	59,931	0	59,931	0	0	0	8,138	551,494	386,493	0	0	1,006,056	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1053. NORTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654031

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102197 W PORT OF MIAMI WATER SUPPLY LINE

Commission District(s) 5

Sub-Project Budget / Estimated 36,811,660

REVENUES

	0	0	0	0	7,211,792	0	0	0	0	0	0	7,211,792	Future WASD Revenue Bonds
	11,599,868	8,491,597	20,091,465	9,220,000	288,403	0	0	0	0	0	0	29,599,868	Plant Expansion Fund - Water
TOTAL	11,599,868	8,491,597	20,091,465	9,220,000	7,500,195	0	0	0	0	0	0	36,811,660	

EXPENDITURES

	0	0	0	0	7,211,792	0	0	0	0	0	0	7,211,792	Future WASD Revenue Bonds
	11,599,868	8,491,597	20,091,465	9,220,000	288,403	0	0	0	0	0	0	29,599,868	Plant Expansion Fund - Water
TOTAL	11,599,868	8,491,597	20,091,465	9,220,000	7,500,195	0	0	0	0	0	0	36,811,660	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1053. NORTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654031

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102227 W INSTALL OF 54-INCH WM ALONG RED ROAD (W 4TH AVE), FROM W 21ST ST TO W 53RD ST													
Commission District(s) 6,13													
Sub-Project Budget / Estimated 42,599,093													
REVENUES													
		0	0	0	5,663,320	21,744,550	12,000,000	1,722,685	0	0	0	41,130,555	Future WASD Revenue Bonds
	1,468,538		0	1,468,538	0	0	0	0	0	0	0	1,468,538	WASD Water Commercial Paper - 2015
TOTAL	1,468,538	0	0	1,468,538	5,663,320	21,744,550	12,000,000	1,722,685	0	0	0	42,599,093	
EXPENDITURES													
		0	0	0	5,663,320	21,744,550	12,000,000	1,722,685	0	0	0	41,130,555	Future WASD Revenue Bonds
	301,488	1,167,050		1,468,538	0	0	0	0	0	0	0	1,468,538	WASD Water Commercial Paper - 2015
TOTAL	301,488	1,167,050	0	1,468,538	5,663,320	21,744,550	12,000,000	1,722,685	0	0	0	42,599,093	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1053. NORTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654031

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.103004 W REPLACEMENT OF 6,000 LF OF CORRODED 8", 12", 16" WM ALONG NE 36 CT / TURNBERRY WAY FROM WILLIAM LEHMAN													
Commission District(s) 4													
Sub-Project Budget / Estimated 2,843,528													
REVENUES													
		0	0	0	1,000,000	1,000,000	363,528	0	0	0	0	2,363,528	Future WASD Revenue Bonds
	240,000		0	240,000	0	0	0	0	0	0	0	240,000	WASD Water Commercial Paper - 2015
		0	240,000	240,000	0	0	0	0	0	0	0	240,000	Water Renewal & Replacement Fund
TOTAL	240,000	240,000	480,000	480,000	1,000,000	1,000,000	363,528	0	0	0	0	2,843,528	
EXPENDITURES													
		0	0	0	1,000,000	1,000,000	363,528	0	0	0	0	2,363,528	Future WASD Revenue Bonds
		0	240,000	240,000	0	0	0	0	0	0	0	240,000	WASD Water Commercial Paper - 2015
		0	240,000	240,000	0	0	0	0	0	0	0	240,000	Water Renewal & Replacement Fund
TOTAL	0	480,000	480,000	480,000	1,000,000	1,000,000	363,528	0	0	0	0	2,843,528	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1054. CENTRAL MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654041

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
	10,710,779													
REVENUES														
		0	0	0	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	10,445,143	Future WASH Revenue Bonds	
		265,636	0	265,636	0	0	0	0	0	0	0	265,636	Water Renewal & Replacement Fund	
TOTAL		265,636.0	0	265,636	0.0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	10,710,779		
EXPENDITURES														
		0	0	0	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	10,445,143	Future WASH Revenue Bonds	
		265,636	0	265,636	0	0	0	0	0	0	0	265,636	Water Renewal & Replacement Fund	
TOTAL		265,636.1	0	265,636	0.0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	10,710,779		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1054. CENTRAL MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654041

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.101441 W 54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)													
Commission District(s) 2													
Sub-Project Budget / Estimated	10,710,779												
REVENUES													
		0	0	0	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	10,445,143	Future WASD Revenue Bonds
	265,636		0	265,636	0	0	0	0	0	0	0	265,636	Water Renewal & Replacement Fund
TOTAL	265,636	0	0	265,636	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	10,710,779	
EXPENDITURES													
		0	0	0	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	10,445,143	Future WASD Revenue Bonds
	265,636		0	265,636	0	0	0	0	0	0	0	265,636	Water Renewal & Replacement Fund
TOTAL	265,636	0	0	265,636	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	10,710,779	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1055. SOUTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650021

	Prior			Projections									Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	
	5,163,420												
REVENUES													
		0	0	0	500,000	379,328	3,735,428	148,664	0	0	0	4,763,420	Future WASD Revenue Bonds
		400,000	0	400,000	0	0	0	0	0	0	0	400,000	WASD Water Commercial Paper - 2015
TOTAL		400,000.0	0	400,000	500,000.0	379,328	3,735,428	148,664	0	0	0	5,163,420	
EXPENDITURES													
		0	0	0	500,000	379,328	3,735,428	148,664	0	0	0	4,763,420	Future WASD Revenue Bonds
		0	400,000	400,000	0	0	0	0	0	0	0	400,000	WASD Water Commercial Paper - 2015
TOTAL		0.0	400,000	400,000	500,000.0	379,328	3,735,428	148,664	0	0	0	5,163,420	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1055. SOUTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650021

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102016 W VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)													
Commission District(s) 9													
Sub-Project Budget / Estimated 5,163,420													
REVENUES													
		0	0	0	500,000	379,328	3,735,428	148,664	0	0	0	4,763,420	Future WASD Revenue Bonds
	400,000	0	400,000	0	0	0	0	0	0	0	0	400,000	WASD Water Commercial Paper - 2015
TOTAL	400,000	0	400,000	500,000	379,328	3,735,428	148,664	0	0	0	0	5,163,420	
EXPENDITURES													
		0	0	0	500,000	379,328	3,735,428	148,664	0	0	0	4,763,420	Future WASD Revenue Bonds
	0	400,000	400,000	0	0	0	0	0	0	0	0	400,000	WASD Water Commercial Paper - 2015
TOTAL	0	400,000	400,000	500,000	379,328	3,735,428	148,664	0	0	0	0	5,163,420	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1056. WATER MAINS EXTENSION

Commission District(s) Systemwide

OSBM No. 9651051

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
REVENUES	4,320,753												
		320,753	1,000,000	1,320,753	500,000	500,000	500,000	500,000	500,000	500,000	0	4,320,753	Water Special Construction Fund
TOTAL		320,753.0	1,000,000	1,320,753	500,000.0	500,000	500,000	500,000	500,000	500,000	0	4,320,753	
EXPENDITURES													
		320,753	1,000,000	1,320,753	500,000	500,000	500,000	500,000	500,000	500,000	0	4,320,753	Water Special Construction Fund
TOTAL		320,753.0	1,000,000	1,320,753	500,000.0	500,000	500,000	500,000	500,000	500,000	0	4,320,753	

.101474 W SPECIAL CONSTRUCTION - WATER IMPROVEMENTS - LOCKER ROOMS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **4,320,753**

REVENUES													
		320,753	1,000,000	1,320,753	500,000	500,000	500,000	500,000	500,000	500,000	0	4,320,753	Water Special Construction Fund
TOTAL		320,753	1,000,000	1,320,753	500,000	500,000	500,000	500,000	500,000	500,000	0	4,320,753	
EXPENDITURES													
		320,753	1,000,000	1,320,753	500,000	500,000	500,000	500,000	500,000	500,000	0	4,320,753	Water Special Construction Fund
TOTAL		320,753	1,000,000	1,320,753	500,000	500,000	500,000	500,000	500,000	500,000	0	4,320,753	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
48,413,863														
REVENUES														
		0	0	0	0	0	0	0	0	0	0	48,019,690	48,019,690	Future WASH Revenue Bonds
		277,317	0	277,317	0	0	0	0	0	0	0	0	277,317	W Construction - 2013 Bonds
		116,856	0	116,856	0	0	0	0	0	0	0	0	116,856	WASH Water Commercial Paper - 2015
TOTAL		394,173.0	0	394,173	0.0	0	0	0	0	0	0	48,019,690	48,413,863	
EXPENDITURES														
		0	0	0	0	0	0	0	0	0	0	48,019,690	48,019,690	Future WASH Revenue Bonds
		277,317	0	277,317	0	0	0	0	0	0	0	0	277,317	W Construction - 2013 Bonds
		116,856	0	116,856	0	0	0	0	0	0	0	0	116,856	WASH Water Commercial Paper - 2015
TOTAL		394,173.2	0	394,173	0.0	0	0	0	0	0	0	48,019,690	48,413,863	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

Prior				Projections										Bond Issue
Budget/ Estimate	Prior to Cost	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.101084 W MIAMI SERVICE FACILITY - (PHASE 1)

Commission District(s) 3

Sub-Project Budget / Estimated 1,064,685

REVENUES

0	0	0	0	0	0	0	0	0	0	0	1,064,685	1,064,685	Future WASHD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	1,064,685	1,064,685	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	1,064,685	1,064,685	Future WASHD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	1,064,685	1,064,685	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

	Prior			Projections										Bond Issue
	Budget/	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	Future	Total		
	Estimate Cost	2018 - 2019	2018 - 2019	Prior	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025				
.101505 W SOUTH MAINTENANCE CENTER														
Commission District(s) 9														
Sub-Project Budget / Estimated	23,721,660													
REVENUES														
		0	0	0	0	0	0	0	0	0	0	23,327,487	23,327,487	Future WASD Revenue Bonds
		277,317	0	277,317	0	0	0	0	0	0	0	0	277,317	W Construction - 2013 Bonds
		116,856	0	116,856	0	0	0	0	0	0	0	0	116,856	WASD Water Commercial Paper - 2015
TOTAL		394,173	0	394,173	0	0	0	0	0	0	0	23,327,487	23,721,660	
EXPENDITURES														
		0	0	0	0	0	0	0	0	0	0	23,327,487	23,327,487	Future WASD Revenue Bonds
		277,317	0	277,317	0	0	0	0	0	0	0	0	277,317	W Construction - 2013 Bonds
		116,856	0	116,856	0	0	0	0	0	0	0	0	116,856	WASD Water Commercial Paper - 2015
TOTAL		394,173	0	394,173	0	0	0	0	0	0	0	23,327,487	23,721,660	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025			
.101507 W NORTH MAINTENANCE CENTER													
Commission District(s) 1													
Sub-Project Budget / Estimated 10,116,520													
REVENUES													
		0	0	0	0	0	0	0	0	0	10,116,520	10,116,520	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	10,116,520	10,116,520	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	10,116,520	10,116,520	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	10,116,520	10,116,520	
.101547 W MIAMI SERVICE FACILITY (PHASE 2)													
Commission District(s) 3													
Sub-Project Budget / Estimated 12,210,998													
REVENUES													
		0	0	0	0	0	0	0	0	0	12,210,998	12,210,998	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	12,210,998	12,210,998	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	12,210,998	12,210,998	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	12,210,998	12,210,998	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.101888 W MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING

Commission District(s) 1

Sub-Project Budget / Estimated 1,300,000

REVENUES

0	0	0	0	0	0	0	0	0	0	0	1,300,000	1,300,000	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	1,300,000	1,300,000	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	1,300,000	1,300,000	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	1,300,000	1,300,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
158,254,679														
REVENUES														
		306,020	0	306,020	0	0	0	0	0	0	0	0	306,020	Fire Hydrant Fund
		0	0	0	16,712,750	12,470,034	12,535,279	10,796,644	5,500,000	4,500,000	0	62,514,707	Future WASHD Revenue Bonds	
		13,007,674	0	13,007,674	0	0	0	0	0	0	0	13,007,674	W Construction - 2013 Bonds	
		20,061,076	0	20,061,076	0	0	0	0	0	0	0	20,061,076	WASHD Water Commercial Paper - 2015	
		31,629,171	2,786,792	34,415,963	3,873,676	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	47,289,639	Water Renewal & Replacement Fund	
		15,075,563	0	15,075,563	0	0	0	0	0	0	0	15,075,563	Water Special Construction Fund	
TOTAL		80,079,504.0	2,786,792	82,866,296	20,586,426.0	13,970,034	14,035,279	12,296,644	7,000,000	6,000,000	1,500,000	158,254,679		
EXPENDITURES														
		181,189	124,831	306,020	0	0	0	0	0	0	0	0	306,020	Fire Hydrant Fund
		0	0	0	16,712,750	12,470,034	12,535,279	10,796,644	5,500,000	4,500,000	0	62,514,707	Future WASHD Revenue Bonds	
		13,007,674	0	13,007,674	0	0	0	0	0	0	0	13,007,674	W Construction - 2013 Bonds	
		8,884,985	11,176,092	20,061,077	0	0	0	0	0	0	0	20,061,077	WASHD Water Commercial Paper - 2015	
		25,735,274	8,680,689	34,415,963	3,873,676	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	47,289,639	Water Renewal & Replacement Fund	
		8,575,563	3,500,000	12,075,563	500,000	500,000	500,000	500,000	500,000	500,000	0	15,075,563	Water Special Construction Fund	
TOTAL		56,384,685.2	23,481,612	79,866,297	21,086,426.0	14,470,034	14,535,279	12,796,644	7,500,000	6,500,000	1,500,000	158,254,680		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.100786 W WATER DISTRIBUTION SYSTEM EXTENSION													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 14,350,386													
REVENUES													
	133,648	0	133,648	0	0	0	0	0	0	0	0	133,648	Fire Hydrant Fund
	0	0	0	400,000	300,000	0	0	0	0	0	0	700,000	Future WASD Revenue Bonds
	362,898	0	362,898	0	0	0	0	0	0	0	0	362,898	WASD Water Commercial Paper - 2015
	9,135,689	1,286,792	10,422,481	2,731,359	0	0	0	0	0	0	0	13,153,840	Water Renewal & Replacement Fund
TOTAL	9,632,235	1,286,792	10,919,027	3,131,359	300,000	0	0	0	0	0	0	14,350,386	
EXPENDITURES													
	8,817	124,831	133,648	0	0	0	0	0	0	0	0	133,648	Fire Hydrant Fund
	0	0	0	400,000	300,000	0	0	0	0	0	0	700,000	Future WASD Revenue Bonds
	62,898	300,000	362,898	0	0	0	0	0	0	0	0	362,898	WASD Water Commercial Paper - 2015
	3,241,792	7,180,689	10,422,481	2,731,359	0	0	0	0	0	0	0	13,153,840	Water Renewal & Replacement Fund
TOTAL	3,313,507	7,605,520	10,919,027	3,131,359	300,000	0	0	0	0	0	0	14,350,386	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
.101734 W WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA's													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	85,294,907												
REVENUES													
	172,372	0	172,372	0	0	0	0	0	0	0	0	172,372	Fire Hydrant Fund
	0	0	0	5,892,986	1,159,944	4,035,279	4,296,644	0	0	0	0	15,384,853	Future WASD Revenue Bonds
	13,007,674	0	13,007,674	0	0	0	0	0	0	0	0	13,007,674	W Construction - 2013 Bonds
	7,518,646	0	7,518,646	0	0	0	0	0	0	0	0	7,518,646	WASD Water Commercial Paper - 2015
	22,493,482	1,500,000	23,993,482	1,142,317	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	34,135,799	Water Renewal & Replacement Fund
	15,075,563	0	15,075,563	0	0	0	0	0	0	0	0	15,075,563	Water Special Construction Fund
TOTAL	58,267,737	1,500,000	59,767,737	7,035,303	2,659,944	5,535,279	5,796,644	1,500,000	1,500,000	1,500,000	1,500,000	85,294,907	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
EXPENDITURES													
		172,372	0	172,372	0	0	0	0	0	0	0	172,372	Fire Hydrant Fund
		0	0	0	5,892,986	1,159,944	4,035,279	4,296,644	0	0	0	15,384,853	Future WASD Revenue Bonds
		13,007,674	0	13,007,674	0	0	0	0	0	0	0	13,007,674	W Construction - 2013 Bonds
		2,518,646	5,000,000	7,518,646	0	0	0	0	0	0	0	7,518,646	WASD Water Commercial Paper - 2015
		22,493,482	1,500,000	23,993,482	1,142,317	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	34,135,799	Water Renewal & Replacement Fund
		8,575,563	3,500,000	12,075,563	500,000	500,000	500,000	500,000	500,000	500,000	0	15,075,563	Water Special Construction Fund
TOTAL		46,767,738	10,000,000	56,767,738	7,535,303	3,159,944	6,035,279	6,296,644	2,000,000	2,000,000	1,500,000	85,294,908	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102111 W 12/16 INCH WATER MAINS IN S. MIAMI-DADE AREA E													
Commission District(s) 8													
Sub-Project Budget / Estimated	4,862,026												
REVENUES													
		0	0	0	2,532,488	2,000,000	0	0	0	0	0	4,532,488	Future WASD Revenue Bonds
	329,538		0	329,538	0	0	0	0	0	0	0	329,538	WASD Water Commercial Paper - 2015
TOTAL	329,538	0	0	329,538	2,532,488	2,000,000	0	0	0	0	0	4,862,026	
EXPENDITURES													
		0	0	0	2,532,488	2,000,000	0	0	0	0	0	4,532,488	Future WASD Revenue Bonds
	0	329,538		329,538	0	0	0	0	0	0	0	329,538	WASD Water Commercial Paper - 2015
TOTAL	0	329,538	0	329,538	2,532,488	2,000,000	0	0	0	0	0	4,862,026	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102140 W FURNISH AND INSTALL 48-INCH WATER MAIN IN SW 117 AVE, SW 72 ST, SW 127 AVE FROM SW 68 ST. TO SW 152 ST. (AREA N)													
Commission District(s) 7,8,9,10,11													
Sub-Project Budget / Estimated 47,269,505													
REVENUES													
		0	0	0	5,209,421	7,010,090	8,500,000	6,500,000	5,500,000	4,500,000	0	37,219,511	Future WASD Revenue Bonds
	10,049,994	0	10,049,994	0	0	0	0	0	0	0	0	10,049,994	WASD Water Commercial Paper - 2015
TOTAL	10,049,994	0	10,049,994	5,209,421	7,010,090	8,500,000	6,500,000	5,500,000	4,500,000	0	47,269,505		
EXPENDITURES													
		0	0	0	5,209,421	7,010,090	8,500,000	6,500,000	5,500,000	4,500,000	0	37,219,511	Future WASD Revenue Bonds
	6,303,440	3,746,554	10,049,994	0	0	0	0	0	0	0	0	10,049,994	WASD Water Commercial Paper - 2015
TOTAL	6,303,440	3,746,554	10,049,994	5,209,421	7,010,090	8,500,000	6,500,000	5,500,000	4,500,000	0	47,269,505		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

	Prior			Projections								Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		
.102196 W LONG TERM PARKING FOR WATER DISTRIBUTION EMPLOYEES													
Commission District(s) 3													
Sub-Project Budget / Estimated	6,477,855												
REVENUES													
	0	0	0	2,677,855	2,000,000	0	0	0	0	0	0	4,677,855	Future WASD Revenue Bonds
	1,800,000	0	1,800,000	0	0	0	0	0	0	0	0	1,800,000	WASD Water Commercial Paper - 2015
TOTAL	1,800,000	0	1,800,000	2,677,855	2,000,000	0	0	0	0	0	0	6,477,855	
EXPENDITURES													
	0	0	0	2,677,855	2,000,000	0	0	0	0	0	0	4,677,855	Future WASD Revenue Bonds
	0	1,800,000	1,800,000	0	0	0	0	0	0	0	0	1,800,000	WASD Water Commercial Paper - 2015
TOTAL	0	1,800,000	1,800,000	2,677,855	2,000,000	0	0	0	0	0	0	6,477,855	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1063. WATER SYSTEM FIRE HYDRANT INSTALLATION

Commission District(s) Systemwide

OSBM No. 9653461

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
26,700,778													
REVENUES													
		5,700,778	3,500,000	9,200,778	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	26,700,778	Fire Hydrant Fund
TOTAL		5,700,778.0	3,500,000	9,200,778	2,500,000.0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	26,700,778	
EXPENDITURES													
		1,968,306	3,283,130	5,251,436	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	6,449,342	26,700,778	Fire Hydrant Fund
TOTAL		1,968,306.0	3,283,130	5,251,436	2,500,000.0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	6,449,342	26,700,778	

.100789 W FIRE HYDRANT INSTALLATION AND RELATED SYSTEM BETTERMENTS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **26,700,778**

REVENUES													
		5,700,778	3,500,000	9,200,778	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	26,700,778	Fire Hydrant Fund
TOTAL		5,700,778	3,500,000	9,200,778	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	26,700,778	
EXPENDITURES													
		1,968,306	3,283,130	5,251,436	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	6,449,342	26,700,778	Fire Hydrant Fund
TOTAL		1,968,306	3,283,130	5,251,436	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	6,449,342	26,700,778	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1064. WATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650141

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
	204,250,262													
REVENUES														
		0	0	0	1,500,000	2,500,000	3,500,000	3,500,000	3,500,000	3,500,000	102,000,000	120,000,000	Future WASD Revenue Bonds	
		27,451,124	0	27,451,124	8,799,138	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	84,250,262	Water Renewal & Replacement Fund	
TOTAL	27,451,124.0	0	0	27,451,124	10,299,138.0	10,500,000	11,500,000	11,500,000	11,500,000	11,500,000	110,000,000	204,250,262		
EXPENDITURES														
		0	0	0	1,500,000	2,500,000	3,500,000	3,500,000	3,500,000	3,500,000	102,000,000	120,000,000	Future WASD Revenue Bonds	
		22,000,048	5,451,076	27,451,124	8,799,138	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	84,250,262	Water Renewal & Replacement Fund	
TOTAL	22,000,047.9	5,451,076	5,451,076	27,451,124	10,299,138.0	10,500,000	11,500,000	11,500,000	11,500,000	11,500,000	110,000,000	204,250,262		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1064. WATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650141

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.100790 W MISCELLANEOUS TOOLS AND EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 20,938,457													
REVENUES													
		6,664,835	0	6,664,835	2,273,622	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	20,938,457	Water Renewal & Replacement Fund
TOTAL		6,664,835	0	6,664,835	2,273,622	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	20,938,457	
EXPENDITURES													
		6,276,965	387,870	6,664,835	2,273,622	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	20,938,457	Water Renewal & Replacement Fund
TOTAL		6,276,965	387,870	6,664,835	2,273,622	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	20,938,457	
.101724 W HEAVY CONSTRUCTION EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 36,125,636													
REVENUES													
		10,794,598	0	10,794,598	4,331,038	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	36,125,636	Water Renewal & Replacement Fund
TOTAL		10,794,598	0	10,794,598	4,331,038	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	36,125,636	
EXPENDITURES													
		8,959,374	1,835,224	10,794,598	4,331,038	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	36,125,636	Water Renewal & Replacement Fund
TOTAL		8,959,374	1,835,224	10,794,598	4,331,038	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	36,125,636	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1064. WATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650141

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	Bond Issue

.101725 W VEHICLES/TRANSPORTATION EQUIPMENT

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 26,897,355

REVENUES

	9,702,877	0	9,702,877	2,194,478	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	26,897,355	Water Renewal & Replacement Fund
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TOTAL

	9,702,877	0	9,702,877	2,194,478	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	26,897,355	
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EXPENDITURES

	6,474,895	3,227,982	9,702,877	2,194,478	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	26,897,355	Water Renewal & Replacement Fund
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TOTAL

	6,474,895	3,227,982	9,702,877	2,194,478	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	26,897,355	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1064. WATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650141

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102027 W AUTOMATED METER READING (AMR)													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 120,288,814													
REVENUES													
		0	0	0	1,500,000	2,500,000	3,500,000	3,500,000	3,500,000	3,500,000	102,000,000	120,000,000	Future WASD Revenue Bonds
	288,814	0	288,814	0	0	0	0	0	0	0	0	288,814	Water Renewal & Replacement Fund
TOTAL	288,814	0	288,814	1,500,000	2,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	102,000,000	120,288,814	
EXPENDITURES													
		0	0	0	1,500,000	2,500,000	3,500,000	3,500,000	3,500,000	3,500,000	102,000,000	120,000,000	Future WASD Revenue Bonds
	288,814	0	288,814	0	0	0	0	0	0	0	0	288,814	Water Renewal & Replacement Fund
TOTAL	288,814	0	288,814	1,500,000	2,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	102,000,000	120,288,814	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1065. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 111111

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
	23,845,500												
REVENUES													
		13,898,500	347,600	14,246,100	1,265,200	775,700	403,200	260,800	0	6,894,500	0	23,845,500	General Obligation Bonds
TOTAL		13,898,500.0	347,600	14,246,100	1,265,200.0	775,700	403,200	260,800	0	6,894,500	0	23,845,500	
EXPENDITURES													
		13,898,500	347,600	14,246,100	1,265,200	775,700	403,200	260,800	0	6,894,500	0	23,845,500	General Obligation Bonds
TOTAL		13,898,500.0	347,600	14,246,100	1,265,200.0	775,700	403,200	260,800	0	6,894,500	0	23,845,500	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1065. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 111111

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.101601 W WATER DISTRIBUTION SYSTEM ENHANCEMENTS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 12,785,500													
REVENUES													
		5,546,500	50,000	5,596,500	150,000	144,500	0	0	0	6,894,500	0	12,785,500	General Obligation Bonds
TOTAL		5,546,500	50,000	5,596,500	150,000	144,500	0	0	0	6,894,500	0	12,785,500	
EXPENDITURES													
		5,546,500	50,000	5,596,500	150,000	144,500	0	0	0	6,894,500	0	12,785,500	General Obligation Bonds
TOTAL		5,546,500	50,000	5,596,500	150,000	144,500	0	0	0	6,894,500	0	12,785,500	
.101602 W WATER DISTRIBUTION SYSTEM NEEDS ASSESSMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 11,060,000													
REVENUES													
		8,352,000	297,600	8,649,600	1,115,200	631,200	403,200	260,800	0	0	0	11,060,000	General Obligation Bonds
TOTAL		8,352,000	297,600	8,649,600	1,115,200	631,200	403,200	260,800	0	0	0	11,060,000	
EXPENDITURES													
		8,352,000	297,600	8,649,600	1,115,200	631,200	403,200	260,800	0	0	0	11,060,000	General Obligation Bonds
TOTAL		8,352,000	297,600	8,649,600	1,115,200	631,200	403,200	260,800	0	0	0	11,060,000	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1066. WATER TREATMENT PLANTS REPLACEMENT AND RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650161

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
52,610,438														
REVENUES														
		0	0	0	0	0	229,313	1,000,000	1,000,000	545,104	0	2,774,417	Future WASH Revenue Bonds	
	3,745,104		0	3,745,104	0	0	0	0	0	0	0	3,745,104	WASH Water Commercial Paper - 2015	
	18,874,734	8,216,183	8,216,183	27,090,917	10,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	46,090,917	Water Renewal & Replacement Fund	
TOTAL	22,619,838.0	8,216,183	8,216,183	30,836,021	10,000,000.0	1,500,000	1,729,313	2,500,000	2,500,000	2,045,104	1,500,000	52,610,438		
EXPENDITURES														
		0	0	0	0	0	229,313	1,000,000	1,000,000	545,104	0	2,774,417	Future WASH Revenue Bonds	
	0	3,745,104	3,745,104	3,745,104	0	0	0	0	0	0	0	3,745,104	WASH Water Commercial Paper - 2015	
	6,838,499	12,321,675	12,321,675	19,160,174	17,930,743	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	46,090,917	Water Renewal & Replacement Fund	
TOTAL	6,838,499.0	16,066,779	16,066,779	22,905,278	17,930,743.0	1,500,000	1,729,313	2,500,000	2,500,000	2,045,104	1,500,000	52,610,438		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1066. WATER TREATMENT PLANTS REPLACEMENT AND RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650161

Prior				Projections									Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		

.100792 W WATER PLANTS REHABILITATION

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **41,380,189**

REVENUES

	15,479,506	6,900,683	22,380,189	10,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	41,380,189	Water Renewal & Replacement Fund
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TOTAL	15,479,506	6,900,683	22,380,189	10,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	41,380,189	
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EXPENDITURES

	3,443,271	11,006,175	14,449,446	17,930,743	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	41,380,189	Water Renewal & Replacement Fund
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TOTAL	3,443,271	11,006,175	14,449,446	17,930,743	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	41,380,189	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1066. WATER TREATMENT PLANTS REPLACEMENT AND RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650161

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
.101714 W SECURITY PROJECTS														
Commission District(s) COUNTYWIDE														
Sub-Project Budget / Estimated		11,230,249												
REVENUES														
	0	0	0	0	0	229,313	1,000,000	1,000,000	545,104	0	2,774,417	Future WASD Revenue Bonds		
	3,745,104	0	3,745,104	0	0	0	0	0	0	0	3,745,104	WASD Water Commercial Paper - 2015		
	3,395,228	1,315,500	4,710,728	0	0	0	0	0	0	0	4,710,728	Water Renewal & Replacement Fund		
TOTAL	7,140,332	1,315,500	8,455,832	0	0	229,313	1,000,000	1,000,000	545,104	0	11,230,249			
EXPENDITURES														
	0	0	0	0	0	229,313	1,000,000	1,000,000	545,104	0	2,774,417	Future WASD Revenue Bonds		
	0	3,745,104	3,745,104	0	0	0	0	0	0	0	3,745,104	WASD Water Commercial Paper - 2015		
	3,395,228	1,315,500	4,710,728	0	0	0	0	0	0	0	4,710,728	Water Renewal & Replacement Fund		
TOTAL	3,395,228	5,060,604	8,455,832	0	0	229,313	1,000,000	1,000,000	545,104	0	11,230,249			



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1067. WATER SYSTEM MAINTENANCE AND UPGRADES

Commission District(s) Systemwide

OSBM No. 9650181

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
REVENUES	142,709,362												
		15,479,999	21,439,525	36,919,524	16,485,915	14,303,923	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	142,709,362	Water Renewal & Replacement Fund
TOTAL		15,479,999.0	21,439,525	36,919,524	16,485,915.0	14,303,923	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	142,709,362	
EXPENDITURES													
		13,084,337	21,439,525	34,523,862	18,185,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	142,709,362	Water Renewal & Replacement Fund
TOTAL		13,084,337.0	21,439,525	34,523,862	18,185,500.0	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	142,709,362	

.100793 W WATER SYSTEM UPGRADES

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 142,709,362

REVENUES													
		15,479,999	21,439,525	36,919,524	16,485,915	14,303,923	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	142,709,362	Water Renewal & Replacement Fund
TOTAL		15,479,999	21,439,525	36,919,524	16,485,915	14,303,923	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	142,709,362	
EXPENDITURES													
		13,084,337	21,439,525	34,523,862	18,185,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	142,709,362	Water Renewal & Replacement Fund
TOTAL		13,084,337	21,439,525	34,523,862	18,185,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	142,709,362	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1070. AUTOMATION OF WATER TREATMENT PLANTS

Commission District(s) Systemwide

OSBM No. 963110

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
REVENUES	2,246,784												
		2,246,784	0	2,246,784	0	0	0	0	0	0	0	2,246,784	WASD Water Commercial Paper - 2015
TOTAL		2,246,784.0	0	2,246,784	0.0	0	0	0	0	0	0	2,246,784	
EXPENDITURES													
		368,944	1,377,840	1,746,784	500,000	0	0	0	0	0	0	2,246,784	WASD Water Commercial Paper - 2015
TOTAL		368,944.3	1,377,840	1,746,784	500,000.0	0	0	0	0	0	0	2,246,784	

.101470 W WATER TREATMENT PLANTS AND WELLFIELDS - SCADA SYSTEM

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **2,246,784**

REVENUES													
		2,246,784	0	2,246,784	0	0	0	0	0	0	0	2,246,784	WASD Water Commercial Paper - 2015
TOTAL		2,246,784	0	2,246,784	0	0	0	0	0	0	0	2,246,784	
EXPENDITURES													
		368,944	1,377,840	1,746,784	500,000	0	0	0	0	0	0	2,246,784	WASD Water Commercial Paper - 2015
TOTAL		368,944	1,377,840	1,746,784	500,000	0	0	0	0	0	0	2,246,784	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1075. SAFE DRINKING WATER ACT MODIFICATIONS - SWT RULE AND D-DBP

Commission District(s) Systemwide

OSBM No. 9654061

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future			
	75,874,878													
REVENUES														
		0	0	0	2,250,000	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	43,250,000	69,134,516	Future WASD Revenue Bonds	
		0	246,366	246,366	1,647,383	0	0	0	0	0	0	1,893,749	Plant Expansion Fund - Water	
		2,226,253	0	2,226,253	0	0	0	0	0	0	0	2,226,253	WASD Water Commercial Paper - 2015	
		2,620,360	0	2,620,360	0	0	0	0	0	0	0	2,620,360	Water Renewal & Replacement Fund	
TOTAL		4,846,613.0	246,366	5,092,979	3,897,383.0	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	43,250,000	75,874,878		
EXPENDITURES														
		0	0	0	2,250,000	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	43,250,000	69,134,516	Future WASD Revenue Bonds	
		0	246,366	246,366	1,647,383	0	0	0	0	0	0	1,893,749	Plant Expansion Fund - Water	
		726,253	1,500,000	2,226,253	0	0	0	0	0	0	0	2,226,253	WASD Water Commercial Paper - 2015	
		2,620,360	0	2,620,360	0	0	0	0	0	0	0	2,620,360	Water Renewal & Replacement Fund	
TOTAL		3,346,612.4	1,746,366	5,092,978	3,897,383.0	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	43,250,000	75,874,877		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1075. SAFE DRINKING WATER ACT MODIFICATIONS - SWT RULE AND D-DBP

Commission District(s) Systemwide

OSBM No. 9654061

Prior				Projections										Bond Issue
Budget/ Estimate	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.101891 W NEW NWWF HIGH SERVICE PUMP STATION

Commission District(s) 6,7

Sub-Project Budget / Estimated 43,250,000

REVENUES													
	0	0	0	0	0	0	0	0	0	0	43,250,000	43,250,000	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	0	43,250,000	43,250,000	
EXPENDITURES													
	0	0	0	0	0	0	0	0	0	0	43,250,000	43,250,000	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	0	43,250,000	43,250,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1075. SAFE DRINKING WATER ACT MODIFICATIONS - SWT RULE AND D-DBP

Commission District(s) Systemwide

OSBM No. 9654061

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
.102135 W MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3													
Commission District(s) 6													
Sub-Project Budget / Estimated	31,874,878												
REVENUES													
	0	0	0	2,000,000	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	0	25,634,516	Future WASD Revenue Bonds	
	0	246,366	246,366	1,647,383	0	0	0	0	0	0	1,893,749	Plant Expansion Fund - Water	
	1,726,253	0	1,726,253	0	0	0	0	0	0	0	1,726,253	WASD Water Commercial Paper - 2015	
	2,620,360	0	2,620,360	0	0	0	0	0	0	0	2,620,360	Water Renewal & Replacement Fund	
TOTAL	4,346,613	246,366	4,592,979	3,647,383	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	0	31,874,878		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1075. SAFE DRINKING WATER ACT MODIFICATIONS - SWT RULE AND D-DBP

Commission District(s) Systemwide

OSBM No. 9654061

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	
	0	0	0	2,000,000	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	0	25,634,516	Future WASH Revenue Bonds
	0	246,366	246,366	1,647,383	0	0	0	0	0	0	1,893,749	Plant Expansion Fund - Water
	726,253	1,000,000	1,726,253	0	0	0	0	0	0	0	1,726,253	WASH Water Commercial Paper - 2015
	2,620,360	0	2,620,360	0	0	0	0	0	0	0	2,620,360	Water Renewal & Replacement Fund
TOTAL	3,346,612	1,246,366	4,592,978	3,647,383	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	0	31,874,877	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1075. SAFE DRINKING WATER ACT MODIFICATIONS - SWT RULE AND D-DBP

Commission District(s) Systemwide

OSBM No. 9654061

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102176 W MONITORING WELL INSTALLATION													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	750,000												
REVENUES													
	0	0	0	250,000	0	0	0	0	0	0	0	250,000	Future WASD Revenue Bonds
	500,000	0	500,000	0	0	0	0	0	0	0	0	500,000	WASD Water Commercial Paper - 2015
TOTAL	500,000	0	500,000	250,000	0	0	0	0	0	0	0	750,000	
EXPENDITURES													
	0	0	0	250,000	0	0	0	0	0	0	0	250,000	Future WASD Revenue Bonds
	0	500,000	500,000	0	0	0	0	0	0	0	0	500,000	WASD Water Commercial Paper - 2015
TOTAL	0	500,000	500,000	250,000	0	0	0	0	0	0	0	750,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1077. SOUTH MIAMI HEIGHTS WATER TREATMENT PLANT AND WELLFIELD

Commission District(s) 9

OSBM No. 9652821

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
	41,768,544													
REVENUES														
		0	0	0	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	19,023,190	Future WASH Revenue Bonds	
		6,859,313	0	6,859,313	0	0	0	0	0	0	0	6,859,313	W Construction - 2013 Bonds	
		15,886,041	0	15,886,041	0	0	0	0	0	0	0	15,886,041	WASH Water Commercial Paper - 2015	
TOTAL		22,745,354.0	0	22,745,354	4,548,107.0	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	41,768,544		
EXPENDITURES														
		0	0	0	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	19,023,190	Future WASH Revenue Bonds	
		6,859,313	0	6,859,313	0	0	0	0	0	0	0	6,859,313	W Construction - 2013 Bonds	
		14,587,300	1,298,741	15,886,041	0	0	0	0	0	0	0	15,886,041	WASH Water Commercial Paper - 2015	
TOTAL		21,446,612.7	1,298,741	22,745,354	4,548,107.0	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	41,768,544		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1077. SOUTH MIAMI HEIGHTS WATER TREATMENT PLANT AND WELLFIELD

Commission District(s) 9

OSBM No. 9652821

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
.102021 W SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN														
Commission District(s) 9														
Sub-Project Budget / Estimated		41,768,544												
REVENUES														
		0	0	0	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	19,023,190	Future WASD Revenue Bonds	
	6,859,313	0	6,859,313	0	0	0	0	0	0	0	0	6,859,313	W Construction - 2013 Bonds	
	15,886,041	0	15,886,041	0	0	0	0	0	0	0	0	15,886,041	WASD Water Commercial Paper - 2015	
TOTAL	22,745,354	0	22,745,354	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	41,768,544			
EXPENDITURES														
		0	0	0	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	19,023,190	Future WASD Revenue Bonds	
	6,859,313	0	6,859,313	0	0	0	0	0	0	0	0	6,859,313	W Construction - 2013 Bonds	
	14,587,300	1,298,741	15,886,041	0	0	0	0	0	0	0	0	15,886,041	WASD Water Commercial Paper - 2015	
TOTAL	21,446,613	1,298,741	22,745,354	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	10,300,000	0	41,768,544			



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1078. WATER TELEMETERING SYSTEM ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9656780

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future			
REVENUES	8,412,114													
		1,757,537	317,500	2,075,037	141,000	1,196,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,412,114	Water Renewal & Replacement Fund	
TOTAL		1,757,537.0	317,500	2,075,037	141,000.0	1,196,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,412,114		
EXPENDITURES														
		1,616,537	317,500	1,934,037	141,000	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,412,114	Water Renewal & Replacement Fund	
TOTAL		1,616,537.0	317,500	1,934,037	141,000.0	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,412,114		

.101368 W TELEMETERING SYSTEM - WATER

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **8,412,114**

REVENUES														
		1,757,537	317,500	2,075,037	141,000	1,196,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,412,114	Water Renewal & Replacement Fund	
TOTAL		1,757,537	317,500	2,075,037	141,000	1,196,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,412,114		
EXPENDITURES														
		1,616,537	317,500	1,934,037	141,000	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,412,114	Water Renewal & Replacement Fund	
TOTAL		1,616,537	317,500	1,934,037	141,000	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	8,412,114		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1080. WATER TREATMENT PLANT - FLORIDAN REVERSE OSMOSIS

Commission District(s) 6

OSBM No. 966620

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
	10,867,097												
REVENUES													
		0	0	0	1,200,000	1,000,000	800,000	0	0	0	0	3,000,000	Future WASH Revenue Bonds
	4,508,895	491,105	491,105	5,000,000	0	0	0	0	0	0	0	5,000,000	Plant Expansion Fund - Water
	1,000,000	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000	WASH Water Commercial Paper - 2015
	1,867,097	0	0	1,867,097	0	0	0	0	0	0	0	1,867,097	Water Renewal & Replacement Fund
TOTAL	7,375,992.0	491,105	491,105	7,867,097	1,200,000.0	1,000,000	800,000	0	0	0	0	10,867,097	
EXPENDITURES													
		0	0	0	1,200,000	1,000,000	800,000	0	0	0	0	3,000,000	Future WASH Revenue Bonds
	4,508,895	491,105	491,105	5,000,000	0	0	0	0	0	0	0	5,000,000	Plant Expansion Fund - Water
	0	1,000,000	1,000,000	1,000,000	0	0	0	0	0	0	0	1,000,000	WASH Water Commercial Paper - 2015
	1,169,760	697,337	697,337	1,867,097	0	0	0	0	0	0	0	1,867,097	Water Renewal & Replacement Fund
TOTAL	5,678,655.2	2,188,442	2,188,442	7,867,097	1,200,000.0	1,000,000	800,000	0	0	0	0	10,867,097	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1080. WATER TREATMENT PLANT - FLORIDAN REVERSE OSMOSIS

Commission District(s) 6

OSBM No. 966620

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.101879 W INSTALLATION OF 36 INCH DI WATER MAIN IN NW 87TH AVE. FROM NW 170 ST. TO 102 AVE.

Commission District(s) 6

Sub-Project Budget / Estimated 6,867,097

REVENUES

	4,508,895	491,105	5,000,000	0	0	0	0	0	0	0	0	5,000,000	Plant Expansion Fund - Water
	1,867,097	0	1,867,097	0	0	0	0	0	0	0	0	1,867,097	Water Renewal & Replacement Fund
TOTAL	6,375,992	491,105	6,867,097	0	0	0	0	0	0	0	0	6,867,097	

EXPENDITURES

	4,508,895	491,105	5,000,000	0	0	0	0	0	0	0	0	5,000,000	Plant Expansion Fund - Water
	1,169,760	697,337	1,867,097	0	0	0	0	0	0	0	0	1,867,097	Water Renewal & Replacement Fund
TOTAL	5,678,655	1,188,442	6,867,097	0	0	0	0	0	0	0	0	6,867,097	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1080. WATER TREATMENT PLANT - FLORIDAN REVERSE OSMOSIS

Commission District(s) 6

OSBM No. 966620

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102182 W CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP													
Commission District(s) 6													
Sub-Project Budget / Estimated	4,000,000												
REVENUES													
	0	0	0	1,200,000	1,000,000	800,000	0	0	0	0	0	3,000,000	Future WASD Revenue Bonds
	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000	WASD Water Commercial Paper - 2015
TOTAL	1,000,000	0	1,000,000	1,200,000	1,000,000	800,000	0	0	0	0	0	4,000,000	
EXPENDITURES													
	0	0	0	1,200,000	1,000,000	800,000	0	0	0	0	0	3,000,000	Future WASD Revenue Bonds
	0	1,000,000	1,000,000	0	0	0	0	0	0	0	0	1,000,000	WASD Water Commercial Paper - 2015
TOTAL	0	1,000,000	1,000,000	1,200,000	1,000,000	800,000	0	0	0	0	0	4,000,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1081. MIAMI SPRINGS CONSTRUCTION FUND - WATER

Commission District(s) 6

OSBM No. 965450

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future			
REVENUES	13,310,870													
		3,310,425	5,346,948	8,657,373	4,653,497	0	0	0	0	0	0	0	13,310,870	Miami Springs Construction Fund
TOTAL		3,310,425.0	5,346,948	8,657,373	4,653,497.0	0	0	0	0	0	0	0	13,310,870	
EXPENDITURES														
		3,310,425	5,346,948	8,657,373	4,653,497	0	0	0	0	0	0	0	13,310,870	Miami Springs Construction Fund
TOTAL		3,310,425.0	5,346,948	8,657,373	4,653,497.0	0	0	0	0	0	0	0	13,310,870	

.101966 W INSTALLATION OF 12-INCH DIWM ON EAST DRIVE FROM NW 36 ST. TO LABARON DR.

Commission District(s) 6

Sub-Project Budget / Estimated 13,310,870

REVENUES														
		3,310,425	5,346,948	8,657,373	4,653,497	0	0	0	0	0	0	0	13,310,870	Miami Springs Construction Fund
TOTAL		3,310,425	5,346,948	8,657,373	4,653,497	0	0	0	0	0	0	0	13,310,870	
EXPENDITURES														
		3,310,425	5,346,948	8,657,373	4,653,497	0	0	0	0	0	0	0	13,310,870	Miami Springs Construction Fund
TOTAL		3,310,425	5,346,948	8,657,373	4,653,497	0	0	0	0	0	0	0	13,310,870	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1082. WATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 967190

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
122,302,066														
REVENUES														
		0	0	0	8,927,526	6,277,114	3,750,000	2,350,000	0	0	0	21,304,640	Future WASD Revenue Bonds	
	12,764		0	12,764	0	0	0	0	0	0	0	12,764	W Construction - 2013 Bonds	
	2,254,472		0	2,254,472	0	0	0	0	0	0	0	2,254,472	WASD Water Commercial Paper - 2015	
	26,730,190	8,000,000		34,730,190	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	90,730,190	Water Renewal & Replacement Fund	
	8,000,000		0	8,000,000	0	0	0	0	0	0	0	8,000,000	Water Special Construction Fund	
TOTAL	36,997,426.0	8,000,000	8,000,000	44,997,426	16,927,526.0	14,277,114	11,750,000	10,350,000	8,000,000	8,000,000	8,000,000	122,302,066		
EXPENDITURES														
		0	0	0	8,927,526	6,277,114	3,750,000	2,350,000	0	0	0	21,304,640	Future WASD Revenue Bonds	
	12,764		0	12,764	0	0	0	0	0	0	0	12,764	W Construction - 2013 Bonds	
	1,222,697	1,031,775		2,254,472	0	0	0	0	0	0	0	2,254,472	WASD Water Commercial Paper - 2015	
	26,730,190	8,000,000		34,730,190	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	90,730,190	Water Renewal & Replacement Fund	
	13,052	1,359,566		1,372,618	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,627,382	0	8,000,000	Water Special Construction Fund	
TOTAL	27,978,702.5	10,391,341	8,000,000	38,370,043	17,927,526.0	15,277,114	12,750,000	11,350,000	9,000,000	9,627,382	8,000,000	122,302,065		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1082. WATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 967190

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total	

.101969 W WATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **98,730,190**

REVENUES

	26,730,190	8,000,000	34,730,190	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	90,730,190	Water Renewal & Replacement Fund
	8,000,000	0	8,000,000	0	0	0	0	0	0	0	0	8,000,000	Water Special Construction Fund
TOTAL	34,730,190	8,000,000	42,730,190	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	98,730,190	

EXPENDITURES

	26,730,190	8,000,000	34,730,190	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	90,730,190	Water Renewal & Replacement Fund
	13,052	1,359,566	1,372,618	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,627,382	0	0	8,000,000	Water Special Construction Fund
TOTAL	26,743,242	9,359,566	36,102,808	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,627,382	8,000,000	8,000,000	98,730,190	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1082. WATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 967190

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
	.102178 W 36-INCH WATER MAIN NW 106 STREET													
Commission District(s) 12														
Sub-Project Budget / Estimated 8,085,622														
REVENUES														
		0	0	0	5,437,560	1,768,893	0	0	0	0	0	7,206,453	Future WASD Revenue Bonds	
	8,735	0	8,735	0	0	0	0	0	0	0	0	8,735	W Construction - 2013 Bonds	
	870,434	0	870,434	0	0	0	0	0	0	0	0	870,434	WASD Water Commercial Paper - 2015	
TOTAL	879,169	0	879,169	5,437,560	1,768,893	0	0	0	0	0	0	8,085,622		
EXPENDITURES														
		0	0	0	5,437,560	1,768,893	0	0	0	0	0	7,206,453	Future WASD Revenue Bonds	
	8,735	0	8,735	0	0	0	0	0	0	0	0	8,735	W Construction - 2013 Bonds	
	451,039	419,395	870,434	0	0	0	0	0	0	0	0	870,434	WASD Water Commercial Paper - 2015	
TOTAL	459,774	419,395	879,169	5,437,560	1,768,893	0	0	0	0	0	0	8,085,622		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1082. WATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 967190

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	
.102179 W 36-INCH WATER MAIN NW 135 STREET												
Commission District(s) 2												
Sub-Project Budget / Estimated 15,486,254												
REVENUES												
	0	0	0	3,489,966	4,508,221	3,750,000	2,350,000	0	0	0	14,098,187	Future WASD Revenue Bonds
	4,029	0	4,029	0	0	0	0	0	0	0	4,029	W Construction - 2013 Bonds
	1,384,038	0	1,384,038	0	0	0	0	0	0	0	1,384,038	WASD Water Commercial Paper - 2015
TOTAL	1,388,067	0	1,388,067	3,489,966	4,508,221	3,750,000	2,350,000	0	0	0	15,486,254	
EXPENDITURES												
	0	0	0	3,489,966	4,508,221	3,750,000	2,350,000	0	0	0	14,098,187	Future WASD Revenue Bonds
	4,029	0	4,029	0	0	0	0	0	0	0	4,029	W Construction - 2013 Bonds
	771,658	612,380	1,384,038	0	0	0	0	0	0	0	1,384,038	WASD Water Commercial Paper - 2015
TOTAL	775,687	612,380	1,388,067	3,489,966	4,508,221	3,750,000	2,350,000	0	0	0	15,486,254	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 200000072

	Prior			Projections								Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
	309,431,366													
REVENUES														
		463,597	0	463,597	0	0	0	0	0	0	0	0	463,597	Fire Hydrant Fund
		0	0	0	23,794,988	21,045,232	33,237,985	33,964,030	25,507,714	17,095,653	25,100,769	179,746,371	Future WASH Revenue Bonds	
		36,388,969	4,399,591	40,788,560	6,560,322	6,958,156	306,657	0	0	0	0	54,613,695	State Revolving Loans - Water	
		6,259,131	0	6,259,131	0	0	0	0	0	0	0	6,259,131	W Construction - 2013 Bonds	
		32,645,238	0	32,645,238	0	0	0	0	0	0	0	32,645,238	WASH Water Commercial Paper - 2015	
		25,703,334	0	25,703,334	0	0	0	0	5,000,000		5,000,000	35,703,334	Water Renewal & Replacement Fund	
TOTAL		101,460,269.0	4,399,591	105,859,860	30,355,310.0	28,003,388	33,544,642	33,964,030	25,507,714	22,095,653	30,100,769	309,431,366		
EXPENDITURES														
		371,558	92,039	463,597	0	0	0	0	0	0	0	463,597	Fire Hydrant Fund	
		0	0	0	23,794,988	21,045,232	33,237,985	33,964,030	25,507,714	17,095,653	25,100,769	179,746,371	Future WASH Revenue Bonds	
		36,388,969	4,399,591	40,788,560	6,560,322	6,958,156	306,657	0	0	0	0	54,613,695	State Revolving Loans - Water	
		6,259,132	0	6,259,132	0	0	0	0	0	0	0	6,259,132	W Construction - 2013 Bonds	
		12,788,813	19,856,425	32,645,238	0	0	0	0	0	0	0	32,645,238	WASH Water Commercial Paper - 2015	
		124,598	578,736	703,334	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	35,703,334	Water Renewal & Replacement Fund	
TOTAL		55,933,069.7	24,926,791	80,859,861	35,355,310.0	33,003,388	38,544,642	38,964,030	30,507,714	22,095,653	30,100,769	309,431,367		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
.101678 W SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		51,415,387											
REVENUES													
	123,088	0	123,088	0	0	0	0	0	0	0	0	123,088	Fire Hydrant Fund
	0	0	0	14,221,262	9,326,626	4,750,000	2,250,000	0	0	0	0	30,547,888	Future WASD Revenue Bonds
	5,862,994	0	5,862,994	0	0	0	0	0	0	0	0	5,862,994	W Construction - 2013 Bonds
	14,178,083	0	14,178,083	0	0	0	0	0	0	0	0	14,178,083	WASD Water Commercial Paper - 2015
	703,334	0	703,334	0	0	0	0	0	0	0	0	703,334	Water Renewal & Replacement Fund
TOTAL	20,867,499	0	20,867,499	14,221,262	9,326,626	4,750,000	2,250,000	0	0	0	0	51,415,387	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
EXPENDITURES													
		31,049	92,039	123,088	0	0	0	0	0	0	0	123,088	Fire Hydrant Fund
		0	0	0	14,221,262	9,326,626	4,750,000	2,250,000	0	0	0	30,547,888	Future WSD Revenue Bonds
		5,862,994	0	5,862,994	0	0	0	0	0	0	0	5,862,994	W Construction - 2013 Bonds
		7,849,203	6,328,880	14,178,083	0	0	0	0	0	0	0	14,178,083	WSD Water Commercial Paper - 2015
		124,598	578,736	703,334	0	0	0	0	0	0	0	703,334	Water Renewal & Replacement Fund
TOTAL		13,867,844	6,999,655	20,867,499	14,221,262	9,326,626	4,750,000	2,250,000	0	0	0	51,415,387	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102136 W REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE A													
Commission District(s) 5													
Sub-Project Budget / Estimated	14,011,275												
REVENUES													
	10,615,383	710,964	11,326,347	0	0	0	0	0	0	0	0	11,326,347	State Revolving Loans - Water
	355,999	0	355,999	0	0	0	0	0	0	0	0	355,999	W Construction - 2013 Bonds
	2,328,929	0	2,328,929	0	0	0	0	0	0	0	0	2,328,929	WASD Water Commercial Paper - 2015
TOTAL	13,300,311	710,964	14,011,275	0	0	0	0	0	0	0	0	14,011,275	
EXPENDITURES													
	10,615,383	710,964	11,326,347	0	0	0	0	0	0	0	0	11,326,347	State Revolving Loans - Water
	355,999	0	355,999	0	0	0	0	0	0	0	0	355,999	W Construction - 2013 Bonds
	1,426,023	902,906	2,328,929	0	0	0	0	0	0	0	0	2,328,929	WASD Water Commercial Paper - 2015
TOTAL	12,397,405	1,613,870	14,011,275	0	0	0	0	0	0	0	0	14,011,275	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
.102137 W SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A													
Commission District(s) 9													
Sub-Project Budget / Estimated	31,075,601												
REVENUES													
	0	0	0	0	2,200,328	6,118,247	4,400,000	0	0	0	0	12,718,575	Future WASD Revenue Bonds
	12,145,500	1,000,000	13,145,500	2,380,085	1,299,672	0	0	0	0	0	0	16,825,257	State Revolving Loans - Water
	1,531,769	0	1,531,769	0	0	0	0	0	0	0	0	1,531,769	WASD Water Commercial Paper - 2015
TOTAL	13,677,269	1,000,000	14,677,269	2,380,085	3,500,000	6,118,247	4,400,000	0	0	0	0	31,075,601	
EXPENDITURES													
	0	0	0	0	2,200,328	6,118,247	4,400,000	0	0	0	0	12,718,575	Future WASD Revenue Bonds
	12,145,500	1,000,000	13,145,500	2,380,085	1,299,672	0	0	0	0	0	0	16,825,257	State Revolving Loans - Water
	1,082,369	449,400	1,531,769	0	0	0	0	0	0	0	0	1,531,769	WASD Water Commercial Paper - 2015
TOTAL	13,227,869	1,449,400	14,677,269	2,380,085	3,500,000	6,118,247	4,400,000	0	0	0	0	31,075,601	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
.102139 W INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE I IN SW 147th AVE AND SW 157th AVE BETWEEN SW 288th ST & SW 297th ST													
Commission District(s) 8													
Sub-Project Budget / Estimated	5,265,239												
REVENUES													
	0	0	0	1,511,008	2,500,000	0	0	0	0	0	0	4,011,008	Future WASD Revenue Bonds
	1,254,231	0	1,254,231	0	0	0	0	0	0	0	0	1,254,231	WASD Water Commercial Paper - 2015
TOTAL	1,254,231	0	1,254,231	1,511,008	2,500,000	0	0	0	0	0	0	5,265,239	
EXPENDITURES													
	0	0	0	1,511,008	2,500,000	0	0	0	0	0	0	4,011,008	Future WASD Revenue Bonds
	0	1,254,231	1,254,231	0	0	0	0	0	0	0	0	1,254,231	WASD Water Commercial Paper - 2015
TOTAL	0	1,254,231	1,254,231	1,511,008	2,500,000	0	0	0	0	0	0	5,265,239	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102141 W REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE B													
Commission District(s) 5													
Sub-Project Budget / Estimated	15,955,062												
REVENUES													
	8,803,645	953,350	9,756,995	0	0	0	0	0	0	0	0	9,756,995	State Revolving Loans - Water
	34,962	0	34,962	0	0	0	0	0	0	0	0	34,962	W Construction - 2013 Bonds
	6,163,105	0	6,163,105	0	0	0	0	0	0	0	0	6,163,105	WASD Water Commercial Paper - 2015
TOTAL	15,001,712	953,350	15,955,062	0	0	0	0	0	0	0	0	15,955,062	
EXPENDITURES													
	8,803,645	953,350	9,756,995	0	0	0	0	0	0	0	0	9,756,995	State Revolving Loans - Water
	34,962	0	34,962	0	0	0	0	0	0	0	0	34,962	W Construction - 2013 Bonds
	1,155,367	5,007,738	6,163,105	0	0	0	0	0	0	0	0	6,163,105	WASD Water Commercial Paper - 2015
TOTAL	9,993,974	5,961,088	15,955,062	0	0	0	0	0	0	0	0	15,955,062	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102142 W SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B

Commission District(s) 9

Sub-Project Budget / Estimated 37,899,268

REVENUES

	0	0	0	0	0	7,193,343	6,500,000	5,400,000	1,095,653	0	20,188,996	Future WASD Revenue Bonds
	4,824,441	1,735,277	6,559,718	4,180,237	5,658,484	306,657	0	0	0	0	16,705,096	State Revolving Loans - Water
	5,176	0	5,176	0	0	0	0	0	0	0	5,176	W Construction - 2013 Bonds
	1,000,000	0	1,000,000	0	0	0	0	0	0	0	1,000,000	WASD Water Commercial Paper - 2015
TOTAL	5,829,617	1,735,277	7,564,894	4,180,237	5,658,484	7,500,000	6,500,000	5,400,000	1,095,653	0	37,899,268	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total		
EXPENDITURES														
		0	0	0	0	0	7,193,343	6,500,000	5,400,000	1,095,653	0	20,188,996	Future WASD Revenue Bonds	
	4,824,441	1,735,277	6,559,718	4,180,237	5,658,484	306,657	0	0	0	0	0	16,705,096	State Revolving Loans - Water	
	5,176	0	5,176	0	0	0	0	0	0	0	0	5,176	W Construction - 2013 Bonds	
	669,652	330,348	1,000,000	0	0	0	0	0	0	0	0	1,000,000	WASD Water Commercial Paper - 2015	
TOTAL	5,499,269	2,065,625	7,564,894	4,180,237	5,658,484	7,500,000	6,500,000	5,400,000	1,095,653	0	37,899,268			



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025				
.102143 W REPLACE UNDERSIZED WATER MAINS DOUGHNUT HOLE													
Commission District(s) 1													
Sub-Project Budget / Estimated	12,734,026												
REVENUES													
	340,509	0	340,509	0	0	0	0	0	0	0	0	340,509	Fire Hydrant Fund
	0	0	0	1,670,855	2,429,455	7,500,000	0	0	0	0	0	11,600,310	Future WASH Revenue Bonds
	793,207	0	793,207	0	0	0	0	0	0	0	0	793,207	WASH Water Commercial Paper - 2015
TOTAL	1,133,716	0	1,133,716	1,670,855	2,429,455	7,500,000	0	0	0	0	0	12,734,026	
EXPENDITURES													
	340,509	0	340,509	0	0	0	0	0	0	0	0	340,509	Fire Hydrant Fund
	0	0	0	1,670,855	2,429,455	7,500,000	0	0	0	0	0	11,600,310	Future WASH Revenue Bonds
	0	793,207	793,207	0	0	0	0	0	0	0	0	793,207	WASH Water Commercial Paper - 2015
TOTAL	340,509	793,207	1,133,716	1,670,855	2,429,455	7,500,000	0	0	0	0	0	12,734,026	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102144 W WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 4,000,000

REVENUES

0	0	0	0	0	0	0	0	0	1,000,000	1,000,000	2,000,000	4,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	1,000,000	1,000,000	2,000,000	4,000,000	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	1,000,000	1,000,000	2,000,000	4,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	1,000,000	1,000,000	2,000,000	4,000,000	
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Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102193 W WATER MASTER PLAN													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		3,000,000											
REVENUES													
		0	0	0	2,000,000	425,000	0	0	0	0	0	2,425,000	Future WASD Revenue Bonds
		575,000	0	575,000	0	0	0	0	0	0	0	575,000	WASD Water Commercial Paper - 2015
TOTAL		575,000	0	575,000	2,000,000	425,000	0	0	0	0	0	3,000,000	
EXPENDITURES													
		0	0	0	2,000,000	425,000	0	0	0	0	0	2,425,000	Future WASD Revenue Bonds
		387,796	187,204	575,000	0	0	0	0	0	0	0	575,000	WASD Water Commercial Paper - 2015
TOTAL		387,796	187,204	575,000	2,000,000	425,000	0	0	0	0	0	3,000,000	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future	Total			

.102198 W INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE II IN SW 147th AVE AND SW 152nd AVE BETWEEN SW 288th ST & SW 296th ST

Commission District(s) 8

Sub-Project Budget / Estimated 2,959,573

REVENUES

	0	0	0	545,792	0	0	0	0	0	0	0	545,792	Future WASD Revenue Bonds
	2,413,781	0	2,413,781	0	0	0	0	0	0	0	0	2,413,781	WASD Water Commercial Paper - 2015
TOTAL	2,413,781	0	2,413,781	545,792	0	0	0	0	0	0	0	2,959,573	

EXPENDITURES

	0	0	0	545,792	0	0	0	0	0	0	0	545,792	Future WASD Revenue Bonds
	0	2,413,781	2,413,781	0	0	0	0	0	0	0	0	2,413,781	WASD Water Commercial Paper - 2015
TOTAL	0	2,413,781	2,413,781	545,792	0	0	0	0	0	0	0	2,959,573	



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future		Total
.102243 W WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PHASE 1													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		96,115,935											
REVENUES													
		0	0	0	3,846,071	4,163,823	7,676,395	20,814,030	19,107,714	15,000,000	23,100,769	93,708,802	Future WASH Revenue Bonds
	2,407,133	0	2,407,133	0	0	0	0	0	0	0	0	2,407,133	WASH Water Commercial Paper - 2015
TOTAL	2,407,133	0	2,407,133	3,846,071	4,163,823	7,676,395	20,814,030	19,107,714	15,000,000	23,100,769	96,115,935		
EXPENDITURES													
		0	0	0	3,846,071	4,163,823	7,676,395	20,814,030	19,107,714	15,000,000	23,100,769	93,708,802	Future WASH Revenue Bonds
	218,403	2,188,730	2,407,133	0	0	0	0	0	0	0	0	2,407,133	WASH Water Commercial Paper - 2015
TOTAL	218,403	2,188,730	2,407,133	3,846,071	4,163,823	7,676,395	20,814,030	19,107,714	15,000,000	23,100,769	96,115,935		



Miami-Dade Water and Sewer Department
2019 - 2025 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 200000072

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2018 - 2019	FY 2018 - 2019	Total Prior	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	FY 2023 - 2024	FY 2024 - 2025	Future			
.102244 W LEAK DETECTION PROGRAM														
Commission District(s)														
Sub-Project Budget / Estimated	35,000,000													
REVENUES														
	25,000,000	0	25,000,000	0	0	0	0	0	0	5,000,000	5,000,000	35,000,000	Water Renewal & Replacement Fund	
TOTAL	25,000,000	0	25,000,000	0	0	0	0	0	0	5,000,000	5,000,000	35,000,000		
EXPENDITURES														
	0	0	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	35,000,000	Water Renewal & Replacement Fund	
TOTAL	0	0	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	35,000,000		

Total Revenues:	1,534,312,701	408,561,785.0	64,823,207	473,384,992	179,283,173	150,473,611	131,605,817	116,081,646	103,961,955	114,379,782	265,141,725	1,534,312,701
Total Expenditures:		264,982,255	158,858,608	423,840,863	195,913,501	157,810,688	138,105,817	122,581,646	110,461,955	116,507,164	269,091,067	1,534,312,701

FUTURE BOND ISSUES

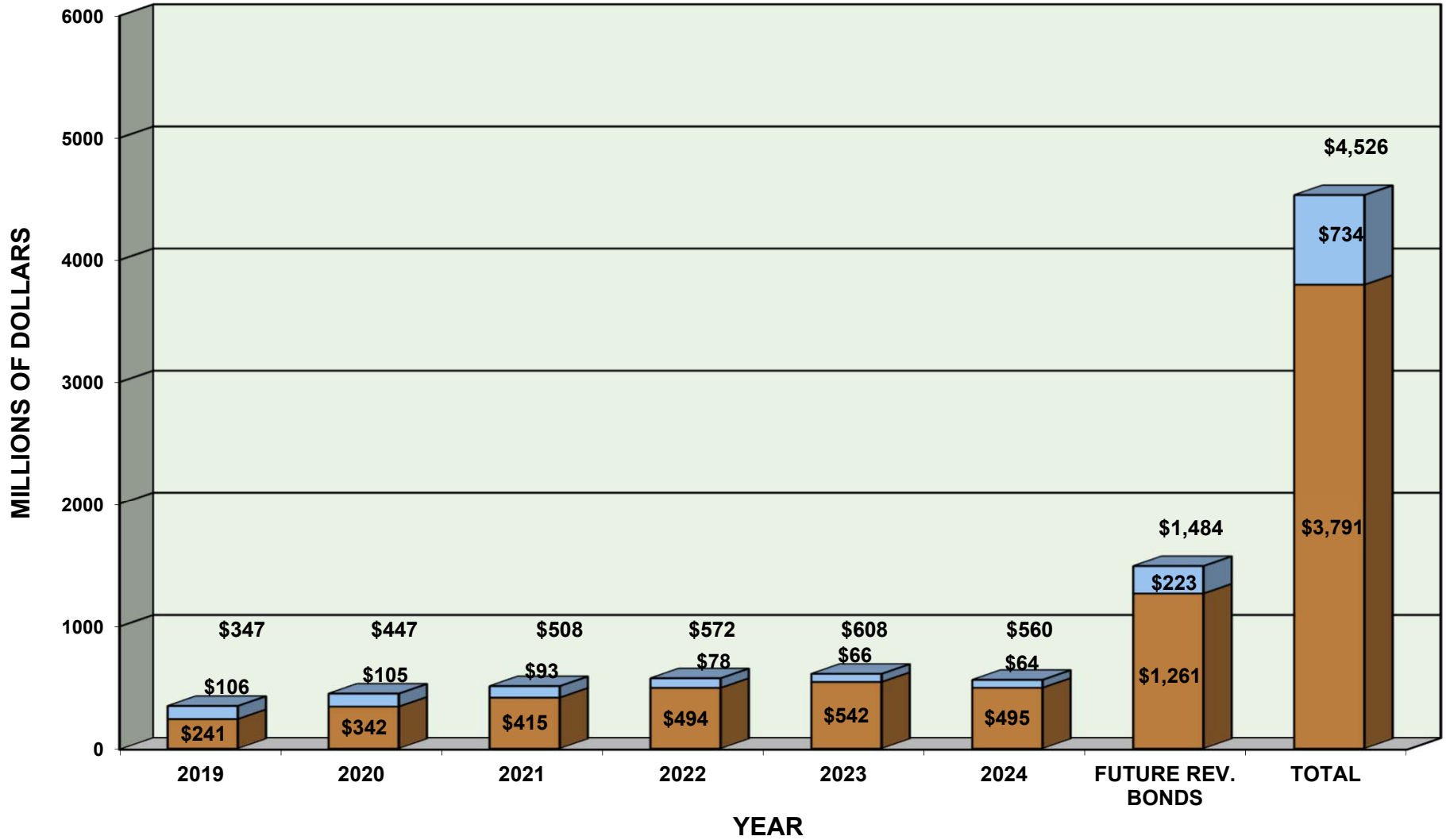


Version 2.3 - SUBMITTAL

MIAMI-DADE WATER AND SEWER DEPARTMENT
FUTURE BOND ISSUES
2019-FUTURE CAPITAL PLAN
SUMMARY

	2019-2020 OCTOBER	2020-2021 OCTOBER	2021-2022 OCTOBER	2022-2023 OCTOBER	2023-2024 OCTOBER	2024-2025 OCTOBER	FUTURE REV. BONDS	TOTAL
WASTEWATER	\$240,857	\$342,074	\$415,176	\$494,465	\$542,269	\$495,125	\$1,261,149	\$3,791,114
WATER	\$105,637	\$104,951	\$92,896	\$77,821	\$65,962	\$64,487	\$222,642	\$734,396
TOTAL	\$346,494	\$447,025	\$508,072	\$572,285	\$608,231	\$559,612	\$1,483,791	\$4,525,510

MIAMI - DADE WATER AND SEWER DEPARTMENT 2019-2025 CAPITAL PLAN FUTURE BONDS



■ SEWER ■ WATER

Prepared by Capital Planning and Coordination Section

WASTEWATER



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
Future Series 2019 - Revenue Bonds				
9650201	1011.101865	6.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	1,078
962670	1040.102006	9.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	4,384
964120	1044.102607	22.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	1,905
964120	1044.102609	23.	CDWWTP - RS PUMP STATIONS PLANT 2	3,516
964120	1044.102706	24.	NDWWTP - EFFLUENT DISPOSAL	1,320
9652101	1008.102072	38.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	1,231
964120	1044.102500	79.	SDWWTP - HEADWORKS	1,273
964120	1044.102504	82.	SDWWTP - EFFLUENT PUMP STATION	8,175
964120	1044.102506	83.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	8,803
964120	1044.102510	86.	SDWWTP - GENERAL ELECTRICAL	3,626
964120	1044.102511	87.	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	1,524
964120	1044.102600	88.	CDWWTP - ELECTRICAL IMPROVEMENTS	2,784
964120	1044.102605	89.	CDWWTP - OXYGENATION TRAINS PLANT 2	4,400
964120	1044.102613	92.	CDWWTP - DIGESTERS PLANT 1	307
964120	1044.102615	94.	CDWWTP - DEWATERING BUILDING	50
964120	1044.102620	96.	CDWWTP - PUMP STATION 1	2,682
964120	1044.102626	99.	CDWWTP - OXYGEN PRODUCTION	5,837
964120	1044.102702	101.	NDWWTP - OXYGENATION TRAINS	1,875



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

**FUTURE BOND ISSUES
WASTEWATER PROJECTS**

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102703	102.	NDWWTP - OXYGEN PRODUCTION	1,072
964120	1044.102704	103.	NDWWTP - SECONDARY CLARIFIERS	2,744
964120	1044.102707	104.	NDWWTP - PLANT WIDE ELECTRICAL	736
968150	1045.102800	106.	COLLECTION SYSTEM I/I REPAIRS	8,700
968150	1045.102808	107.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	8,029
9652101	1008.101924	119.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	582
2000000784	1049.101930	121.	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	850
2000000784	1049.101934	122.	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	550
964120	1044.102628	131.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	22,376
964120	1044.102705	132.	NDWWTP - DISINFECTION	5,776
962670	1040.102138	135.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	13,251
9650201	1011.100050	169.	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	1,200
2000000784	1049.101837	172.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	751
9655481	1006.102102	182.	SDWWTP FA MONITORING WELL REPLACEMENT	949
2000000784	1049.101816	187.	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS (VAPE)	575



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000784	1049.101823	188.	INSTALLATION OF REMOTE SYSTEM MONITORING VIDEO EQUIPMENT AT PUMP STATIONS	250
2000000784	1049.102160	190.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	750
2000000784	1049.102161	191.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	495
2000000784	1049.102163	192.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	897
9652002	1021.102164	193.	REPLACEMENT OF CONE VALVES AT PS# 1310	791
9652002	1021.102165	194.	REPLACEMENT OF OBSOLETE GENERATORS	438
2000000784	1049.100984	195.	REFURBISH STRUCTURES IN PUMP STATIONS	600
9652061	1032.101885	197.	WWTP - VIDEO SURVEILANCE SYSTEM	1,793
964120	1044.102501	198.	SDWWTP - OXYGEN PRODUCTION	9,169
964120	1044.102502	201.	SDWWTP - OXYGENATION TRAINS	1,025
964120	1044.102624	202.	CDWWTP -VENTILATION IMPROVEMENTS	650
2000000784	1049.102192	204.	OUT OF COMPLIANCE PUMP STATIONS	1,100
9653411	1002.101947	207.	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	773
9653401	1007.102184	208.	SDWWTP FOG RECOVERY STATION	699
964120	1044.102509	221.	SDWWTP - ODOR CONTROL	404
964120	1044.102606	240.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	2,055
964120	1044.102608	241.	CDWWTP - RS PUMP STATIONS PLANT 1	471
964440	1046.102908	246.	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	2,706



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650201	1011.100890	247.	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	2,000
2000000784	1049.102042	250.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	1,081
2000000784	1049.102045	251.	P.S. 2 BASIN UPGRADE - PHASE 1 LOCAL	1,946
962670	1040.102096	263.	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	1,840
962670	1040.101867	265.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	7,779
962670	1040.102008	266.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	570
2000000580	1048.101757	274.	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	518
9650241	1009.102200	277.	BISCAYNE BASIN PROJECTS RELATED TO CL-1	7,964
2000000784	1049.101933	279.	REPLACEMENT OF SUBMERSIBLE PUMPING EQUIPMENT	225
2000000784	1049.102126	280.	RELOCATION OF 20 PUMP STATIONS	1,109
964440	1046.102902	292.	UPGRADE OF PS#0692	9,913
2000000784	1049.102201	296.	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	385
2000000784	1049.102202	297.	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	245
9653411	1002.102206	299.	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	672
2000000784	1049.102213	304.	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	536
9652101	1008.101985	306.	WASTEWATER FORCE MAINS UPGRADES	1,000
9651071	1015.101454	307.	PUMP STATION IMPROVEMENT PROGRAM	8,993
964120	1044.102503	324.	SDWWTP - CHLORINE BUILDING	280



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653201	1013.102030	330.	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS - (CPCS)	750
964440	1046.102906	333.	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0417	1,053
9653371	1018.101774	334.	FORCE MAIN IN DORAL N.W. 107TH AVE.	738
962670	1040.102220	337.	NDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING	2,829
962670	1040.102222	338.	CDWWTP ELECTRICAL DISTRIBUTION BUILDINGS 2 AND 3 (CT-3C)	3,584
9653421	1003.102223	339.	CDWWTP - STORM HARDENING OF NEW HYPOCHLORITE BUILDING. MWH PLANS ALREADY AT 90% READY FOR PERMITTING	750
962670	1040.102080	341.	NDWWTP - PEAK FLOW TREATMENT (NT-3)	868
2000000784	1049.102226	351.	PS #3 RECONFIGURE ELECTRICAL SYSTEM TO ACCEPT 2000KW 4160 VOLT PORTABLE GENERATOR	390
2000000784	1049.102043	352.	DORAL BASIN UPGRADE - P.S. 14 UPGRADE - COUNTY SHARE	3,257
9653411	1002.102205	355.	2.21.02 SEAWALL PROJECT	564
964440	1046.102917	360.	UPGRADE OF PS #0441, 0491, 0710, 0827, 0852, 1236	795
962670	1040.103006	368.	CDWWTP - PRELIMINARY SITE PREPARATION (CT-2B)	4,529
962670	1040.103007	369.	CDWWTP - O2 CLARIFIERS & SECONDARY FILTERS (CT-3B)	1,870
2000000580	1048.103008	370.	SDWWTP - FILTER BACKWASH (ST-1C)	3,127
2000000580	1048.103011	373.	SDWWTP - ELECTRICAL BUILDING (ST-2D)	7,613
964120	1044.102508	374.	SDWWTP - FOG REMOVAL FACILITY	2,014



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102601	375.	CDWWTP - BUILDING IMPROVEMENTS	709
964120	1044.102602	376.	HEADWORKS PLANT 1	171
964120	1044.102603	377.	CDWWTP - HEADWORKS PLANT 2	971
964120	1044.102616	378.	CDWWTP - CHLORINATION FACILITIES	96
964120	1044.102621	379.	CDWWTP - PUMP STATION 2	367
964440	1046.102903	380.	REPLACEMENT OF SWITCHGEAR PS#0414	54
964440	1046.102905	381.	REPLACEMENT OF SWITCHGEAR PS#0416	38
964440	1046.102910	382.	INSTALLATION OF 60 INCH FM FROM KENDALL DR TO PS#0536	48
968090	1047.103002	383.	SUPPLEMENTAL ENVIRONMENT PROJECT (SEP)	19
962670	1040.102073	385.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	1,073
9650371	1025.100623	391.	LIFT STATION STRUCTURAL MAINTENANCE & UPGRADES	2,381
9651061	1010.102208	395.	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	50
9652101	1008.102245	396.	OJUS SANITARY SEWER WITHIN THE OJUS URBAN AREA DISTRICT (DIRECTOR)	2,119
9650201	1011.102246	397.	COUNTYWIDE CAPACITY AND FLOW REDUCTION (DIRECTOR)	3,000
Sub-Total				\$240,857
Future Series 2020 - Revenue Bonds				
9650201	1011.101865	31.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	1,525
962670	1040.101867	34.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	3,978



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.102006	35.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	8,500
964120	1044.102502	53.	SDWWTP - OXYGENATION TRAINS	1,824
964120	1044.102504	55.	SDWWTP - EFFLUENT PUMP STATION	21,814
964120	1044.102506	56.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	12,727
964120	1044.102510	58.	SDWWTP - GENERAL ELECTRICAL	5,366
964120	1044.102511	59.	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	82
964120	1044.102606	61.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	3,785
964120	1044.102607	62.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	3,393
964120	1044.102608	63.	CDWWTP - RS PUMP STATIONS PLANT 1	947
964120	1044.102609	64.	CDWWTP - RS PUMP STATIONS PLANT 2	6,627
964120	1044.102613	66.	CDWWTP - DIGESTERS PLANT 1	182
964120	1044.102615	68.	CDWWTP - DEWATERING BUILDING	6,800
964120	1044.102701	72.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	19,976
964120	1044.102702	73.	NDWWTP - OXYGENATION TRAINS	2,673
964120	1044.102703	74.	NDWWTP - OXYGEN PRODUCTION	1,069
964120	1044.102704	75.	NDWWTP - SECONDARY CLARIFIERS	5,130
964120	1044.102707	76.	NDWWTP - PLANT WIDE ELECTRICAL	1,474
968150	1045.102800	78.	COLLECTION SYSTEM I/I REPAIRS	8,700



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102628	98.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	17,351
962670	1040.102138	104.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	15,578
2000000784	1049.102042	107.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	1,696
9652101	1008.102072	119.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	5,700
9650201	1011.100050	123.	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	1,200
2000000784	1049.101837	127.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	1,003
9652101	1008.101924	136.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	1,987
2000000784	1049.101823	140.	INSTALLATION OF REMOTE SYSTEM MONITORING VIDEO EQUIPMENT AT PUMP STATIONS	375
2000000784	1049.102160	142.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	1,000
2000000784	1049.102161	143.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	785
2000000784	1049.102163	144.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	1,203
9652002	1021.102164	145.	REPLACEMENT OF CONE VALVES AT PS# 1310	966
9652002	1021.102165	146.	REPLACEMENT OF OBSOLETE GENERATORS	638
2000000784	1049.101816	147.	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS (VAPE)	350
2000000784	1049.101930	148.	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	700



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000784	1049.100984	149.	REFURBISH STRUCTURES IN PUMP STATIONS	400
964120	1044.102605	153.	CDWWTP - OXYGENATION TRAINS PLANT 2	1,598
9652061	1032.101885	155.	WWTP - VIDEO SURVEILANCE SYSTEM	1,160
964120	1044.102624	162.	CDWWTP - VENTILATION IMPROVEMENTS	500
2000000784	1049.102192	163.	OUT OF COMPLIANCE PUMP STATIONS	1,800
9653401	1007.102184	165.	SDWWTP FOG RECOVERY STATION	5,626
964120	1044.102509	194.	SDWWTP - ODOR CONTROL	986
9650201	1011.100890	209.	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	2,000
9655481	1006.102102	210.	SDWWTP FA MONITORING WELL REPLACEMENT	1,700
2000000784	1049.102045	211.	P.S. 2 BASIN UPGRADE - PHASE 1 LOCAL	3,472
962670	1040.102080	221.	NDWWTP - PEAK FLOW TREATMENT (NT-3)	2,237
962670	1040.102008	223.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	1,479
964120	1044.102501	231.	SDWWTP - OXYGEN PRODUCTION	5,564
964120	1044.102507	232.	SDWWTP - DEWATERING FACILITY	2,263
964120	1044.102600	233.	CDWWTP - ELECTRICAL IMPROVEMENTS	9,192
964120	1044.102626	252.	CDWWTP - OXYGEN PRODUCTION	15,136
2000000784	1049.102201	260.	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	665
2000000784	1049.102202	261.	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	525
2000000784	1049.102213	268.	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	888



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653371	1018.101774	270.	FORCE MAIN IN DORAL N.W. 107TH AVE.	3,207
9652101	1008.101985	272.	WASTEWATER FORCE MAINS UPGRADES	1,000
964120	1044.102503	290.	SDWWTP - CHLORINE BUILDING	1,839
9653201	1013.102030	297.	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS - (CPCS)	1,500
962670	1040.102220	304.	NDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING	4,266
962670	1040.102222	305.	CDWWTP ELECTRICAL DISTRIBUTION BUILDINGS 2 AND 3 (CT-3C)	4,088
9653421	1003.102223	307.	CDWWTP - STORM HARDENING OF NEW HYPOCHLORITE BUILDING. MWH PLANS ALREADY AT 90% READY FOR PERMITTING	2,500
964120	1044.102705	315.	NDWWTP - DISINFECTION	4,174
9650241	1009.102200	327.	BISCAYNE BASIN PROJECTS RELATED TO CL-1	4,246
9653411	1002.102206	330.	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	1,907
2000000784	1049.102126	332.	RELOCATION OF 20 PUMP STATIONS	1,311
2000000784	1049.101934	333.	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	620
9651071	1015.101454	336.	PUMP STATION IMPROVEMENT PROGRAM	1,699
2000000784	1049.101933	337.	REPLACEMENT OF SUBMERSIBLE PUMPING EQUIPMENT	175
964440	1046.102908	339.	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	4,827
9653411	1002.102205	345.	2.21.02 SEAWALL PROJECT	1,500
964440	1046.102902	348.	UPGRADE OF PS#0692	249
962670	1040.103006	351.	CDWWTP - PRELIMINARY SITE PREPARATION (CT-2B)	372



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.103007	352.	CDWWTP - O2 CLARIFIERS & SECONDARY FILTERS (CT-3B)	1,789
2000000580	1048.103008	353.	SDWWTP - FILTER BACKWASH (ST-1C)	12,190
2000000580	1048.103010	355.	SDWWTP - CLARIFIERS AND HLD (ST-2B)	90
2000000580	1048.103011	356.	SDWWTP - ELECTRICAL BUILDING (ST-2D)	10,934
962670	1040.102073	358.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	1,400
2000000580	1048.102055	362.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	3,096
964120	1044.102508	365.	SDWWTP - FOG REMOVAL FACILITY	400
964120	1044.102618	366.	CDWWTP - CO-GEN FACILITY	6,000
968150	1045.102808	367.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	3,000
2000000784	1049.101846	368.	PS 559 FLOW METER	350
9653411	1002.101947	369.	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	1,505
964120	1044.102610	374.	CDWWTP - EFFLUENT PUMP STATION	6,104
964120	1044.102614	375.	CDWWTP - DIGESTERS PLANT 2	19,125
9651061	1010.102208	377.	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	100
9652101	1008.102245	378.	OJUS SANITARY SEWER WITHIN THE OJUS URBAN AREA DISTRICT (DIRECTOR)	7,357
9650201	1011.102246	379.	COUNTYWIDE CAPACITY AND FLOW REDUCTION (DIRECTOR)	4,000
2000000784	1049.102043	380.	DORAL BASIN UPGRADE - P.S. 14 UPGRADE - COUNTY SHARE	860
Sub-Total				\$342,074



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
Future Series 2021 - Revenue Bonds				
9650201	1011.100050	14.	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	1,200
962670	1040.101867	22.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	12,728
962670	1040.102006	23.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	4,802
962670	1040.102008	25.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	853
962670	1040.102138	45.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	16,827
964120	1044.102503	47.	SDWWTP - CHLORINE BUILDING	1,388
964120	1044.102504	48.	SDWWTP - EFFLUENT PUMP STATION	10,977
964120	1044.102606	52.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	6,063
964120	1044.102608	53.	CDWWTP - RS PUMP STATIONS PLANT 1	2,628
964120	1044.102609	54.	CDWWTP - RS PUMP STATIONS PLANT 2	7,572
964120	1044.102613	55.	CDWWTP - DIGESTERS PLANT 1	2,140
964120	1044.102628	57.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	14,873
964120	1044.102702	58.	NDWWTP - OXYGENATION TRAINS	5,320
964120	1044.102703	59.	NDWWTP - OXYGEN PRODUCTION	3,015
964120	1044.102704	60.	NDWWTP - SECONDARY CLARIFIERS	6,512
964120	1044.102707	62.	NDWWTP - PLANT WIDE ELECTRICAL	76



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
968150	1045.102800	64.	COLLECTION SYSTEM I/I REPAIRS	8,700
964120	1044.102502	65.	SDWWTP - OXYGENATION TRAINS	2,165
964120	1044.102607	72.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	3,424
964120	1044.102614	73.	CDWWTP - DIGESTERS PLANT 2	12,181
9652101	1008.101924	94.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	2,750
2000000784	1049.101816	101.	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS (VAPE)	290
2000000784	1049.101823	102.	INSTALLATION OF REMOTE SYSTEM MONITORING VIDEO EQUIPMENT AT PUMP STATIONS	257
2000000784	1049.101837	103.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	1,315
2000000784	1049.102160	105.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	1,100
2000000784	1049.102163	107.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	1,650
9652002	1021.102165	109.	REPLACEMENT OF OBSOLETE GENERATORS	884
2000000784	1049.100984	110.	REFURBISH STRUCTURES IN PUMP STATIONS	400
964120	1044.102624	128.	CDWWTP - VENTILATION IMPROVEMENTS	2,053
2000000784	1049.102192	129.	OUT OF COMPLIANCE PUMP STATIONS	1,900
2000000784	1049.102042	133.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	1,816
964120	1044.102509	172.	SDWWTP - ODOR CONTROL	7,848
9653401	1007.102184	187.	SDWWTP FOG RECOVERY STATION	10,102



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000784	1049.101930	188.	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	911
962670	1040.102080	194.	NDWWTP - PEAK FLOW TREATMENT (NT-3)	1,495
962670	1040.102150	196.	SE-2 SDWWTP BZ DEEP MUNICIPAL INJECTION WELLS (WIFIA)	821
2000000784	1049.102161	203.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	926
9652101	1008.102072	206.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	9,821
964120	1044.102506	209.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	17,541
964120	1044.102701	216.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	15,407
2000000784	1049.102201	235.	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	700
2000000784	1049.102202	236.	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	700
2000000784	1049.102213	243.	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	1,050
9652101	1008.101985	248.	WASTEWATER FORCE MAINS UPGRADES	2,000
9650201	1011.100890	249.	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	2,000
9653201	1013.102030	272.	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS - (CPCS)	1,500
9652002	1021.102164	274.	REPLACEMENT OF CONE VALVES AT PS# 1310	750
968150	1045.102809	276.	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	1,237
962670	1040.102220	281.	NDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING	10,823
962670	1040.102222	282.	CDWWTP ELECTRICAL DISTRIBUTION BUILDINGS 2 AND 3 (CT-3C)	7,564
9650201	1011.101865	285.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	2,500



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102507	289.	SDWWTP - DEWATERING FACILITY	14,834
964120	1044.102600	290.	CDWWTP - ELECTRICAL IMPROVEMENTS	964
9650241	1009.102200	304.	BISCAYNE BASIN PROJECTS RELATED TO CL-1	3,000
9651061	1010.102208	305.	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	2,299
2000000784	1049.102126	307.	RELOCATION OF 20 PUMP STATIONS	1,400
9652061	1032.101885	308.	WWTP - VIDEO SURVEILANCE SYSTEM	1,000
964120	1044.102615	316.	CDWWTP - DEWATERING BUILDING	11,151
964120	1044.102626	318.	CDWWTP - OXYGEN PRODUCTION	19,107
9653411	1002.102205	323.	2.21.02 SEAWALL PROJECT	2,000
964120	1044.102501	325.	SDWWTP - OXYGEN PRODUCTION	242
964440	1046.102908	330.	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	2,199
962670	1040.103007	332.	CDWWTP - O2 CLARIFIERS & SECONDARY FILTERS (CT-3B)	10,050
2000000580	1048.103008	333.	SDWWTP - FILTER BACKWASH (ST-1C)	2,390
2000000580	1048.103009	334.	SDWWTP - CHLORINE CONTACT & WELLS PS (ST-2C)	19,356
2000000580	1048.103010	335.	SDWWTP - CLARIFIERS AND HLD (ST-2B)	12,160
2000000580	1048.103011	336.	SDWWTP - ELECTRICAL BUILDING (ST-2D)	21,140
962670	1040.102073	338.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	15,872
2000000580	1048.102055	342.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	11,453
2000000580	1048.102056	343.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	1,395



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102510	345.	SDWWTP - GENERAL ELECTRICAL	3,300
964120	1044.102610	346.	CDWWTP - EFFLUENT PUMP STATION	3,000
964120	1044.102618	347.	CDWWTP - CO-GEN FACILITY	1,000
964120	1044.102705	348.	NDWWTP - DISINFECTION	3,000
2000000784	1049.101846	350.	PS 559 FLOW METER	150
2000000784	1049.101934	351.	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	550
9653411	1002.101947	352.	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	2,300
9653421	1003.102223	353.	CDWWTP - STORM HARDENING OF NEW HYPOCHLORITE BUILDING. MWH PLANS ALREADY AT 90% READY FOR PERMITTING	1,550
9655481	1006.102102	354.	SDWWTP FA MONITORING WELL REPLACEMENT	2,000
9653371	1018.101774	355.	FORCE MAIN IN DORAL 36-INCH DIAMETER SANITARY SEWER FM: IN 107 AVENUE - FROM NW 7 ST. TO NW 25 STREET 36-INCH DIAMETER SANITARY SEWER FORCE MAIN: IN 107 AVENUE – FROM N.W.7 STREET TO N.W. 25 STREET	1,500
968150	1045.102808	361.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	2,000
9652101	1008.102245	362.	OJUS SANITARY SEWER WITHIN THE OJUS URBAN AREA DISTRICT (DIRECTOR)	1,118
9650201	1011.102246	363.	COUNTYWIDE CAPACITY AND FLOW REDUCTION (DIRECTOR)	5,000
9653411	1002.102206	364.	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	1,500
2000000784	1049.102045	365.	P.S. 2 BASIN UPGRADE - PHASE 1 LOCAL	1,639
Sub-Total				\$415,176



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
Future Series 2022 - Revenue Bonds				
964120	1044.102502	19.	SDWWTP - OXYGENATION TRAINS	1,718
964120	1044.102509	21.	SDWWTP - ODOR CONTROL	6,409
964120	1044.102606	24.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	6,112
964120	1044.102607	25.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	1,667
964120	1044.102608	26.	CDWWTP - RS PUMP STATIONS PLANT 1	4,465
964120	1044.102609	27.	CDWWTP - RS PUMP STATIONS PLANT 2	5,035
964120	1044.102613	28.	CDWWTP - DIGESTERS PLANT 1	3,646
964120	1044.102624	30.	CDWWTP - VENTILATION IMPROVEMENTS	4,379
964120	1044.102628	31.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	15,644
2000000784	1049.102192	33.	OUT OF COMPLIANCE PUMP STATIONS	3,319
962670	1040.102006	36.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	20,573
962670	1040.102080	39.	NDWWTP - PEAK FLOW TREATMENT (NT-3)	7,163
964120	1044.102702	46.	NDWWTP - OXYGENATION TRAINS	16,533
964120	1044.102703	47.	NDWWTP - OXYGEN PRODUCTION	13,507
964120	1044.102704	48.	NDWWTP - SECONDARY CLARIFIERS	6,401
968150	1045.102800	49.	COLLECTION SYSTEM I/I REPAIRS	8,700



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

**FUTURE BOND ISSUES
WASTEWATER PROJECTS**

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9652101	1008.101924	63.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	3,200
2000000784	1049.102042	64.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	2,000
2000000784	1049.101816	72.	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS (VAPE)	175
2000000784	1049.101823	73.	INSTALLATION OF REMOTE SYSTEM MONITORING VIDEO EQUIPMENT AT PUMP STATIONS	300
2000000784	1049.101837	74.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	2,527
962670	1040.101867	80.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	25,937
962670	1040.102007	81.	NDWWTP- BZ DEEP INJECTION WELLS (NE-2) (WIFIA)	7,863
962670	1040.102008	82.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	5,675
962670	1040.102138	92.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	13,028
2000000784	1049.102160	98.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	3,401
2000000784	1049.102163	99.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	1,221
9652002	1021.102165	101.	REPLACEMENT OF OBSOLETE GENERATORS	940
2000000784	1049.102161	102.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2,750
9652101	1008.102072	113.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	15,000
964120	1044.102614	119.	CDWWTP - DIGESTERS PLANT 2	10,428
2000000784	1049.102201	144.	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	1,050



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

**FUTURE BOND ISSUES
WASTEWATER PROJECTS**

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000784	1049.102202	145.	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	1,050
2000000784	1049.102213	151.	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	1,225
9653401	1007.102184	158.	SDWWTP FOG RECOVERY STATION	4,250
9652101	1008.101985	159.	WASTEWATER FORCE MAINS UPGRADES	7,500
9650201	1011.100890	160.	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	2,000
9650201	1011.100050	182.	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	1,200
9653201	1013.102030	184.	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS - (CPCS)	2,500
968150	1045.102809	187.	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	1,715
962670	1040.102220	191.	NDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING	16,563
962670	1040.102222	192.	CDWWTP ELECTRICAL DISTRIBUTION BUILDINGS 2 AND 3 (CT-3C)	12,247
9650201	1011.101865	199.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	2,700
964120	1044.102506	201.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	19,572
962670	1040.102010	202.	CDWWTP- BZ DEEP INJECTION WELLS (CE-2) (WIFIA)	1,811
962670	1040.102150	204.	SE-2 SDWWTP BZ DEEP MUNICIPAL INJECTION WELLS (WIFIA)	1,828
2000000784	1049.100984	215.	REFURBISH STRUCTURES IN PUMP STATIONS	310
2000000784	1049.101930	217.	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	306
964120	1044.102507	219.	SDWWTP - DEWATERING FACILITY	25,418
964120	1044.102615	222.	CDWWTP - DEWATERING BUILDING	20,270



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000784	1049.102126	232.	RELOCATION OF 20 PUMP STATIONS	1,500
964440	1046.102908	242.	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	1,026
962670	1040.103007	243.	CDWWTP - O2 CLARIFIERS & SECONDARY FILTERS (CT-3B)	21,002
2000000580	1048.103009	244.	SDWWTP - CHLORINE CONTACT & WELLS PS (ST-2C)	15,095
2000000580	1048.103010	245.	SDWWTP - CLARIFIERS AND HLD (ST-2B)	14,014
2000000580	1048.103011	246.	SDWWTP - ELECTRICAL BUILDING (ST-2D)	17,263
962670	1040.102073	247.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	17,964
2000000580	1048.102055	250.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	2,223
2000000580	1048.102056	251.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	20,928
964120	1044.102626	253.	CDWWTP - OXYGEN PRODUCTION	12,000
964120	1044.102701	254.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	7,500
9653411	1002.101947	258.	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	1,000
9651061	1010.102208	259.	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	7,500
9652002	1021.102164	262.	REPLACEMENT OF CONE VALVES AT PS# 1310	650
2000000784	1049.101934	263.	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	320
9653411	1002.102205	264.	2.21.02 SEAWALL PROJECT	1,500
9653421	1003.102223	265.	CDWWTP - STORM HARDENING OF NEW HYPOCHLORITE BUILDING. MWH PLANS ALREADY AT 90% READY FOR PERMITTING	500
9655481	1006.102102	266.	SDWWTP FA MONITORING WELL REPLACEMENT	300



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653371	1018.101774	267.	FORCE MAIN IN DORAL 36-INCH DIAMETER SANITARY SEWER FM: IN 107 AVENUE - FROM NW 7 ST. TO NW 25 STREET 36-INCH DIAMETER SANITARY SEWER FORCE MAIN: IN 107 AVENUE – FROM N.W.7 STREET TO N.W. 25 STREET	950
9650201	1011.102246	275.	COUNTYWIDE CAPACITY AND FLOW REDUCTION (DIRECTOR)	5,000
9653411	1002.102206	276.	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	2,000
9650241	1009.102200	277.	BISCAYNE BASIN PROJECTS RELATED TO CL-1	1,000
Sub-Total				\$494,465
Future Series 2023 - Revenue Bonds				
9652101	1008.101985	20.	WASTEWATER FORCE MAINS UPGRADES	10,000
962670	1040.102222	26.	CDWWTP ELECTRICAL DISTRIBUTION BUILDINGS 2 AND 3 (CT-3C)	20,933
9653401	1007.102184	29.	SDWWTP FOG RECOVERY STATION	500
9652101	1008.101924	30.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	6,000
2000000784	1049.102042	31.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	4,000
2000000784	1049.102201	32.	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	8,295
2000000784	1049.102202	33.	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	2,275
2000000784	1049.102213	35.	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	3,759
2000000784	1049.102192	45.	OUT OF COMPLIANCE PUMP STATIONS	3,900
2000000784	1049.101816	47.	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS (VAPE)	175



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

**FUTURE BOND ISSUES
WASTEWATER PROJECTS**

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000784	1049.101823	48.	INSTALLATION OF REMOTE SYSTEM MONITORING VIDEO EQUIPMENT AT PUMP STATIONS	300
2000000784	1049.101837	49.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	3,750
2000000784	1049.102160	51.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	4,050
2000000784	1049.102161	52.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	3,000
2000000784	1049.102163	53.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	4,432
9652002	1021.102165	54.	REPLACEMENT OF OBSOLETE GENERATORS	1,100
962670	1040.101867	58.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	31,062
962670	1040.102006	59.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	32,444
962670	1040.102008	61.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	19,585
962670	1040.102073	68.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	10,772
962670	1040.102080	71.	NDWWTP - PEAK FLOW TREATMENT (NT-3)	14,808
962670	1040.102138	77.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	10,882
964120	1044.102502	81.	SDWWTP - OXYGENATION TRAINS	251
964120	1044.102606	86.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	3,004
964120	1044.102607	87.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	1,188
964120	1044.102608	88.	CDWWTP - RS PUMP STATIONS PLANT 1	3,785
964120	1044.102613	90.	CDWWTP - DIGESTERS PLANT 1	1,301



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102624	94.	CDWWTP - VENTILATION IMPROVEMENTS	1,758
964120	1044.102628	96.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	9,558
964120	1044.102702	98.	NDWWTP - OXYGENATION TRAINS	23,200
964120	1044.102704	99.	NDWWTP - SECONDARY CLARIFIERS	5,425
968150	1045.102800	101.	COLLECTION SYSTEM I/I REPAIRS	8,700
9652101	1008.102072	116.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	17,000
964120	1044.102609	144.	CDWWTP - RS PUMP STATIONS PLANT 2	4,314
964120	1044.102703	145.	NDWWTP - OXYGEN PRODUCTION	16,826
9652101	1008.102065	149.	24-INCH FORCE MAIN EXTENSION IN NW 167 ST FROM NW 58 AVE TO NW 49 AVE THEN SOUTH TO NW 156 ST - (CPCS)	6,120
9653201	1013.102030	154.	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS - (CPCS)	3,000
962670	1040.102220	158.	NDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING	19,953
962670	1040.102007	162.	NDWWTP- BZ DEEP INJECTION WELLS (NE-2) (WIFIA)	7,732
2000000580	1048.102055	164.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	1,101
9650201	1011.101865	169.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	3,000
962670	1040.102010	171.	CDWWTP- BZ DEEP INJECTION WELLS (CE-2) (WIFIA)	13,100
2000000784	1049.102126	196.	RELOCATION OF 20 PUMP STATIONS	2,310
964440	1046.102908	212.	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	217



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

**FUTURE BOND ISSUES
WASTEWATER PROJECTS**

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.103007	214.	CDWWTP - O2 CLARIFIERS & SECONDARY FILTERS (CT-3B)	25,034
2000000580	1048.103011	215.	SDWWTP - ELECTRICAL BUILDING (ST-2D)	15,437
964120	1044.102509	216.	SDWWTP - ODOR CONTROL	109
2000000580	1048.102056	218.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	19,000
2000000580	1048.103010	219.	SDWWTP - CLARIFIERS AND HLD (ST-2B)	15,500
2000000580	1048.103009	220.	SDWWTP - CHLORINE CONTACT & WELLS PS (ST-2C)	9,500
964120	1044.102506	221.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	15,000
964120	1044.102507	222.	SDWWTP - DEWATERING FACILITY	17,000
964120	1044.102614	223.	CDWWTP - DIGESTERS PLANT 2	9,144
964120	1044.102615	224.	CDWWTP - DEWATERING BUILDING	30,959
964120	1044.102626	225.	CDWWTP - OXYGEN PRODUCTION	9,500
964120	1044.102701	226.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	3,500
9651061	1010.102208	229.	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	10,571
9650201	1011.100050	230.	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	1,200
9650201	1011.100890	231.	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	2,000
9652002	1021.102164	234.	REPLACEMENT OF CONE VALVES AT PS# 1310	501
9653411	1002.101947	239.	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	1,000
9653421	1003.102223	240.	CDWWTP - STORM HARDENING OF NEW HYPOCHLORITE BUILDING. MWH PLANS ALREADY AT 90% READY FOR PERMITTING	200



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653371	1018.101774	241.	FORCE MAIN IN DORAL 36-INCH DIAMETER SANITARY SEWER FM: IN 107 AVENUE - FROM NW 7 ST. TO NW 25 STREET 36-INCH DIAMETER SANITARY SEWER FORCE MAIN: IN 107 AVENUE – FROM N.W.7 STREET TO N.W. 25 STREET	750
9650201	1011.102246	243.	COUNTYWIDE CAPACITY AND FLOW REDUCTION (DIRECTOR)	5,000
9653411	1002.102206	244.	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	2,500
Sub-Total				\$542,269
Future Series 2024 - Revenue Bonds				
2000000580	1048.102056	18.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	17,500
2000000580	1048.103010	19.	SDWWTP - CLARIFIERS AND HLD (ST-2B)	18,500
2000000580	1048.103011	20.	SDWWTP - ELECTRICAL BUILDING (ST-2D)	14,000
2000000580	1048.103009	21.	SDWWTP - CHLORINE CONTACT & WELLS PS (ST-2C)	5,500
9653411	1002.102221	22.	NDWWTP - COMPLETE REPLACEMENT OF 4160 VOLT AND 480 VOLT SWITCHGEAR AND MCCS. REPLACE OUTDATED INEFFICIENT MAGNETIC DRIVES WITH VFDS NDWWTP	18,000
9653421	1003.102224	24.	CDWWTP - ENCLOSE AND STORM HARDEN OUTDOOR ELECTRICAL SUBSTATIONS 19 AND 20, 19A AND 20A	500
962670	1040.101867	35.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	59,132
962670	1040.102007	37.	NDWWTP- BZ DEEP INJECTION WELLS (NE-2) (WIFIA)	3,467
962670	1040.102008	38.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	10,009
962670	1040.102009	39.	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	19,739



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

**FUTURE BOND ISSUES
WASTEWATER PROJECTS**

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.102010	40.	CDWWTP- BZ DEEP INJECTION WELLS (CE-2) (WIFIA)	10,273
962670	1040.102073	41.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	7,000
962670	1040.102080	42.	NDWWTP - PEAK FLOW TREATMENT (NT-3)	10,860
962670	1040.102138	43.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	5,811
962670	1040.102220	44.	NDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING	24,186
962670	1040.102222	45.	CDWWTP ELECTRICAL DISTRIBUTION BUILDINGS 2 AND 3 (CT-3C)	27,215
962670	1040.103007	46.	CDWWTP - O2 CLARIFIERS & SECONDARY FILTERS (CT-3B)	20,500
964120	1044.102608	48.	CDWWTP - RS PUMP STATIONS PLANT 1	1,784
964120	1044.102613	49.	CDWWTP - DIGESTERS PLANT 1	31
964120	1044.102628	50.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	3,649
964120	1044.102702	51.	NDWWTP - OXYGENATION TRAINS	12,409
964120	1044.102703	52.	NDWWTP - OXYGEN PRODUCTION	8,390
964120	1044.102704	53.	NDWWTP - SECONDARY CLARIFIERS	1,814
968150	1045.102800	54.	COLLECTION SYSTEM I/I REPAIRS	8,700
2000000784	1049.101837	57.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	1,201
2000000784	1049.102042	58.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	2,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000784	1049.102161	61.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2,500
2000000784	1049.102192	62.	OUT OF COMPLIANCE PUMP STATIONS	4,250
2000000784	1049.102201	63.	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	4,800
2000000784	1049.102202	64.	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	2,100
2000000784	1049.102213	65.	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	7,558
2000000784	1049.102225	66.	PS #1 (4ST.) REPLACE ELECTRICAL SWITCHGEAR AND MCCS	1,500
964120	1044.102606	69.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	1,123
964120	1044.102507	70.	SDWWTP - DEWATERING FACILITY	12,500
964120	1044.102614	71.	CDWWTP - DIGESTERS PLANT 2	7,500
964120	1044.102615	72.	CDWWTP - DEWATERING BUILDING	28,000
962670	1040.102006	73.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	41,185
964120	1044.102506	75.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	13,500
9650201	1011.100050	76.	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	1,200
9650201	1011.100890	77.	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	2,000
9653201	1013.102030	79.	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS - (CPCS)	3,500
9652002	1021.102165	81.	REPLACEMENT OF OBSOLETE GENERATORS	1,645
2000000784	1049.102160	82.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	5,346
9652101	1008.101985	83.	WASTEWATER FORCE MAINS UPGRADES	4,450
9652101	1008.102072	84.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	15,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650201	1011.101865	85.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	5,500
964120	1044.102626	88.	CDWWTP - OXYGEN PRODUCTION	6,750
2000000784	1049.102163	89.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	2,500
9653401	1007.102184	91.	SDWWTP FOG RECOVERY STATION	250
9653371	1018.101774	92.	FORCE MAIN IN DORAL 36-INCH DIAMETER SANITARY SEWER FM: IN 107 AVENUE - FROM NW 7 ST. TO NW 25 STREET 36-INCH DIAMETER SANITARY SEWER FORCE MAIN: IN 107 AVENUE – FROM N.W.7 STREET TO N.W. 25 STREET	300
9650201	1011.102246	95.	COUNTYWIDE CAPACITY AND FLOW REDUCTION (DIRECTOR)	5,000
2000000784	1049.102126	96.	RELOCATION OF 20 PUMP STATIONS	3,000
Sub-Total				\$495,125
Future Series - Revenue Bonds				
962670	1040.101867	45.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	136,085
968150	1045.102800	226.	COLLECTION SYSTEM I/I REPAIRS	8,700
962670	1040.102008	310.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	16,393
962670	1040.102138	315.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	8,840
2000000784	1049.102192	373.	OUT OF COMPLIANCE PUMP STATIONS	97,538
9653201	1013.101461	394.	NORTH MAINTENANCE CENTER	12,175
9653201	1013.101999	435.	WEST MAINTENANCE CENTER	41,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.102080	446.	NDWWTP - PEAK FLOW TREATMENT (NT-3)	22,966
964120	1044.102628	463.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	817
9652101	1008.102072	475.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	13,028
9653421	1003.101991	566.	CDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION	8,500
9653201	1013.101108	587.	MIAMI SERVICE FACILITY - PHASE 2	21,373
2000000580	1048.102056	592.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	30,500
962670	1040.102222	609.	CDWWTP ELECTRICAL DISTRIBUTION BUILDINGS 2 AND 3 (CT-3C)	122,943
2000000784	1049.102160	610.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	3,778
2000000784	1049.102161	611.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	7,367
2000000784	1049.102213	614.	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	10,001
2000000784	1049.102042	629.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	3,700
9653401	1007.101994	642.	SDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION - 8870	7,500
9653401	1007.101995	643.	SDWWTP SUSTAINABILITY CARBON DIOXIDE SEQUESTERING WITH EFFLUENT REUSE - 7880 - (CPCS)	21,678
9652101	1008.102153	644.	60-INCH WEST MIAMI-DADE FORCE MAIN - NORTH - (CPCS)	28,307
962670	1040.103007	652.	CDWWTP - O2 CLARIFIERS & SECONDARY FILTERS (CT-3B)	54,886
2000000580	1048.103009	654.	SDWWTP - CHLORINE CONTACT & WELLS PS (ST-2C)	1,000
2000000580	1048.103010	656.	SDWWTP - CLARIFIERS AND HLD (ST-2B)	43,900
962670	1040.102006	657.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	102,437



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

**FUTURE BOND ISSUES
WASTEWATER PROJECTS**

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102507	658.	SDWWTP - DEWATERING FACILITY	4,500
964120	1044.102614	659.	CDWWTP - DIGESTERS PLANT 2	9,500
964120	1044.102615	660.	CDWWTP - DEWATERING BUILDING	20,000
9652101	1008.101985	662.	WASTEWATER FORCE MAINS UPGRADES	3,500
9650201	1011.100050	663.	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	1,200
9650201	1011.100890	664.	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	2,000
9650201	1011.101807	665.	REHAB OF ALL JUNCTION CHAMBERS AND ASSOCIATED LINES - (CPCS)	500
9653201	1013.102030	666.	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS - (CPCS)	11,950
9653371	1018.102194	667.	WASTEWATER MASTER PLAN	5,599
9652002	1021.102165	668.	REPLACEMENT OF OBSOLETE GENERATORS	1,750
2000000784	1049.101837	669.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	1,164
9653201	1013.101506	670.	SOUTH MAINTENANCE CENTER	23,639
9653201	1013.102052	671.	MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION	2,699
9653401	1007.102215	672.	SDWWTP - REPLACEMENT 489 VOLT SUBSTATION / MCC OXYGEN PLANT 1 & 2	10,000
9653401	1007.102216	673.	SDWWTP - EMERGENCY GENERATOR #8 SWITCHGEAR BUILDING #2	5,000
9653401	1007.102217	674.	SDWWTP - UPGRADE EMERGENCY GENERATORS TO DUAL FUEL NG / DIESEL IN SWITCHGEAR BUILDING #2 UNIT 1-7	4,200



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

**FUTURE BOND ISSUES
WASTEWATER PROJECTS**

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653401	1007.102218	675.	SDWWTP - RECONFIGURE 13,200 VOLT DUAL FEEDER SYSTEM TO SUBSTATION 33 AND 34, 31 AND 32, 31A AND 32A, 21 AND 22, 27AND 28, 23 AND 24, 25 AND 26	5,000
9653401	1007.102219	676.	SDWWTP - PROVIDE REDUNDANT FEEDERS TO NEW O2 COMPRESSORS 3 AND 4 FROM SWITCHGEAR BUILDING #2	1,000
9653201	1013.101654	677.	WESTWOOD LAKES FACILITY ELEVATOR RENOVATION	1,500
9653201	1013.101886	678.	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	1,444
9653201	1013.102000	679.	GENERAL MAINTENANCE LAND ACQUISITION - SEWER	3,500
9653201	1013.102001	680.	LEJEUNE ROAD OFFICE EXPANSION - PHASE 2	5,000
9653201	1013.101653	681.	11TH STREET DISTRIBUTION FACILITY RENOVATION	3,600
962670	1040.102220	684.	NDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING	33,000
964120	1044.102506	691.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	19,500
964120	1044.102626	692.	CDWWTP - OXYGEN PRODUCTION	2,750
2000000784	1049.102163	694.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	1,000
2000000580	1048.103011	695.	SDWWTP - ELECTRICAL BUILDING (ST-2D)	39,000
9650201	1011.101865	696.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	26,900
962670	1040.102009	698.	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	16,000
962670	1040.102010	700.	CDWWTP- BZ DEEP INJECTION WELLS (CE-2) (WIFIA)	77
962670	1040.102007	701.	NDWWTP- BZ DEEP INJECTION WELLS (NE-2) (WIFIA)	2,002



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650201	1011.102246	703.	COUNTYWIDE CAPACITY AND FLOW REDUCTION (DIRECTOR)	164,164
2000000784	1049.102126	704.	RELOCATION OF 20 PUMP STATIONS	3,100
			Sub-Total	\$1,261,149
			TOTAL	\$3,791,114

WATER



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
Future Series 2019 - Revenue Bonds				
9653311	1060.100786	27.	WATER DISTRIBUTION SYSTEM EXTENSION	400
9650021	1055.102016	127.	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	500
9653311	1060.102140	148.	FURNISH AND INSTALL 48-INCH WATER MAIN IN SW 117 AVE, SW 72 ST, SW 127 AVE FROM SW 68 ST. TO SW 152 ST. (AREA N)	5,209
9654031	1053.101540	163.	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	2,720
9650041	1050.102104	173.	FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP	1,178
9650041	1050.102110	174.	HIALEAH/PRESTON REPLACEMENT OF UNDERDRAIN FILTERS	2,840
9650031	1051.101945	200.	HIGH SERVICE PUMP AND MOTOR IMPROVEMENTS WEST ROOM - VFD	200
9650041	1050.101711	227.	HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING ON REDUNDANT 72-INCH WATER MAIN	4,633
9650041	1050.102127	228.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	1,296
9650031	1051.101694	229.	ORR WTP - SWITCHGEAR BUILDING AND DUCT BANK W830 PHASE 1 AND PHASE 2	655
9650031	1051.101946	231.	HYDROTREATOR DRIVES ASSEMBLES AND MOTORS	39
9650031	1051.102175	233.	ALEXANDER ORR WATER TESTING LABORATORY	2,489



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9654061	1075.102135	237.	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	2,000
967190	1082.102178	238.	36-INCH WATER MAIN NW 106 STREET	5,438
967190	1082.102179	239.	36-INCH WATER MAIN NW 135 STREET	3,490
2000000072	1084.102198	255.	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE II IN SW 147TH AVE AND SW 152ND AVE BETWEEN SW 288TH ST & SW 296TH ST	546
2000000072	1084.102139	256.	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE I IN SW 147TH AVE AND SW 157TH AVE BETWEEN SW 288TH ST & SW 297TH ST	1,511
2000000072	1084.101678	258.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	14,221
9653311	1060.102111	288.	12/16 INCH WATER MAINS IN S. MIAMI-DADE AREA E	2,532
9650141	1064.102027	305.	AUTOMATED METER READING (AMR)	1,500
9650041	1050.102106	308.	HYPOCHLORITE FEED/STORAGE AT PRESTON/HIALEAH WTP	3,567
9650041	1050.102170	309.	HIALEAH/PRESTON WTP FEEDER/MOTOR EAST & WEST CONTROL CENTER	1,500
9650041	1050.102173	310.	PRESTON WTP HS PUMP ROOM SWITCHGEAR	3,100
9650031	1051.101882	311.	4 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	236
9654031	1053.102227	312.	INSTALL OF 54-INCH WM ALONG RED ROAD (W 4TH AVE), FROM W 21ST ST TO W 53RD ST	5,663
9653311	1060.101734	313.	WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA'S	5,893



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9654061	1075.102176	314.	MONITORING WELL INSTALLATION	250
2000000072	1084.102193	315.	WATER MASTER PLAN	2,000
2000000072	1084.102243	346.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PHASE 1	3,846
9652821	1077.102021	364.	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	4,548
9650031	1051.102169	367.	A. ORR WTP PUMP ROOM FOR SOFTENER CLUSTERS 1-8 AND 11-14	356
2000000072	1084.102143	384.	REPLACE UNDERSIZED WATER MAINS DOUGHNUT HOLE	1,671
9650041	1050.102134	386.	PURCHASE OF LAKE PROPERTY ADJACENT TO NORTHWEST WELLFIELD	3,245
9650031	1051.101883	387.	ALEXANDER ORR, JR. LIME PLANT REHABILITATION	323
9650031	1051.102167	388.	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	3,789
9650031	1051.101579	389.	ORR WTP - PUMPING UNIT NO. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	4,053
9653311	1060.102196	392.	LONG TERM PARKING FOR WATER DISTRIBUTION EMPLOYEES	2,678
966620	1080.102182	393.	CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP	1,200
9654031	1053.103004	394.	REPLACEMENT OF 6,000 LF OF CORRODED 8", 12", 16" WM ALONG NE 36 CT / TURNBERRY WAY FROM WILLIAM LEHMAN	1,000
9650031	1051.102107	398.	HYPOCHLORITE FEED/STORAGE AT ORR WTP	3,322
Sub-Total				\$105,637



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
Future Series 2020 - Revenue Bonds				
9650031	1051.101577	96.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	2,521
9650031	1051.101945	158.	HIGH SERVICE PUMP AND MOTOR IMPROVEMENTS WEST ROOM - VFD	1,450
9650021	1055.102016	203.	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	379
2000000072	1084.101678	216.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	9,327
9650031	1051.102175	243.	ALEXANDER ORR WATER TESTING LABORATORY	4,453
9654061	1075.102135	247.	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	5,341
9650141	1064.102027	269.	AUTOMATED METER READING (AMR)	2,500
9650041	1050.101711	274.	HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING ON REDUNDANT 72-INCH WATER MAIN	7,500
9654031	1053.102227	276.	INSTALL OF 54-INCH WM ALONG RED ROAD (W 4TH AVE), FROM W 21ST ST TO W 53RD ST	21,745
9653311	1060.100786	277.	WATER DISTRIBUTION SYSTEM EXTENSION	300
9653311	1060.101734	278.	WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA'S	1,160
2000000072	1084.102193	279.	WATER MASTER PLAN	425
9653311	1060.102111	281.	12/16 INCH WATER MAINS IN S. MIAMI-DADE AREA E	2,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9654031	1053.102197	317.	PORT OF MIAMI WATER SUPPLY LINE	7,212
9653311	1060.102140	320.	FURNISH AND INSTALL 48-INCH WATER MAIN IN SW 117 AVE, SW 72 ST, SW 127 AVE FROM SW 68 ST. TO SW 152 ST. (AREA N)	7,010
2000000072	1084.102137	322.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	2,200
9650031	1051.101694	324.	ORR WTP - SWITCHGEAR BUILDING AND DUCT BANK W830 PHASE 1 AND PHASE 2	653
2000000072	1084.102243	325.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PHASE 1	4,164
967190	1082.102178	334.	36-INCH WATER MAIN NW 106 STREET	1,769
967190	1082.102179	335.	36-INCH WATER MAIN NW 135 STREET	4,508
9652821	1077.102021	350.	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	1,100
9650031	1051.101882	359.	4 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	74
2000000072	1084.102143	360.	REPLACE UNDERSIZED WATER MAINS DOUGHNUT HOLE	2,429
9650031	1051.101579	363.	ORR WTP - PUMPING UNIT NO. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	2,459
9650031	1051.102167	364.	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	2,254
9654031	1053.101540	370.	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	2,000
9653311	1060.102196	371.	LONG TERM PARKING FOR WATER DISTRIBUTION EMPLOYEES	2,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
966620	1080.102182	372.	CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP	1,000
2000000072	1084.102139	373.	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE I IN SW 147TH AVE AND SW 157TH AVE BETWEEN SW 288TH ST & SW 297TH ST	2,500
9654031	1053.103004	376.	REPLACEMENT OF 6,000 LF OF CORRODED 8", 12", 16" WM ALONG NE 36 CT / TURNBERRY WAY FROM WILLIAM LEHMAN	1,000
9650041	1050.102106	381.	HYPOCHLORITE FEED/STORAGE AT PRESTON/HIALEAH WTP	1,519
Sub-Total				\$104,951
Future Series 2021 - Revenue Bonds				
9650041	1050.102171	75.	HIALEAH/PRESTON WTP TRANSFORMER	489
9654041	1054.101441	82.	54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)	254
9650031	1051.101945	121.	HIGH SERVICE PUMP AND MOTOR IMPROVEMENTS WEST ROOM - VFD	3,550
9650031	1051.101577	218.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	2,790
9650141	1064.102027	244.	AUTOMATED METER READING (AMR)	3,500
9654031	1053.102227	253.	INSTALL OF 54-INCH WM ALONG RED ROAD (W 4TH AVE), FROM W 21ST ST TO W 53RD ST	12,000
9653311	1060.101734	254.	WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA'S	4,035
9650021	1055.102016	256.	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	3,735



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650161	1066.101714	284.	SECURITY PROJECTS	229
9653311	1060.102140	297.	FURNISH AND INSTALL 48-INCH WATER MAIN IN SW 117 AVE, SW 72 ST, SW 127 AVE FROM SW 68 ST. TO SW 152 ST. (AREA N)	8,500
9654061	1075.102135	298.	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	7,500
2000000072	1084.102137	299.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	6,118
2000000072	1084.102142	300.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	7,193
2000000072	1084.102243	301.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PHASE 1	7,676
9652821	1077.102021	310.	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	1,075
2000000072	1084.101678	312.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	4,750
9650031	1051.101882	339.	4 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	74
9650031	1051.102175	340.	ALEXANDER ORR WATER TESTING LABORATORY	3,128
9650031	1051.101579	344.	ORR WTP - PUMPING UNIT NO. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	2,459
9650041	1050.101711	356.	HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING ON REDUNDANT 72-INCH WATER MAIN	1,425
966620	1080.102182	357.	CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP	800



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
967190	1082.102179	358.	36-INCH WATER MAIN NW 135 STREET	3,750
2000000072	1084.102143	359.	REPLACE UNDERSIZED WATER MAINS DOUGHNUT HOLE	7,500
9654031	1053.103004	360.	REPLACEMENT OF 6,000 LF OF CORRODED 8", 12", 16" WM ALONG NE 36 CT / TURNBERRY WAY FROM WILLIAM LEHMAN	364
Sub-Total				\$92,896
Future Series 2022 - Revenue Bonds				
9650041	1050.102171	3.	HIALEAH/PRESTON WTP TRANSFORMER	1,011
9650031	1051.101945	5.	HIGH SERVICE PUMP AND MOTOR IMPROVEMENTS WEST ROOM - VFD	1,000
9654041	1054.101441	10.	54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)	700
9650031	1051.101577	120.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	10,819
9650141	1064.102027	152.	AUTOMATED METER READING (AMR)	3,500
9653311	1060.101734	168.	WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA'S	4,297
9650021	1055.102016	169.	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	149
9650161	1066.101714	193.	SECURITY PROJECTS	1,000
2000000072	1084.102243	213.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PHASE 1	20,814
9652821	1077.102021	239.	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	1,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

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FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650031	1051.101882	248.	4 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	3,007
9654031	1053.102116	249.	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	8
2000000072	1084.101678	252.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	2,250
9654031	1053.102227	268.	INSTALL OF 54-INCH WM ALONG RED ROAD (W 4TH AVE), FROM W 21ST ST TO W 53RD ST	1,723
9653311	1060.102140	269.	FURNISH AND INSTALL 48-INCH WATER MAIN IN SW 117 AVE, SW 72 ST, SW 127 AVE FROM SW 68 ST. TO SW 152 ST. (AREA N)	6,500
967190	1082.102179	270.	36-INCH WATER MAIN NW 135 STREET	2,350
2000000072	1084.102137	271.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	4,400
2000000072	1084.102142	272.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	6,500
9654061	1075.102135	273.	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	6,794
			Sub-Total	\$77,821
			Future Series 2023 - Revenue Bonds	
9650031	1051.101577	3.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	24,903
9650141	1064.102027	10.	AUTOMATED METER READING (AMR)	3,500
9650161	1066.101714	159.	SECURITY PROJECTS	1,000



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FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000072	1084.102144	182.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	1,000
2000000072	1084.102243	183.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PHASE 1	19,108
9654041	1054.101441	190.	54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)	1,000
9652821	1077.102021	208.	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	1,000
9654031	1053.102116	217.	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	551
9653311	1060.102140	235.	FURNISH AND INSTALL 48-INCH WATER MAIN IN SW 117 AVE, SW 72 ST, SW 127 AVE FROM SW 68 ST. TO SW 152 ST. (AREA N)	5,500
2000000072	1084.102142	237.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	5,400
9654061	1075.102135	238.	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	3,000
			Sub-Total	\$65,962
			Future Series 2024 - Revenue Bonds	
9650031	1051.101577	1.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	22,938
9654041	1054.101441	2.	54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)	4,220
9650161	1066.101714	9.	SECURITY PROJECTS	545



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9652821	1077.102021	12.	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	10,300
2000000072	1084.102144	15.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	1,000
2000000072	1084.102243	16.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PHASE 1	15,000
9654031	1053.102116	17.	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	386
9653311	1060.102140	86.	FURNISH AND INSTALL 48-INCH WATER MAIN IN SW 117 AVE, SW 72 ST, SW 127 AVE FROM SW 68 ST. TO SW 152 ST. (AREA N)	4,500
2000000072	1084.102142	87.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	1,096
9654061	1075.102135	90.	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	1,000
9650141	1064.102027	93.	AUTOMATED METER READING (AMR)	3,500
			Sub-Total	\$64,485
			Future Series - Revenue Bonds	
9654041	1054.101441	340.	54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)	4,271
2000000072	1084.102144	565.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	2,000
9650141	1064.102027	606.	AUTOMATED METER READING (AMR)	102,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000072	1084.102243	607.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PHASE 1	23,101
9654061	1075.101891	647.	NEW NWWF HIGH SERVICE PUMP STATION	43,250
9650271	1059.101505	653.	SOUTH MAINTENANCE CENTER	23,327
9650271	1059.101507	661.	NORTH MAINTENANCE CENTER	10,117
9650271	1059.101888	687.	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	1,300
9650271	1059.101084	688.	MIAMI SERVICE FACILITY - (PHASE 1)	1,065
9650271	1059.101547	699.	MIAMI SERVICE FACILITY (PHASE 2)	12,211
			Sub-Total	\$222,642
			TOTAL	\$734,394