



MIAMI-DADE WATER AND SEWER DEPARTMENT
**ADOPTED FY 2016-2022 CAPITAL BUDGET AND
MULTI-YEAR CAPITAL PLAN**



**BCC APPROVED
SEPTEMBER 22, 2016**

SUMMARY EXHIBITS



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
COMBINED WATER AND WASTEWATER PROJECTS
REVENUE SUMMARY (in Thousands of Dollars)
- All Projects

Fund Description	Prior			Projections							Future	Total
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
WASD Revenue Bonds Sold	1,563	0	1,563	0	0	0	0	0	0	0	0	1,563
Renewal & Replacement Fund	230,056	80,000	310,056	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	870,056
Plant Expansion Fund	76,991	36,870	113,861	32,297	15,658	15,837	9,696	7,000	7,000	17,732	219,081	
State Revolving Loans - Water	1,413	3,039	4,451	4,426	7,309	3,000	2,500	1,160	0	0	22,846	
Fire Hydrant Fund	34,978	2,000	36,978	3,500	3,500	3,500	3,500	3,500	3,500	3,500	61,478	
General Obligation Bonds	18,326	6,869	25,195	9,847	19,538	25,372	16,324	18,398	28,200	29,098	171,972	
Special Construction Fund	56,168	1,300	57,468	595	1,000	1,000	1,000	2,000	2,000	0	65,063	
Future WASD Revenue Bonds	0	0	0	0	535,222	545,562	506,150	567,917	553,360	6,611,522	9,319,732	
Water Construction Fund	344	0	344	0	0	0	0	0	0	0	344	
State Revolving Loans - Wastewater	10,269	9,619	19,888	0	0	0	0	0	0	0	19,888	
Rock Mining Mitigation Fees	20,979	0	20,979	0	0	0	0	0	0	0	20,979	
Construction - 2010 Bonds	67,089	0	67,089	0	0	0	0	0	0	0	67,089	
Miami Springs Construction Fund	7,289	0	7,289	0	0	0	0	0	0	0	7,289	
Future Funding	0	0	0	0	0	0	0	0	0	1,529,976	1,529,976	
Construction - 2013 Bonds	242,378	0	242,378	0	0	0	0	0	0	0	242,378	
2016 Revenue Bonds Sold	0	0	0	249,610	0	0	0	0	0	0	249,610	
WASD Commercial Paper - 2015	0	400,000	400,000	0	0	0	0	0	0	0	400,000	
Total	767,841	539,698	1,307,539	380,274	662,227	674,271	619,170	679,974	674,060	8,271,827	13,269,342	

Prepared by Capital Planning and Coordination Section



**Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN**

COMBINED WATER AND WASTEWATER

EXPENDITURE SUMMARY (in Thousands of Dollars)

- All Projects

Fund Description	Prior			Projections							Total	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		
WASD Revenue Bonds Sold	1,563	0	1,563	0	0	0	0	0	0	0	0	1,563
Renewal & Replacement Fund	158,732	124,252	282,984	107,071	80,000	80,000	80,000	80,000	80,000	80,000	80,000	870,056
Plant Expansion Fund	47,526	35,963	83,488	38,382	19,981	13,042	17,090	5,697	7,000	34,400	219,081	
State Revolving Loans - Water	1,413	3,039	4,451	4,426	7,309	3,000	2,500	1,160	0	0	22,846	
Fire Hydrant Fund	32,884	3,370	36,254	3,500	3,500	3,500	3,500	3,500	3,500	4,224	61,478	
General Obligation Bonds	18,326	6,869	25,195	9,847	19,538	25,372	16,324	18,398	28,200	29,098	171,972	
Special Construction Fund	9,617	1,854	11,471	4,000	3,500	3,500	3,500	4,500	34,592	0	65,063	
Future WASD Revenue Bonds	0	0	0	0	535,222	545,562	506,150	567,917	553,360	6,611,522	9,319,732	
Water Construction Fund	344	0	344	0	0	0	0	0	0	0	344	
State Revolving Loans - Wastewater	10,269	9,619	19,888	0	0	0	0	0	0	0	19,888	
Rock Mining Mitigation Fees	13,201	0	13,201	2,539	5,239	0	0	0	0	0	20,979	
Construction - 2010 Bonds	67,089	0	67,089	0	0	0	0	0	0	0	67,089	
Miami Springs Construction Fund	1,410	806	2,216	4,271	802	0	0	0	0	0	7,289	
Future Funding	0	0	0	0	0	0	0	0	0	1,529,976	1,529,976	
Construction - 2013 Bonds	148,165	94,213	242,378	0	0	0	0	0	0	0	242,378	
2016 Revenue Bonds Sold	0	0	0	249,610	0	0	0	0	0	0	249,610	
WASD Commercial Paper - 2015	0	218,271	218,271	181,729	0	0	0	0	0	0	400,000	
Total	510,538	498,255	1,008,794	605,376	675,090	673,976	629,064	681,171	706,651	8,289,220	13,269,342	



**Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN**

WASTEWATER PROJECTS

**REVENUE SUMMARY (in Thousands of Dollars)
- All Projects**

Fund Description	Prior			Projections							Total
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	
WASD Revenue Bonds Sold	86	0	86	0	0	0	0	0	0	0	86
Wastewater Renewal & Replacement Fund	129,256	44,639	173,896	50,272	45,500	45,500	45,500	45,500	45,500	45,500	497,168
Plant Expansion Fund - Wastewater	62,503	25,661	88,164	23,475	12,069	15,837	9,696	7,000	7,000	17,732	180,972
General Obligation Bonds	7,490	4,146	11,637	6,208	16,078	22,561	13,343	17,750	28,040	28,495	144,111
Wastewater Special Construction Fund	50,080	300	50,380	0	0	0	0	0	0	0	50,380
Future WASD Revenue Bonds	0	0	0	0	389,372	371,086	365,749	379,221	360,308	5,830,581	7,696,317
State Revolving Loans - Wastewater	10,269	9,619	19,888	0	0	0	0	0	0	0	19,888
Construction - 2010 Bonds	39,623	0	39,623	0	0	0	0	0	0	0	39,623
Miami Springs Construction Fund	1,326	0	1,326	0	0	0	0	0	0	0	1,326
Future Funding	0	0	0	0	0	0	0	0	0	1,236,048	1,236,048
S Construction - 2013 Bonds	165,385	0	165,385	0	0	0	0	0	0	0	165,385
2016 Wastewater Revenue Bonds Sold	0	0	0	182,603	0	0	0	0	0	0	182,603
WASD Wastewater Commercial Paper - 2015	0	356,962	356,962	0	0	0	0	0	0	0	356,962
Total	466,019	441,328	907,347	262,557	463,018	454,984	434,288	449,471	440,848	7,158,357	10,570,869

Prepared by Capital Planning and Coordination Section

Renewal and Replacement Fund, and Plant Expansion Fund have not been projected



**Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN**

WASTEWATER PROJECTS

EXPENDITURE SUMMARY (in Thousands of Dollars)

- All Projects

Fund Description	Prior			Projections							
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total
WASD Revenue Bonds Sold	86	0	86	0	0	0	0	0	0	0	86
Wastewater Renewal & Replacement Fund	90,894	71,132	162,027	62,141	45,500	45,500	45,500	45,500	45,500	45,500	497,168
Plant Expansion Fund - Wastewater	45,875	28,403	74,279	18,504	10,960	13,042	17,090	5,697	7,000	34,400	180,972
General Obligation Bonds	7,490	4,146	11,637	6,208	16,078	22,561	13,343	17,750	28,040	28,495	144,111
Wastewater Special Construction Fund	4,989	300	5,289	2,500	2,500	2,500	2,500	2,500	32,592	0	50,380
Future WASD Revenue Bonds	0	0	0	0	389,372	371,086	365,749	379,221	360,308	5,830,581	7,696,317
State Revolving Loans - Wastewater	10,269	9,619	19,888	0	0	0	0	0	0	0	19,888
Construction - 2010 Bonds	39,623	0	39,623	0	0	0	0	0	0	0	39,623
Miami Springs Construction Fund	807	60	866	148	312	0	0	0	0	0	1,326
Future Funding	0	0	0	0	0	0	0	0	0	1,236,048	1,236,048
S Construction - 2013 Bonds	127,754	37,631	165,385	0	0	0	0	0	0	0	165,385
2016 Wastewater Revenue Bonds Sold	0	0	0	182,603	0	0	0	0	0	0	182,603
WASD Wastewater Commercial Paper - 2015	0	217,133	217,133	139,829	0	0	0	0	0	0	356,962
Total	327,787	368,425	696,212	411,931	464,721	454,689	444,182	450,668	473,440	7,175,025	10,570,869

Prepared by Capital Planning and Coordination Section

Renewal and Replacement Fund, and Plant Expansion Fund have not been projected



**Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN**

WATER PROJECTS

**REVENUE SUMMARY (in Thousands of Dollars)
- All Projects**

Fund Description	Prior			Projections							Total
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	
WASD Revenue Bonds Sold	1,478	0	1,478	0	0	0	0	0	0	0	1,478
Water Renewal & Replacement Fund	100,799	35,361	136,160	29,728	34,500	34,500	34,500	34,500	34,500	34,500	372,888
Plant Expansion Fund - Water	14,488	11,209	25,697	8,822	3,590	0	0	0	0	0	38,108
State Revolving Loans - Water	1,413	3,039	4,451	4,426	7,309	3,000	2,500	1,160	0	0	22,846
Fire Hydrant Fund	34,978	2,000	36,978	3,500	3,500	3,500	3,500	3,500	3,500	3,500	61,478
General Obligation Bonds	10,836	2,723	13,559	3,639	3,461	2,811	2,981	647	160	602	27,860
Water Special Construction Fund	6,087	1,000	7,087	595	1,000	1,000	1,000	2,000	2,000	0	14,683
Future WASD Revenue Bonds	0	0	0	0	145,850	174,476	140,401	188,696	193,051	780,941	1,623,415
Water Construction Fund	344	0	344	0	0	0	0	0	0	0	344
Rock Mining Mitigation Fees	20,979	0	20,979	0	0	0	0	0	0	0	20,979
Construction - 2010 Bonds	27,466	0	27,466	0	0	0	0	0	0	0	27,466
Miami Springs Construction Fund	5,963	0	5,963	0	0	0	0	0	0	0	5,963
Future Funding	0	0	0	0	0	0	0	0	0	293,928	293,928
W Construction - 2013 Bonds	76,993	0	76,993	0	0	0	0	0	0	0	76,993
2016 Water Revenue Bonds Sold	0	0	0	67,007	0	0	0	0	0	0	67,007
WASD Water Commercial Paper - 2015	0	43,038	43,038	0	0	0	0	0	0	0	43,038
Total	301,822	98,370	400,192	117,717	199,210	219,288	184,882	230,503	233,211	1,113,471	2,698,473

Prepared by Capital Planning and Coordination Section

Renewal and Replacement Fund, and Plant Expansion Fund have not been projected



**Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN**

WATER PROJECTS

**EXPENDITURE SUMMARY (in Thousands of Dollars)
- All Projects**

Fund Description	Prior			Projections							
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total
WASD Revenue Bonds Sold	1,478	0	1,478	0	0	0	0	0	0	0	1,478
Water Renewal & Replacement Fund	67,838	53,120	120,958	44,931	34,500	34,500	34,500	34,500	34,500	34,500	372,888
Plant Expansion Fund - Water	1,650	7,559	9,210	19,878	9,020	0	0	0	0	0	38,108
State Revolving Loans - Water	1,413	3,039	4,451	4,426	7,309	3,000	2,500	1,160	0	0	22,846
Fire Hydrant Fund	32,884	3,370	36,254	3,500	3,500	3,500	3,500	3,500	3,500	4,224	61,478
General Obligation Bonds	10,836	2,723	13,559	3,639	3,461	2,811	2,981	647	160	602	27,860
Water Special Construction Fund	4,629	1,554	6,183	1,500	1,000	1,000	1,000	2,000	2,000	0	14,683
Future WASD Revenue Bonds	0	0	0	0	145,850	174,476	140,401	188,696	193,051	780,941	1,623,415
Water Construction Fund	344	0	344	0	0	0	0	0	0	0	344
Rock Mining Mitigation Fees	13,201	0	13,201	2,539	5,239	0	0	0	0	0	20,979
Construction - 2010 Bonds	27,466	0	27,466	0	0	0	0	0	0	0	27,466
Miami Springs Construction Fund	603	746	1,349	4,123	491	0	0	0	0	0	5,963
Future Funding	0	0	0	0	0	0	0	0	0	293,928	293,928
W Construction - 2013 Bonds	20,412	56,581	76,993	0	0	0	0	0	0	0	76,993
2016 Water Revenue Bonds Sold	0	0	0	67,007	0	0	0	0	0	0	67,007
WASD Water Commercial Paper - 2015	0	1,138	1,138	41,900	0	0	0	0	0	0	43,038
Total	182,751	129,830	312,581	193,444	210,369	219,288	184,882	230,503	233,211	1,114,195	2,698,473

Prepared by Capital Planning and Coordination Section

Renewal and Replacement Fund, and Plant Expansion Fund have not been projected

OMB REPORTS

FY 2016 - 17 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 disposal services, safeguarding public health and the environment, while planning for future growth, implementing water conservation measures, and providing for process improvements and cost efficiencies.

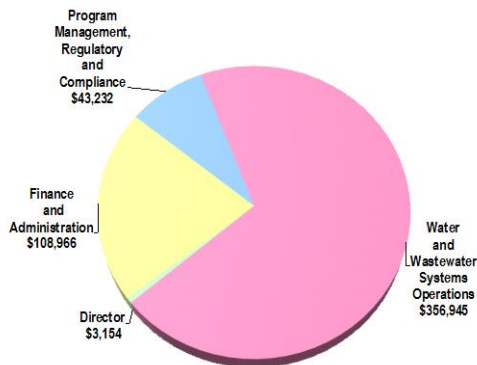
As part of the Neighborhood and Infrastructure strategic area, the Department's main functions are water production and distribution, as well as wastewater collection, treatment, reuse, and disposal. WASD operates three regional and five local water treatment plants, with a total permitted capacity of 464 million gallons per day (MGD), and three regional wastewater treatment plants with a total permitted capacity of 376 MGD. Additionally, WASD operates and maintains 94 water supply wells (grouped into 14 wellfields) in the Biscayne Aquifer; five aquifer storage and recovery wells in the Floridian Aquifer; more than 1,000 sewer pump stations; more than 8,200 miles of water distribution mains; and nearly 6,300 miles of wastewater mains and lateral collection pipes. The Department implements water conservation measures, provides high quality drinking water, and plans and improves infrastructure for future growth.

The Department delivers water and sewer services to most residents and businesses within Miami-Dade County, serving approximately 437,000 water and 354,000 wastewater retail customers as of September 30, 2015. Additionally, service is provided to 15 wholesale (municipal) water customers and to 13 wholesale (12 municipal and the Homestead Air Reserve Base) wastewater customers within Miami-Dade County on a daily basis. The total combined population served at the retail and wholesale level is about 2.3 million residents. In providing these services, the Department interacts with and is regulated by the United States Environmental Protection Agency, the Florida Department of Environmental Protection, the Miami-Dade County Health Department, the South Florida Water Management District, and the Regulatory and Economic Resources Department (RER).

FY 2016-17 Adopted Budget

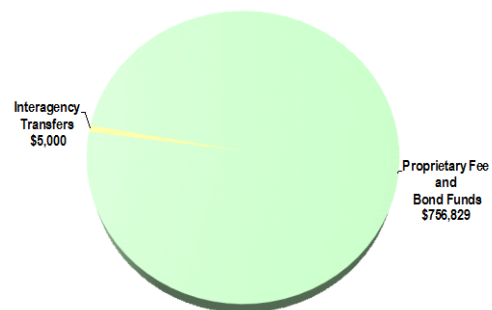
Expenditures by Activity

(dollars in thousands)



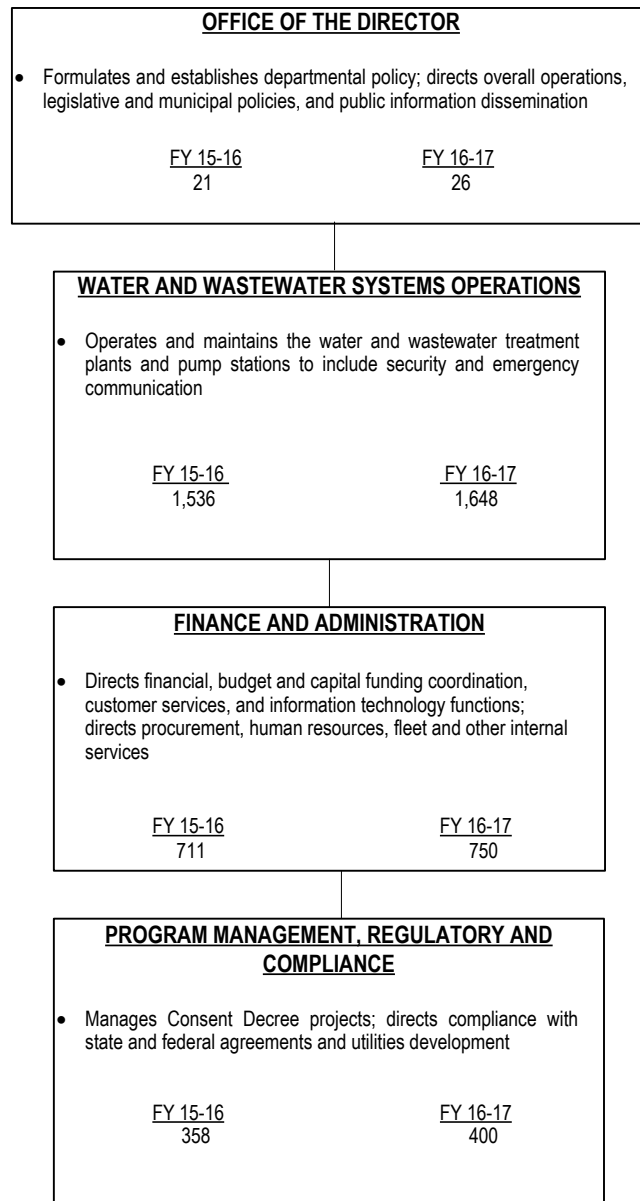
Revenues by Source

(dollars in thousands)



FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

TABLE OF ORGANIZATION



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

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

FINANCIAL SUMMARY

(dollars in thousands)	Actual FY 13-14	Actual FY 14-15	Budget FY 15-16	Adopted FY 16-17
Revenue Summary				
Carryover	57,383	59,430	63,834	68,551
Miscellaneous Non-Operating	1,593	1,475	1,574	1,502
Other Revenues	28,022	28,305	28,072	27,980
Retail Wastewater	245,167	252,737	270,375	283,752
Retail Water	219,890	233,464	242,715	263,203
Transfer From Other Funds	0	5,000	23,685	0
Wholesale Wastewater	56,956	61,802	72,198	72,527
Wholesale Water	28,815	37,008	24,169	35,881
Loan Repayments	5,000	5,000	5,000	5,000
Total Revenues	642,826	684,221	731,622	758,396
Operating Expenditures Summary				
Salary	151,606	162,569	159,851	170,419
Fringe Benefits	42,901	51,008	52,835	61,598
Contractual Services	68,059	75,619	95,264	99,173
Other Operating	46,036	39,513	52,386	47,240
Charges for County Services	41,241	47,147	50,416	51,398
Capital	65,362	72,648	82,222	82,469
Total Operating Expenditures	415,205	448,504	492,974	512,297
Non-Operating Expenditures Summary				
Transfers	13,236	0	0	1,175
Distribution of Funds In Trust	0	0	0	0
Debt Service	154,955	164,722	170,097	173,286
Depreciation, Amortizations and Depletion	0	0	0	0
Reserve	0	0	68,551	71,638
Total Non-Operating Expenditures	168,191	164,722	238,648	246,099

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

SELECTED ITEM HIGHLIGHTS AND DETAILS

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

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

DIVISION: DIRECTOR

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

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

DIVISION COMMENTS

- The FY 2016-17 Proposed Budget includes payments to the Audit and Management Services Department for expenses associated with audits and reviews (\$500,000)
- In FY 2016-17, the bill of the average retail water and sewer customer (6,750 gallons per month) will increase by eight percent, from \$51.11 to \$55.20, or by approximately \$4.09, per month; future adjustments will be needed based on debt service obligations and operating requirements
- Effective October 1, 2016, the wholesale wastewater rate will increase from \$2.7879 to \$2.9477 or by \$0.1598 per thousand gallons; the water wholesale rate will remain at \$1.7341 per thousand gallons; wholesale customers' bills include a true-up adjustment to recover actual cost for FY 2014-15
- The FY 2016-17 Proposed Budget includes a Memorandum of Understanding with the Office of the Inspector General to perform specialized audits as required (\$100,000)
- The FY 2016-17 Proposed Budget includes funding to the Miami-Dade Fire Rescue Department (MDFR) for fire hydrant maintenance (\$1 million)
- In FY 2016-17, the Department will continue an on-going reorganizational review to streamline management and business practices and the Proposed Budget includes funding to the Office of Management and Budget (OMB) for consulting services to fund organizational reviews/studies (\$192,000)
- The Department is currently working on an advertising campaign that includes the Department's branding for community recognition and to inform the citizens on water and wastewater services and the Multi-Year Capital Improvements Plan

DIVISION: WATER AND WASTEWATER SYSTEMS OPERATIONS

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

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

Strategic Objectives - Measures

- GG1-1: Provide easy access to information and services

Objectives	Measures			FY 13-14	FY 14-15	FY 15-16	FY 15-16	FY 16-17
				Actual	Actual	Budget	Actual	Target
Maintain high level of responsiveness to customer service requests	Percentage of non-emergency requests dispatched in less than three business days	OC	↑	99%	98%	98%	98%	99%

- NI2-1: Provide adequate potable water supply and wastewater disposal

Objectives	Measures	FY 13-14	FY 14-15	FY 15-16	FY 15-16	FY 16-17
------------	----------	----------	----------	----------	----------	----------

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

				Actual	Actual	Budget	Actual	Target
Ensure compliance with 20-year Water Use Permit with the South Florida Water Management District	Estimated gallons of water saved per day (GPD) through the Water Use Efficiency Program (in thousands)	OC	↑	1,181	1,782	1,124	1,124	1,124

Objectives	Measures			FY 13-14	FY 14-15	FY 15-16	FY 15-16	FY 16-17
				Actual	Actual	Budget	Actual	Target
Fully comply with drinking water standards	Percentage compliance with drinking water standards	OC	↑	100%	100%	100%	100%	100%

Objectives	Measures			FY 13-14	FY 14-15	FY 15-16	FY 15-16	FY 16-17
				Actual	Actual	Budget	Actual	Target
Reduce response time to sanitary sewer overflows	Average time to respond to sewage overflows (in minutes)	EF	↓	45	39	60	45	45

Objectives	Measures			FY 13-14	FY 14-15	FY 15-16	FY 15-16	FY 16-17
				Actual	Actual	Budget	Actual	Target
Ensure proper maintenance and operation of the sewage system	Percentage compliance with wastewater effluent limits*	OC	↑	97%	67%	100%	90%	100%
	Percentage of pumps in service	EF	↑	97%	97%	99%	98%	99%
	Wastewater mainline valves exercised	OP	↔	6,135	6,167	6,000	6,000	6,000

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

DIVISION COMMENTS

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

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

DIVISION: FINANCE AND ADMINISTRATION

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

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

Strategic Objectives - Measures

- GG1-1: Provide easy access to information and services

Objectives	Measures			FY 13-14	FY 14-15	FY 15-16	FY 15-16	FY 16-17
				Actual	Actual	Budget	Actual	Target
Provide information to customers in a timely manner	Average call wait time (in minutes)*	EF	↓	9	8	3	6	5
	Percentage of calls answered within two minutes (monthly)*	OC	↑	29%	41%	80%	50%	50%

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

- GG2-2: Develop and retain excellent employees and leaders

Objectives	Measures			FY 13-14	FY 14-15	FY 15-16	FY 15-16	FY 16-17
				Actual	Actual	Budget	Actual	Target
Workforce skills to support County priorities	Training hours per employee	OP	↔	7	11	12	12	15

- GG4-1: Provide sound financial and risk management

Objectives	Measures			FY 13-14	FY 14-15	FY 15-16	FY 15-16	FY 16-17
				Actual	Actual	Budget	Actual	Target
Ensure sound asset management and financial investment strategies	Bond rating evaluation by Fitch	OC	↑	A+	A+	A+	A+	A+
	Bond rating evaluation by Standard and Poor's	OC	↑	A+	A+	A+	A+	A+
	Bond rating evaluation by Moody's	OC	↑	Aa3	Aa3	Aa3	Aa3	Aa3

DIVISION COMMENTS

- The FY 2016-17 Proposed Budget includes payments to the Finance Department for expenses associated with cash management services (\$50,000) and for expenses associated with credit and collection services (payments are based on a percentage of collected revenue)
- The FY 2016-17 Proposed Budget includes two Customer Service Representative positions to help meet the demands of customers and improve call wait time
- The FY 2016-17 Proposed Budget includes one additional position in Human Resources to improve the hiring process in the Department and 23 positions that provide support in the procurement, heavy-equipment fleet, maintenance, and accountability functions that have increased workload from the Capacity, Management, and Operational and Maintenance Reports submitted to the EPA

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

- The FY 2015-16 year end combined fund balance is projected to be \$69.6 million in rate stabilization and general reserve funds; in FY2016-17, the Department will also be funding an additional reserve of \$12.8 million in order to strengthen bonding capacity and meet additional bonds test necessary to issue debt to support the Department's \$13 billion capital program; a combined balance of \$87.8 million is projected between these reserves, and the Department will have a year-end fund balance of \$71.6 million in the operating budget as required for bond ordinances
- In the FY 2016-17 Proposed Budget, the Department will continue its Service Level Agreement with the Communications Department for initial customer call triage to improve customer service and reduce call wait times (\$1.4 million)

DIVISION: PROGRAM MANAGEMENT, REGULATORY AND COMPLIANCE

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

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

Strategic Objectives - Measures

- NI2-1: Provide adequate potable water supply and wastewater disposal

Objectives	Measures			FY 13-14	FY 14-15	FY 15-16	FY 15-16	FY 16-17
				Actual	Actual	Budget	Actual	Target
Ensure compliance with 20-year Water Use Permit with the South Florida Water Management District	Percent compliance with 20-Year Water Use Permit (WUP) as scheduled	OC	↑	100%	100%	98%	100%	100%

Objectives	Measures			FY 13-14	FY 14-15	FY 15-16	FY 15-16	FY 16-17
				Actual	Actual	Budget	Actual	Target
Ensure compliance with Comprehensive Development of Master Plan	Percentage of Comprehensive Development Master Plan comments submitted timely	EF	↑	100%	100%	98%	100%	100%
	Percentage of Development Impact Committee comments provided timely	EF	↑	100%	100%	98%	100%	100%

Objectives	Measures			FY 13-14	FY 14-15	FY 15-16	FY 15-16	FY 16-17
				Actual	Actual	Budget	Actual	Target
Ensure proper maintenance and operation of the sewage system	Percentage of Consent Decree Wastewater Projects on Schedule	OC	↑	100%	100%	100%	100%	100%
	Percentage of Ocean Outfall Legislation projects on schedule*	OC	↑	N/A	100%	100%	100%	100%

* This measure began being tracked in FY 2014-15

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

DIVISION COMMENTS

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

ADDITIONAL INFORMATION

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

Department Operational Unmet Needs

Description	(dollars in thousands)		Positions
	Startup Costs/ Non Recurring Costs	Recurring Costs	
Fund 12 positions in the Wastewater Treatment and Maintenance Division needed to accommodate the vast amount of additional work required for the consent decree and related work in a timely manner and establish a Tank Cleaning Crew at the SDWWTP.	\$0	\$740	12
Fund 14 positions in the Wastewater Treatment and Maintenance Division needed to maintain accommodate the new HLD at SDWWTP and the vast amount of additional work required for the Consent Decree and related work in a timely manner.	\$0	\$1,080	14
Fund 11 positions in the Wastewater Treatment and Maintenance Division Needed to establish a Tank Cleaning Crew at CDWWTP and assure complete coverage of the Sludge Dewatering Building.	\$0	\$566	11
Fund 18 positions in the Wastewater Treatment and Maintenance Division Needed to maintain and install new equipment at CDWWTP and accommodate the vast amount of additional work required for the Consent Decree and related work in a timely manner.	\$0	\$1,360	18
Fund eight (8) positions in the Wastewater Treatment and Maintenance Division Needed to properly Maintain the structures of the Treatment Vessels in the 3 Regional Wastewater Treatment Plants and 2 Regional Master Pumping Stations at NDWWT and accommodate the vast amount of additional work required for the Consent Decree and related work in a timely manner.	\$0	\$591	8

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

Fund nine (9) positions in the Wastewater Treatment and Maintenance Division Needed to establish a Tank Cleaning Crew at the NDWWTP - staff required for Oxygen Plant assignment and to accommodate the vast amount of additional work required for the Consent Decree and related work in a timely manner.	\$0	\$656	9
Fund six (6) positions in the Wastewater Treatment and Maintenance Division Needed for monitoring, controlling and adjusting of wastewater treatment equipment within the treatment plant.	\$0	\$450	6
Fund two (2) position in the Wastewater Treatment and Maintenance Division Needed to develop and administer training programs.	\$0	\$161	2
Fund 10 positions in the Wastewater Collection and Transmission Line Division Needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARF). South	\$0	\$547	10
Fund six (6) positions in the Wastewater Collection and Transmission Line Division needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARF). North	\$0	\$325	6
Fund six (6) positions in the Wastewater Collection and Transmission Line Division needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARF). Central	\$0	\$325	6
Fund 13 positions in the Wastewater Collection and Transmission Line Division Needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARF).	\$0	\$717	13
Fund two (2) positions in the Wastewater Collection and Transmission Line Division Needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARF).	\$0	\$152	2
Fund six (6) positions in the Wastewater Collection and Transmission Line Division needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARF).	\$0	\$312	6
Fund six (6) positions in the Wastewater Collection and Transmission Line Division needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARF).	\$0	\$312	6
Fund two (2) positions in the Wastewater Collection and Transmission Line Division needed to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP), the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARF).	\$0	\$141	2
Total	\$0	\$8,435	131

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

CAPITAL BUDGET SUMMARY

(dollars in thousands)	PRIOR	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FUTURE	TOTAL
Revenue									
BBC GOB Financing	10,204	9,846	19,538	25,373	16,325	18,397	28,200	29,098	156,981
State Revolving Loan Wastewater Program	19,888	0	0	0	0	0	0	0	19,888
WASD Revenue Bonds Sold	311,028	0	0	0	0	0	0	0	311,028
Rock Mining Mitigation Fees	20,979	0	0	0	0	0	0	0	20,979
BBC GOB Series 2005A	2,399	0	0	0	0	0	0	0	2,399
BBC GOB Series 2011A	2,606	0	0	0	0	0	0	0	2,606
WASD Future Funding	0	0	0	0	0	0	0	1,529,974	1,529,974
State Revolving Loan Water Program	4,452	4,426	7,309	3,000	2,500	1,159	0	0	22,846
Miami Springs Wastewater Construction	1,326	0	0	0	0	0	0	0	1,326
Fund									
Water Renewal and Replacement Fund	136,162	29,728	34,500	34,500	34,500	34,500	34,500	34,500	372,890
Wastewater Connection Charges	88,165	23,476	12,068	15,837	9,696	7,000	7,000	17,732	180,974
Wastewater Renewal Fund	173,897	50,272	45,500	45,500	45,500	45,500	45,500	45,500	497,169
Wastewater Special Construction Fund	50,380	0	0	0	0	0	0	0	50,380
Water Special Construction Fund	7,087	595	1,000	1,000	1,000	2,000	2,000	0	14,682
BBC GOB Series 2008B-1	5,259	0	0	0	0	0	0	0	5,259
Water Construction Fund	344	0	0	0	0	0	0	0	344
Water Connection Charges	25,697	8,821	3,590	0	0	0	0	0	38,108
BBC GOB Series 2014A	1,531	0	0	0	0	0	0	0	1,531
Future WASD Revenue Bonds	400,000	249,608	535,223	545,560	506,151	567,919	553,359	6,611,521	9,969,341
Fire Hydrant Fund	36,978	3,500	3,500	3,500	3,500	3,500	3,500	3,500	61,478
Miami Springs Water Construction Fund	5,963	0	0	0	0	0	0	0	5,963
BBC GOB Series 2008B	2,952	0	0	0	0	0	0	0	2,952
BBC GOB Series 2013A	246	0	0	0	0	0	0	0	246
Total:	1,307,543	380,272	662,228	674,270	619,172	679,975	674,059	8,271,825	13,269,344
Expenditures									
Strategic Area: NI									
GOB Water and Wastewater Projects	25,197	9,846	19,538	25,373	16,325	18,397	28,200	29,098	171,974
Wastewater Projects	684,574	405,726	448,646	432,126	430,838	432,921	445,401	7,146,527	10,426,759
Water Projects	299,026	189,803	206,907	216,476	181,902	229,854	233,050	1,113,593	2,670,611
Total:	1,008,797	605,375	675,091	673,975	629,065	681,172	706,651	8,289,218	13,269,344

CAPITAL HIGHLIGHTS AND OPERATIONAL IMPACTS

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

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

FUNDED CAPITAL PROJECTS

(dollars in thousands)

OUTFALL LEGISLATION

PROJECT #: 962670

DESCRIPTION: Elimination of outfall flows to the ocean
 LOCATION: Systemwide
 Various Sites

District Located: Systemwide
 District(s) Served: Systemwide



REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	41,675	11,793	44,789	52,572	63,206	72,848	107,726	3,255,334	3,649,943
State Revolving Loan Wastewater Program	19,888	0	0	0	0	0	0	0	19,888
WASD Revenue Bonds Sold	18,525	0	0	0	0	0	0	0	18,525
Wastewater Connection Charges	6,049	0	0	0	0	0	0	0	6,049
TOTAL REVENUES:	86,137	11,793	44,789	52,572	63,206	72,848	107,726	3,255,334	3,694,405
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	59,113	38,817	44,789	52,572	63,206	72,848	107,726	3,255,334	3,694,405
TOTAL EXPENDITURES:	59,113	38,817	44,789	52,572	63,206	72,848	107,726	3,255,334	3,694,405

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

SYSTEM IMPROVEMENTS PROJECT - GENERAL OBLIGATION BONDS (GOB)

PROJECT #: 962830

DESCRIPTION: Replace undersized water mains and install new fire hydrants
 LOCATION: Various Sites
 Various Sites

District Located: Systemwide
 District(s) Served: Systemwide



REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
BBC GOB Financing	2,279	2,164	865	795	1,197	734	0	1,205	9,239
BBC GOB Series 2005A	709	0	0	0	0	0	0	0	709
BBC GOB Series 2008B	1,018	0	0	0	0	0	0	0	1,018
BBC GOB Series 2008B-1	2,222	0	0	0	0	0	0	0	2,222
BBC GOB Series 2011A	2,598	0	0	0	0	0	0	0	2,598
BBC GOB Series 2013A	221	0	0	0	0	0	0	0	221
BBC GOB Series 2014A	1,263	0	0	0	0	0	0	0	1,263
TOTAL REVENUES:	10,310	2,164	865	795	1,197	734	0	1,205	17,270
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	8,920	2,164	865	795	1,197	734	0	1,205	15,880
Permitting	100	0	0	0	0	0	0	0	100
Planning and Design	1,140	0	0	0	0	0	0	0	1,140
Project Administration	150	0	0	0	0	0	0	0	150
TOTAL EXPENDITURES:	10,310	2,164	865	795	1,197	734	0	1,205	17,270

AUTOMATION OF WATER TREATMENT PLANTS

PROJECT #: 963110

DESCRIPTION: Construct facilities and install equipment to automate functions at water treatment plants
 LOCATION: Systemwide
 Various Sites

District Located: Systemwide
 District(s) Served: Systemwide



FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	0	330	0	0	0	0	0	0	330
WASD Revenue Bonds Sold	1,916	0	0	0	0	0	0	0	1,916
TOTAL REVENUES:	1,916	330	0	0	0	0	0	0	2,246
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	1,916	330	0	0	0	0	0	0	2,246
TOTAL EXPENDITURES:	1,916	330	0	0	0	0	0	0	2,246

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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	123,944	59,544	111,162	96,624	93,374	91,218	101,119	939,289	1,616,274
WASD Revenue Bonds Sold	48,676	0	0	0	0	0	0	0	48,676
Wastewater Renewal Fund	17,619	0	0	0	0	0	0	0	17,619
TOTAL REVENUES:	190,239	59,544	111,162	96,624	93,374	91,218	101,119	939,289	1,682,569
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	124,414	102,889	101,158	87,928	84,970	83,008	92,019	854,753	1,531,139
Major Machinery and Equipment	2,734	2,261	2,223	1,932	1,868	1,825	2,022	18,786	33,651
Planning and Design	9,570	7,915	7,781	6,764	6,536	6,385	7,078	65,750	117,779
TOTAL EXPENDITURES:	136,718	113,065	111,162	96,624	93,374	91,218	101,119	939,289	1,682,569

Estimated Annual Operating Impact will begin in FY 2018-19 in the amount of \$50,000,000

NEEDS ASSESSMENTS PROJECTS - GENERAL OBLIGATION BONDS (GOB)

PROJECT #: 964350

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



REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
BBC GOB Financing	1,857	1,845	2,630	2,555	2,446	350	200	0	11,883
BBC GOB Series 2005A	1,686	0	0	0	0	0	0	0	1,686
BBC GOB Series 2008B	1,504	0	0	0	0	0	0	0	1,504
BBC GOB Series 2008B-1	2,288	0	0	0	0	0	0	0	2,288
BBC GOB Series 2013A	25	0	0	0	0	0	0	0	25
BBC GOB Series 2014A	259	0	0	0	0	0	0	0	259
TOTAL REVENUES:	7,619	1,845	2,630	2,555	2,446	350	200	0	17,645
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	5,405	1,845	2,630	2,555	2,446	350	200	0	15,431
Permitting	179	0	0	0	0	0	0	0	179
Planning and Design	2,035	0	0	0	0	0	0	0	2,035
TOTAL EXPENDITURES:	7,619	1,845	2,630	2,555	2,446	350	200	0	17,645

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	16,334	19,307	38,890	23,678	15,000	7,184	1,000	0	121,393
WASD Revenue Bonds Sold	8,513	0	0	0	0	0	0	0	8,513
Wastewater Connection Charges	1,006	0	0	0	0	0	0	0	1,006
TOTAL REVENUES:	25,853	19,307	38,890	23,678	15,000	7,184	1,000	0	130,912
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	19,850	21,697	35,779	21,784	13,800	6,609	920	0	120,439
Planning and Design	1,725	1,888	3,111	1,894	1,200	575	80	0	10,473
TOTAL EXPENDITURES:	21,575	23,585	38,890	23,678	15,000	7,184	1,000	0	130,912

Estimated Annual Operating Impact will begin in FY 2019-20 in the amount of \$1,200,000

MIAMI SPRINGS CONSTRUCTION FUND - WATER

PROJECT #: 965450

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

REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Miami Springs Water Construction Fund	5,963	0	0	0	0	0	0	0	5,963
TOTAL REVENUES:	5,963	0	0	0	0	0	0	0	5,963
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	1,147	3,505	417	0	0	0	0	0	5,069
Planning and Design	202	619	73	0	0	0	0	0	894
TOTAL EXPENDITURES:	1,349	4,124	490	0	0	0	0	0	5,963

NW 37 AVE INDUSTRIAL DEVELOPMENT AREA - GENERAL OBLIGATION BONDS (GOB)

PROJECT #: 965520

DESCRIPTION: Replace water and sewer mains in the NW 37 Ave Industrial Development Area
 LOCATION: NW 37 Ave and NW 36 St District Located: 2
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
BBC GOB Financing	3,985	2,162	1,848	740	853	0	0	0	9,588
BBC GOB Series 2005A	4	0	0	0	0	0	0	0	4
BBC GOB Series 2008B	430	0	0	0	0	0	0	0	430
BBC GOB Series 2008B-1	190	0	0	0	0	0	0	0	190
BBC GOB Series 2014A	9	0	0	0	0	0	0	0	9
TOTAL REVENUES:	4,618	2,162	1,848	740	853	0	0	0	10,221
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	3,998	2,162	1,848	740	853	0	0	0	9,601
Planning and Design	620	0	0	0	0	0	0	0	620
TOTAL EXPENDITURES:	4,618	2,162	1,848	740	853	0	0	0	10,221

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

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

SOUTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

PROJECT #: 9650021

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

LOCATION: South Miami-Dade County
Various Sites

District Located: Systemwide
District(s) Served: Systemwide



REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	0	258	751	4,782	851	2,492	8,738	978	18,850
TOTAL REVENUES:	0	258	751	4,782	851	2,492	8,738	978	18,850
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	0	214	623	3,969	706	2,068	7,253	812	15,645
Planning and Design	0	44	128	813	145	424	1,485	166	3,205
TOTAL EXPENDITURES:	0	258	751	4,782	851	2,492	8,738	978	18,850

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
Unincorporated Miami-Dade County

District Located: 7
District(s) Served: Systemwide



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

WATER TREATMENT PLANT - HIALEAH/PRESTON IMPROVEMENTS

PROJECT #: 9650041

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
Hialeah

District Located: 6
District(s) Served: Systemwide



FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

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

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

WATER EQUIPMENT AND VEHICLES

PROJECT #: 9650141

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

REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	750	1,850	3,363	7,842	12,713	223,084	249,602
WASD Revenue Bonds Sold	52	0	0	0	0	0	0	0	52
Water Renewal and Replacement Fund	42,806	5,842	5,200	5,200	5,200	5,200	5,200	5,200	79,848
TOTAL REVENUES:	42,858	5,842	5,950	7,050	8,563	13,042	17,913	228,284	329,502
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Major Machinery and Equipment	35,704	12,996	5,950	7,050	8,563	13,042	17,913	228,284	329,502
TOTAL EXPENDITURES:	35,704	12,996	5,950	7,050	8,563	13,042	17,913	228,284	329,502

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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	0	5,500	4,045	5,516	0	0	0	0	15,061
WASD Revenue Bonds Sold	3,089	0	0	0	0	0	0	0	3,089
Water Renewal and Replacement Fund	12,695	0	2,500	2,500	2,500	2,500	2,500	2,500	27,695
TOTAL REVENUES:	15,784	5,500	6,545	8,016	2,500	2,500	2,500	2,500	45,845
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	13,601	7,683	6,545	8,016	2,500	2,500	2,500	2,500	45,845
TOTAL EXPENDITURES:	13,601	7,683	6,545	8,016	2,500	2,500	2,500	2,500	45,845

WATER SYSTEM 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

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
WASD Revenue Bonds Sold	6,593	0	0	0	0	0	0	0	6,593
Water Renewal and Replacement Fund	33,695	15,886	15,000	15,000	15,000	15,000	15,000	15,000	139,581
TOTAL REVENUES:	40,288	15,886	15,000	15,000	15,000	15,000	15,000	15,000	146,174
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	36,868	17,059	14,400	14,400	14,400	14,400	14,400	14,400	140,327
Planning and Design	1,536	711	600	600	600	600	600	600	5,847
TOTAL EXPENDITURES:	38,404	17,770	15,000	15,000	15,000	15,000	15,000	15,000	146,174

GRAVITY SEWER RENOVATIONS

PROJECT #: 9650201

DESCRIPTION: Rehabilitate gravity sewers to reduce infiltration and inflow

LOCATION: Systemwide
Various Sites

District Located:
District(s) Served:

Systemwide
Systemwide



REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	3,670	1,376	1,258	1,050	650	350	224	0	8,578
WASD Revenue Bonds Sold	5,153	0	0	0	0	0	0	0	5,153
TOTAL REVENUES:	8,823	1,376	1,258	1,050	650	350	224	0	13,731
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	8,381	1,307	1,195	998	618	333	213	0	13,045
Planning and Design	442	69	63	52	32	17	11	0	686
TOTAL EXPENDITURES:	8,823	1,376	1,258	1,050	650	350	224	0	13,731

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
Various Sites

District Located:
District(s) Served:

Systemwide
Systemwide



REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Wastewater Special Construction Fund	50,380	0	0	0	0	0	0	0	50,380
TOTAL REVENUES:	50,380	0	0	0	0	0	0	0	50,380
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	5,288	2,500	2,500	2,500	2,500	2,500	32,592	0	50,380
TOTAL EXPENDITURES:	5,288	2,500	2,500	2,500	2,500	2,500	32,592	0	50,380

CENTRAL MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATION IMPROVEMENTS

PROJECT #: 9650241

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



FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

City of Miami


District(s) Served:

Systemwide

REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASH Revenue Bonds	1,132	7,127	17,360	17,450	18,583	19,421	13,430	55,255	149,758
WASH Future Funding	0	0	0	0	0	0	0	828	828
WASH Revenue Bonds Sold	6,505	0	0	0	0	0	0	0	6,505
Wastewater Connection Charges	13,352	6,132	4,000	5,000	5,000	7,000	7,000	17,732	65,216
TOTAL REVENUES:	20,989	13,259	21,360	22,450	23,583	26,421	20,430	73,815	222,307
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	10,010	9,419	17,377	17,673	19,717	21,601	17,570	77,816	191,183
Planning and Design	1,629	1,533	2,830	2,877	3,210	3,517	2,860	12,668	31,124
TOTAL EXPENDITURES:	11,639	10,952	20,207	20,550	22,927	25,118	20,430	90,484	222,307

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


WATER 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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASH Revenue Bonds	0	8,520	11,759	11,192	5,637	18,040	349	0	55,497
WASH Revenue Bonds Sold	1,335	0	0	0	0	0	0	0	1,335
TOTAL REVENUES:	1,335	8,520	11,759	11,192	5,637	18,040	349	0	56,832
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	1,201	7,668	10,583	10,073	5,073	16,236	314	0	51,148
Planning and Design	134	852	1,176	1,119	564	1,804	35	0	5,684
TOTAL EXPENDITURES:	1,335	8,520	11,759	11,192	5,637	18,040	349	0	56,832


WASTEWATER EQUIPMENT AND VEHICLES

PROJECT #: 9650301 

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

REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
WASH Revenue Bonds Sold	552	0	0	0	0	0	0	0	552
Wastewater Renewal Fund	41,380	12,436	11,500	11,500	11,500	11,500	11,500	11,500	122,816
TOTAL REVENUES:	41,932	12,436	11,500	11,500	11,500	11,500	11,500	11,500	123,368
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Major Machinery and Equipment	35,875	18,493	11,500	11,500	11,500	11,500	11,500	11,500	123,368
TOTAL EXPENDITURES:	35,875	18,493	11,500	11,500	11,500	11,500	11,500	11,500	123,368

WASTEWATER SYSTEM MAINTENANCE AND UPGRADES

PROJECT #: 9650361 

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
WASD Revenue Bonds Sold	3,188	0	0	0	0	0	0	0	3,188
Wastewater Renewal Fund	38,387	18,428	20,000	20,000	20,000	20,000	20,000	20,000	176,815
TOTAL REVENUES:	41,575	18,428	20,000	20,000	20,000	20,000	20,000	20,000	180,003
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	41,575	18,428	20,000	20,000	20,000	20,000	20,000	20,000	180,003
TOTAL EXPENDITURES:	41,575	18,428	20,000	20,000	20,000	20,000	20,000	20,000	180,003

LIFT STATION UPGRADES AND STRUCTURAL MAINTENANCE IMPROVEMENTS

PROJECT #: 9650371 

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

REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	650	2,500	3,058	4,500	4,049	4,500	4,172	29,000	52,429
WASD Revenue Bonds Sold	2,009	0	0	0	0	0	0	0	2,009
Wastewater Renewal Fund	6,344	0	2,000	2,000	2,000	2,000	2,000	2,000	18,344
TOTAL REVENUES:	9,003	2,500	5,058	6,500	6,049	6,500	6,172	31,000	72,782
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	6,798	1,946	3,844	4,940	4,597	4,940	4,690	23,560	55,315
Land Acquisition/Improvements	1,251	358	708	910	847	910	864	4,340	10,188
Planning and Design	894	256	506	650	605	650	618	3,100	7,279
TOTAL EXPENDITURES:	8,943	2,560	5,058	6,500	6,049	6,500	6,172	31,000	72,782

Estimated Annual Operating Impact will begin in FY 2018-19 in the amount of \$5,000,000

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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Water Special Construction Fund	7,087	595	1,000	1,000	1,000	2,000	2,000	0	14,682
TOTAL REVENUES:	7,087	595	1,000	1,000	1,000	2,000	2,000	0	14,682
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	6,182	1,500	1,000	1,000	1,000	2,000	2,000	0	14,682
TOTAL EXPENDITURES:	6,182	1,500	1,000	1,000	1,000	2,000	2,000	0	14,682

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	1,962	8,212	18,269	23,917	28,324	23,162	17,911	160,934	282,691
WASD Future Funding	0	0	0	0	0	0	0	24,390	24,390
WASD Revenue Bonds Sold	1,360	0	0	0	0	0	0	0	1,360
TOTAL REVENUES:	3,322	8,212	18,269	23,917	28,324	23,162	17,911	185,324	308,441
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	2,724	6,734	14,981	19,612	23,226	18,993	14,687	151,966	252,923
Planning and Design	598	1,478	3,288	4,305	5,098	4,169	3,224	33,358	55,518
TOTAL EXPENDITURES:	3,322	8,212	18,269	23,917	28,324	23,162	17,911	185,324	308,441

PUMP STATION IMPROVEMENTS PROGRAM

PROJECT #: 9651071



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

REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	46,205	12,545	27,085	27,972	4,611	4,536	4,536	166,312	293,802
WASD Revenue Bonds Sold	13,450	0	0	0	0	0	0	0	13,450
Wastewater Connection Charges	13,000	11,300	7,000	8,056	0	0	0	0	39,356
TOTAL REVENUES:	72,655	23,845	34,085	36,028	4,611	4,536	4,536	166,312	346,608
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	51,197	29,174	30,716	31,620	11,394	4,082	4,082	149,681	311,946
Land Acquisition/Improvements	568	324	342	352	127	46	46	1,663	3,468
Major Machinery and Equipment	569	324	341	351	126	45	45	1,663	3,464
Planning and Design	4,551	2,593	2,731	2,811	1,013	363	363	13,305	27,730
TOTAL EXPENDITURES:	56,885	32,415	34,130	35,134	12,660	4,536	4,536	166,312	346,608

PUMP STATION 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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	1,754	3,675	7,194	16,024	13,806	49,735	11,880	351	104,419
WASD Revenue Bonds Sold	649	0	0	0	0	0	0	0	649
TOTAL REVENUES:	2,403	3,675	7,194	16,024	13,806	49,735	11,880	351	105,068
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	1,969	3,014	5,899	13,139	11,321	40,783	9,742	288	86,155
Major Machinery and Equipment	73	110	216	481	414	1,492	356	10	3,152
Planning and Design	361	551	1,079	2,404	2,071	7,460	1,782	53	15,761
TOTAL EXPENDITURES:	2,403	3,675	7,194	16,024	13,806	49,735	11,880	351	105,068

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

TOTAL REVENUES:	4,508	579	500	500	500	500	500	500	8,087
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	3,227	1,860	500	500	500	500	500	500	8,087
TOTAL EXPENDITURES:	3,227	1,860	500	500	500	500	500	500	8,087

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

SOUTH MIAMI HEIGHTS WATER TREATMENT PLANT AND WELLFIELD

PROJECT #: 9652821

DESCRIPTION: Construct water treatment plant, wellfields, and various water transmission mains in south Miami-Dade County
 LOCATION: 11800 SW 208 St District Located: 9
 Unincorporated Miami-Dade County District(s) Served: Systemwide



REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	16,546	1,500	5,926	6,033	11,211	21,371	54,543	144,456	261,586
WASD Revenue Bonds Sold	17,457	0	0	0	0	0	0	0	17,457
TOTAL REVENUES:	34,003	1,500	5,926	6,033	11,211	21,371	54,543	144,456	279,043
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	14,036	18,627	4,428	4,950	10,314	19,661	50,179	134,523	256,718
Planning and Design	1,220	1,620	1,498	1,083	897	1,710	4,364	9,933	22,325
TOTAL EXPENDITURES:	15,256	20,247	5,926	6,033	11,211	21,371	54,543	144,456	279,043

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

WASTEWATER 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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	139	2,927	7,451	12,265	13,208	12,654	8,184	31,000	87,828
WASD Future Funding	0	0	0	0	0	0	0	72,031	72,031
WASD Revenue Bonds Sold	1,320	0	0	0	0	0	0	0	1,320
TOTAL REVENUES:	1,459	2,927	7,451	12,265	13,208	12,654	8,184	103,031	161,179
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	1,328	2,663	6,780	11,161	12,019	11,515	7,448	93,758	146,672
Land Acquisition/Improvements	44	88	224	368	396	380	245	3,091	4,836
Planning and Design	87	176	447	736	793	759	491	6,182	9,671
TOTAL EXPENDITURES:	1,459	2,927	7,451	12,265	13,208	12,654	8,184	103,031	161,179

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



FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	608	608	608	3,526	0	0	0	0	5,350
WASD Future Funding	0	0	0	0	0	0	0	51,650	51,650
WASD Revenue Bonds Sold	774	0	0	0	0	0	0	0	774
Wastewater Renewal Fund	37,985	11,704	7,000	7,000	7,000	7,000	7,000	7,000	91,689
TOTAL REVENUES:	39,367	12,312	7,608	10,526	7,000	7,000	7,000	58,650	149,463
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	36,191	12,904	7,228	10,000	6,650	6,650	6,650	55,718	141,991
Planning and Design	1,905	679	380	526	350	350	350	2,932	7,472
TOTAL EXPENDITURES:	38,096	13,583	7,608	10,526	7,000	7,000	7,000	58,650	149,463


SANITARY SEWER SYSTEM 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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	2,113	2,660	2,113	4,113	3,038	0	0	0	14,037
WASD Future Funding	0	0	0	0	0	0	0	190,133	190,133
WASD Revenue Bonds Sold	11,991	0	0	0	0	0	0	0	11,991
Wastewater Renewal Fund	10,735	7,704	1,500	1,500	1,500	1,500	1,500	1,500	27,439
TOTAL REVENUES:	24,839	10,364	3,613	5,613	4,538	1,500	1,500	191,633	243,600
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	23,899	10,248	3,505	5,445	4,402	1,455	1,455	185,884	236,293
Planning and Design	739	317	108	168	136	45	45	5,749	7,307
TOTAL EXPENDITURES:	24,638	10,565	3,613	5,613	4,538	1,500	1,500	191,633	243,600


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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	16,943	11,830	57,909	22,867	9,466	10,000	12,500	32,080	173,595
WASD Revenue Bonds Sold	25,094	0	0	0	0	0	0	0	25,094
Water Connection Charges	22,606	5,521	3,590	0	0	0	0	0	31,717
Water Renewal and Replacement Fund	32,566	0	3,500	3,500	3,500	3,500	3,500	3,500	53,566
TOTAL REVENUES:	97,209	17,351	64,999	26,367	12,966	13,500	16,000	35,580	283,972
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	58,120	45,554	66,909	25,048	12,318	12,825	15,200	33,801	269,775
Planning and Design	3,059	2,397	3,521	1,318	648	675	800	1,779	14,197
TOTAL EXPENDITURES:	61,179	47,951	70,430	26,366	12,966	13,500	16,000	35,580	283,972

PEAK FLOW MANAGEMENT FACILITIES

PROJECT #: 9653371 

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	24,805	18,537	14,104	9,208	29,274	16,014	10,220	432,468	554,630
Wastewater Connection Charges	37,542	0	0	0	0	0	0	0	37,542
TOTAL REVENUES:	62,347	18,537	14,104	9,208	29,274	16,014	10,220	432,468	592,172
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	53,986	18,001	12,552	8,195	26,054	14,252	9,095	384,897	527,032
Planning and Design	6,672	2,225	1,552	1,013	3,220	1,762	1,125	47,571	65,140
TOTAL EXPENDITURES:	60,658	20,226	14,104	9,208	29,274	16,014	10,220	432,468	592,172

CORROSION CONTROL FACILITIES IMPROVEMENTS

PROJECT #: 9653381 

DESCRIPTION: Construct corrosion control facilities and force mains; renovate structures at wastewater treatment plants and pump stations; and restore sewer mains
 LOCATION: Systemwide District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	0	100	90	865	352	4,882	116	0	6,405
WASD Revenue Bonds Sold	1,083	0	0	0	0	0	0	0	1,083
TOTAL REVENUES:	1,083	100	90	865	352	4,882	116	0	7,488
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	921	85	76	735	299	4,150	99	0	6,365
Planning and Design	162	15	14	130	53	732	17	0	1,123
TOTAL EXPENDITURES:	1,083	100	90	865	352	4,882	116	0	7,488

SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

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-gen units, and construction of sludge handling facilities
 LOCATION: 8950 SW 232 St District Located: 8
 Unincorporated Miami-Dade County District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	5,000	0	2,000	4,000	3,000	1,000	0	0	15,000
WASD Future Funding	0	0	0	0	0	0	0	182,500	182,500
WASD Revenue Bonds Sold	28,000	0	0	0	0	0	0	0	28,000
TOTAL REVENUES:	33,000	0	2,000	4,000	3,000	1,000	0	182,500	225,500
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	32,000	1,000	2,000	4,000	3,000	1,000	0	182,500	225,500
TOTAL EXPENDITURES:	32,000	1,000	2,000	4,000	3,000	1,000	0	182,500	225,500

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	1,262	3,465	8,868	6,053	4,200	4,078	3,180	32,820	63,926
WASD Future Funding	0	0	0	0	0	0	0	100,225	100,225
WASD Revenue Bonds Sold	338	0	0	0	0	0	0	0	338
TOTAL REVENUES:	1,600	3,465	8,868	6,053	4,200	4,078	3,180	133,045	164,489
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	1,424	3,084	7,892	5,387	3,738	3,630	2,830	118,410	146,395
Planning and Design	176	381	976	666	462	448	350	14,635	18,094
TOTAL EXPENDITURES:	1,600	3,465	8,868	6,053	4,200	4,078	3,180	133,045	164,489

CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

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
City of Miami

District Located: 7
District(s) Served: Systemwide



REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	2,093	5,347	8,522	5,713	3,617	1,900	108	0	27,300
WASD Future Funding	0	0	0	0	0	0	0	8,500	8,500
WASD Revenue Bonds Sold	2,533	0	0	0	0	0	0	0	2,533
TOTAL REVENUES:	4,626	5,347	8,522	5,713	3,617	1,900	108	8,500	38,333
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	4,348	5,026	8,011	5,370	3,400	1,786	102	7,990	36,033
Planning and Design	278	321	511	343	217	114	6	510	2,300
TOTAL EXPENDITURES:	4,626	5,347	8,522	5,713	3,617	1,900	108	8,500	38,333

WATER SYSTEM FIRE HYDRANT INSTALLATION

PROJECT #: 9653461

DESCRIPTION: Install fire hydrants and construct related system improvements

LOCATION: Systemwide
Various Sites

District Located: Systemwide
District(s) Served: Systemwide



REVENUE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Fire Hydrant Fund	36,978	3,500	3,500	3,500	3,500	3,500	3,500	3,500	61,478
TOTAL REVENUES:	36,978	3,500	3,500	3,500	3,500	3,500	3,500	3,500	61,478
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	35,529	3,430	3,430	3,430	3,430	3,430	3,430	4,140	60,249
Planning and Design	725	70	70	70	70	70	70	84	1,229
TOTAL EXPENDITURES:	36,254	3,500	3,500	3,500	3,500	3,500	3,500	4,224	61,478

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	2,202	1,724	1,707	9,840	48	0	0	0	15,521
WASD Revenue Bonds Sold	626	0	0	0	0	0	0	0	626
TOTAL REVENUES:	2,828	1,724	1,707	9,840	48	0	0	0	16,147
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	2,659	1,621	1,605	9,251	45	0	0	0	15,181
Planning and Design	169	103	102	589	3	0	0	0	966
TOTAL EXPENDITURES:	2,828	1,724	1,707	9,840	48	0	0	0	16,147

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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	0	698	3,186	2,736	20,356	19,686	5,582	14,515	66,759
TOTAL REVENUES:	0	698	3,186	2,736	20,356	19,686	5,582	14,515	66,759
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	0	607	2,772	2,380	17,710	17,127	4,857	12,628	58,081
Planning and Design	0	91	414	356	2,646	2,559	725	1,887	8,678
TOTAL EXPENDITURES:	0	698	3,186	2,736	20,356	19,686	5,582	14,515	66,759

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

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

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

TOTAL EXPENDITURES:	14,278	3,149	7,930	17,364	33,066	76,454	61,271	303,018	516,530
----------------------------	--------	-------	-------	--------	--------	--------	--------	---------	---------

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

SOUTH DISTRICT WASTEWATER TREATMENT PLANT EXPANSION - PHASE III

PROJECT #: 9655481

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



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

WATER TELEMETERING 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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Water Renewal and Replacement Fund	1,424	0	300	300	300	300	300	300	3,224
TOTAL REVENUES:	1,424	0	300	300	300	300	300	300	3,224
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Construction	342	313	138	138	138	138	138	138	1,483
Major Machinery and Equipment	401	368	162	162	162	162	162	162	1,741
TOTAL EXPENDITURES:	743	681	300	300	300	300	300	300	3,224

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	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL
Future WASD Revenue Bonds	6,209	3,378	22,616	29,095	19,891	11,570	12,000	27,732	132,491
State Revolving Loan Water Program	4,452	4,426	7,309	3,000	2,500	1,159	0	0	22,846
WASD Future Funding	0	0	0	0	0	0	0	293,927	293,927
WASD Revenue Bonds Sold	10,194	0	0	0	0	0	0	0	10,194
Water Renewal and Replacement Fund	602	0	0	0	0	0	0	0	602
TOTAL REVENUES:	21,457	7,804	29,925	32,095	22,391	12,729	12,000	321,659	460,060
EXPENDITURE SCHEDULE:	PRIOR	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	FUTURE	TOTAL

FY 2016 - 17 Adopted Budget and Multi-Year Capital Plan

Construction	14,180	13,032	27,830	29,848	20,824	11,838	11,160	299,143	427,855
Planning and Design	1,068	981	2,095	2,247	1,567	891	840	22,516	32,205
TOTAL EXPENDITURES:	15,248	14,013	29,925	32,095	22,391	12,729	12,000	321,659	460,060

UNFUNDED CAPITAL PROJECTS

(dollars in thousands)

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

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



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1002	101638	NDWWTP - INJECTION WELLS PS UPGRADE	30,000,001	0	30,000,001	0	423,229	1,799,731	2,499,187	3,199,601	4,078,253	3,000,000	15,000,000	0	0	0	30,000,001
	101947	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	8,957,309	0	8,957,309	800,000	1,408,256	3,194,754	2,554,299	1,000,000	0	0	0	0	0	0	8,957,309
	102097	CHEMICALLY ENHANCED PRIMARY TREATMENT AT NDWWTP	18,000,000	0	18,000,000	0	0	0	0	0	0	180,000	3,683,567	4,974,045	8,162,388	1,000,000	18,000,000
	102147	NDWWTP CONSTRUCTION MANAGEMENT OFFICE	7,306,976	0	7,306,976	800,205	1,633,118	3,873,653	1,000,000	0	0	0	0	0	0	0	7,306,976
	102148	NDWWTP INDUSTRIAL INJECTION WASTE WELLS (NE-5)	46,022,460	0	46,022,460	0	0	0	0	0	0	0	714,439	6,188,529	26,072,574	13,046,918	46,022,460
	102149	NDWWTP INDUSTRIAL PUMP STATION (NE-4)	54,202,482	0	54,202,482	0	0	0	0	0	0	0	2,733,885	3,811,001	34,232,914	13,424,682	54,202,482
		TOTAL - 1002	164,489,228	0	164,489,228	1,600,205	3,464,603	8,868,138	6,053,486	4,199,601	4,078,253	3,180,000	22,131,891	14,973,575	68,467,876	27,471,600	164,489,228
1003	101656	CDWWTP - SLUDGE HANDLING FACILITY	2,979,841	0	2,979,841	584,006	1,395,835	1,000,000	0	0	0	0	0	0	0	0	2,979,841
	101838	CDWWTP - 2 EMERGENCY GENERATORS	3,000,000	0	3,000,000	0	269,698	2,516,746	213,556	0	0	0	0	0	0	0	3,000,000
	101910	CDWWTP - PLANT PROCESS CONTROLS	1,125,000	0	1,125,000	0	0	0	0	116,832	900,042	108,126	0	0	0	0	1,125,000
	101991	CDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION	8,500,000	0	8,500,000	0	0	0	0	0	0	0	985,641	2,385,028	5,129,331	0	8,500,000
	102132	CDWWTP SUBSTATION 19 AND 20 EMERGENCY REPLACEMENT OF ABB SWITCHGEAR	3,321,000	1,460,138	1,860,862	1,660,862	200,000	0	0	0	0	0	0	0	0	0	1,860,862



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Total	
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		Future
1003	102146	CDWWTP - CONSTRUCTION MANAGEMENT OFFICE	8,407,369	0	8,407,369	920,712	2,481,436	3,005,221	1,500,000	500,000	0	0	0	0	0	0	8,407,369
	102183	CDWWTP FOG RECOVERY STATION	11,000,000	0	11,000,000	0	1,000,000	2,000,000	4,000,000	3,000,000	1,000,000	0	0	0	0	0	11,000,000
		TOTAL - 1003	38,333,210	1,460,138	36,873,072	3,165,580	5,346,969	8,521,967	5,713,556	3,616,832	1,900,042	108,126	985,641	2,385,028	5,129,331	0	36,873,072
1006	101768	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	26,948,848	0	26,948,848	375,756	1,697,565	1,943,007	1,565,253	2,255,405	3,111,862	4,500,000	11,500,000	0	0	0	26,948,848
	101769	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - HOMESTEAD EAST	6,655,875	0	6,655,875	90,986	600,043	400,993	1,396,934	3,560,816	606,103	0	0	0	0	0	6,655,875
	102055	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	73,854,638	0	73,854,638	733,823	1,875,857	2,336,392	3,467,063	4,266,965	4,174,538	4,000,000	24,000,000	29,000,000	0	0	73,854,638
	102056	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	27,726,005	0	27,726,005	434,714	1,776,548	2,602,132	3,107,174	4,805,437	3,500,000	3,000,000	3,000,000	5,500,000	0	0	27,726,005
	102102	SDWWTP FA MONITORING WELL REPLACEMENT	8,019,808	0	8,019,808	109,631	1,103,436	441,407	6,086,368	278,966	0	0	0	0	0	0	8,019,808
		TOTAL - 1006	143,205,174	0	143,205,174	1,744,910	7,053,449	7,723,931	15,622,792	15,167,589	11,392,503	11,500,000	38,500,000	34,500,000	0	0	143,205,174
1007	101650	SDWWTP - INSTALLATION OF CO-GEN UNITS 4 & 5	32,000,000	28,000,548	3,999,452	3,999,452	0	0	0	0	0	0	0	0	0	0	3,999,452
	101993	SDWWTP CENTRATE TREATMENT PROCESS	105,000,000	0	105,000,000	0	0	0	0	0	0	0	1,050,000	22,234,397	11,269,808	70,445,795	105,000,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	
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	70,000,000	0	70,000,000	0	0	0	0	0	0	0	700,000	16,947,688	5,757,803	46,594,509	70,000,000
	102184	SDWWTP FOG RECOVERY STATION	11,000,000	0	11,000,000	0	1,000,000	2,000,000	4,000,000	3,000,000	1,000,000	0	0	0	0	0	11,000,000
		TOTAL - 1007	225,500,000	28,000,548	197,499,452	3,999,452	1,000,000	2,000,000	4,000,000	3,000,000	1,000,000	0	2,806,765	41,595,320	21,057,611	117,040,304	197,499,452
1008	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	0	0	211,613	268,986	582,338	2,987,087	3,749,976	7,200,000	0	0	0	15,000,000
	101985	WASTEWATER FORCE MAINS UPGRADES	30,000,000	0	30,000,000	0	0	0	0	0	0	0	30,000,000	0	0	0	30,000,000
	101986	18 INCH DIP FM FROM ISLAND DRIVE	4,673,914	0	4,673,914	405,402	377,325	3,891,187	0	0	0	0	0	0	0	0	4,673,914
	102012	SOUTHWEST DADE BOOSTER STATION (SP-1)	75,000,000	0	75,000,000	696,428	1,938,511	1,416,198	220,081	3,881,500	4,447,282	5,000,000	12,000,000	45,400,000	0	0	75,000,000
	102036	6" FM FROM PS 316 TO MH 126 ON COLLINS AVE	284,772	253,882	30,890	30,890	0	0	0	0	0	0	0	0	0	0	30,890
	102041	DORAL BASIN UPGRADE - 24 INCH FORCE MAIN NW 74TH ST FROM NW 97 TO NW 107 AVE. (CL-6)	3,462,300	0	3,462,300	503,460	941,060	1,517,780	500,000	0	0	0	0	0	0	0	3,462,300
	102042	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	16,500,000	0	16,500,000	0	138,630	1,068,519	2,781,090	4,695,844	3,815,917	1,000,000	3,000,000	0	0	0	16,500,000



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1008	102043	DORAL BASIN UPGRADE - P.S. 14 UPGRADE - COUNTY SHARE	385,584	0	385,584	385,584	0	0	0	0	0	0	0	0	0	0	385,584
	102064	24-INCH FM FROM PS 416 TO 30-INCH FM AT NW 171 ST / 67 AVE (NL-6)	6,580,000	0	6,580,000	0	0	0	110,411	407,946	590,002	2,407,513	3,064,128	0	0	0	6,580,000
	102065	24-INCH FORCE MAIN EXTENSION IN NW 167 ST FROM NW 58 AVE TO NW 49 AVE THEN SOUTH TO NW 156 ST	6,120,000	0	6,120,000	0	0	0	103,026	379,362	456,404	2,028,583	3,152,625	0	0	0	6,120,000
	102066	30-INCH FORCE MAIN IN W 12 AVE (NW 67 AVE) FROM W 79 ST TO W 84 ST (NW 138 ST) (NL-3)	2,760,000	0	2,760,000	0	0	0	20,801	230,249	1,407,475	1,101,475	0	0	0	2,760,000	
	102069	48-INCH FORCE MAIN CONNECTION FROM NW 62 AVE AT W 77 ST TO DISCHARGE FORCE MAIN OF PS 307 (NL-4)	16,140,000	0	16,140,000	0	0	0	230,894	1,010,871	1,205,440	3,288,232	10,404,563	0	0	0	16,140,000
	102072	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	60,092,000	0	60,092,000	686,635	1,400,706	1,638,647	166,012	7,000,000	7,000,000	5,000,000	7,000,000	5,000,000	16,200,000	9,000,000	60,092,000
	102082	NORTH DADE BOOSTER STATION AT NW 183 ST / NW 57 AVE (NP-1)	15,000,000	0	15,000,000	0	188,547	473,740	285,896	1,777,459	3,547,166	4,327,192	3,000,000	1,400,000	0	0	15,000,000
	102086	UPGRADE PS 416 (NP-416E)	10,000,000	0	10,000,000	609,256	336,176	811,373	329,034	3,114,161	2,000,000	1,000,000	1,800,000	0	0	0	10,000,000
	102121	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	47,250,000	0	47,250,000	550,000	2,579,845	2,784,694	500,000	2,724,128	2,957,376	7,000,000	28,153,957	0	0	0	47,250,000
	102153	60-INCH WEST MIAMI-DADE FORCE MAIN - NORTH	318,835,001	0	318,835,001	0	0	0	0	0	0	0	12,191,101	16,116,302	10,671,972	279,855,626	318,835,001



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1008	102154	60-INCH WEST MIAMI-DADE FORCE MAIN - SOUTH	239,121,998	0	239,121,998	0	0	0	0	0	0	0	9,143,163	12,087,011	8,003,836	209,887,988	239,121,998
	102155	CL-8; 24-INCH CONNECTION IN SW 8TH ST. FROM SW 152ND AVE. TO 177TH AVE.	11,240,000	0	11,240,000	0	0	0	0	0	0	0	658,802	583,348	3,375,033	6,622,817	11,240,000
	102181	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	90,138,001	0	90,138,001	0	22,079	312,287	215,134	1,464,497	2,312,417	3,072,293	65,000,000	17,739,294	0	0	90,138,001
	102187	48-INCH LINING FROM PS300 TO NDWWTP (XL-1)	26,093,475	0	26,093,475	0	0	0	0	0	752,124	2,250,725	1,386,777	19,188,426	2,515,423	0	26,093,475
	102189	FM EXT. FROM 36-INCH AT NW 87 AVE / W 76 ST TO 48-INCH IN NW 67 AVE (NL-2)	35,213,740	0	35,213,740	0	0	0	0	0	0	0	13,758,162	2,505,239	3,230,337	15,720,002	35,213,740
	102190	42-INCH FM FROM PS306 - RED ROAD (NL-1C)	35,352,451	0	35,352,451	0	0	0	0	0	0	1,738,501	3,836,009	26,046,794	3,731,147	0	35,352,451
	102191	PUMP STATION 0306 (PS-306)	55,361,250	0	55,361,250	0	0	0	0	0	1,004,308	2,552,466	5,025,296	46,779,180	0	0	55,361,250
		TOTAL - 1008	1,120,604,486	253,882	1,120,350,604	3,867,655	7,922,879	14,126,038	5,710,564	27,058,907	33,305,772	45,822,956	220,876,058	192,845,594	47,727,748	521,086,433	1,120,350,604
1009	101757	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCIAYNE BASIN IMPROVEMENTS (CL-1)	53,098,629	1,082,150	52,016,479	1,075,000	5,500,000	6,785,000	7,500,000	7,656,480	5,000,000	3,750,000	8,250,000	6,500,000	0	0	52,016,480
	101840	REPLACEMENT OF ANVIC DRIVES AND SWITCHGEAR AT PS#0536	4,950,000	4,146,474	803,526	803,526	0	0	0	0	0	0	0	0	0	0	803,526
	101996	12 INCH DIP FM AT SW 87 AVE - 6850	828,000	0	828,000	0	0	0	0	0	0	0	828,000	0	0	0	828,000



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1009	102045	P.S. 2 BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	59,731,556	121,321	59,610,235	528,329	1,693,110	2,846,856	3,100,341	4,344,288	5,697,311	7,000,000	7,400,000	27,000,000	0	0	59,610,235
	102046	P.S. 2 BASIN UPGRADE - P.S. 2 UPGRADE	22,529,992	653,562	21,876,430	2,096,438	50,000	77,987	861,908	1,183,743	5,420,662	5,179,977	4,627,104	2,332,725	45,886	0	21,876,430
	102074	COCONUT GROVE REROUTE	7,172,318	0	7,172,318	201,613	847,335	4,684,450	1,438,920	0	0	0	0	0	0	0	7,172,318
	102156	DOWNTOWN BOOSTER STATION (CP-1)	50,000,000	0	50,000,000	477,062	1,663,832	3,652,005	4,500,000	5,207,101	6,500,000	3,500,000	4,500,000	20,000,000	0	0	50,000,000
	102157	FM CONNECTIONS TO DOWNTOWN BOOSTER STATION	23,996,003	0	23,996,003	453,531	1,197,448	2,160,209	3,149,199	4,535,616	2,500,000	1,000,000	9,000,000	0	0	0	23,996,003
		TOTAL - 1009	222,306,498	6,003,506	216,302,992	5,635,499	10,951,725	20,206,507	20,550,368	22,927,228	25,117,973	20,429,977	34,605,104	55,832,725	45,886	0	216,302,992
1010	102035	6" FM FROM PS 1071 TO MH 7 SOUTH OF SW 186 ST ON 108 AVE	1,079,412	120,193	959,219	959,219	0	0	0	0	0	0	0	0	0	0	959,219
	102050	UPGRADE 4" FM FROM PS 733 ON US1	451,789	69,989	381,800	210,800	171,000	0	0	0	0	0	0	0	0	0	381,800
	102051	UPGRADE 6" FM AT SW 160 ST AND 92 AVE	1,400,000	0	1,400,000	0	35,187	186,443	527,649	650,721	0	0	0	0	0	0	1,400,000
	102063	24-INCH FM CONNECTION FROM PS 1073 TO PS 691 (SL-6)	6,450,000	0	6,450,000	0	0	0	0	21,084	467,388	227,471	5,182,660	551,397	0	0	6,450,000
	102067	42-INCH FM CONNECTION FROM PS 691 TO PS 692 (SL-5)	42,100,000	0	42,100,000	0	573,114	2,683,113	2,097,776	3,509,152	3,736,845	3,500,000	16,000,000	10,000,000	0	0	42,100,000
	102077	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	47,060,000	0	47,060,000	0	76,247	1,185,508	2,440,214	3,071,923	3,286,108	3,000,000	34,000,000	0	0	0	47,060,000



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1010	102078	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	34,180,000	0	34,180,000	529,003	2,221,557	4,629,440	5,500,000	5,800,000	4,000,000	4,000,000	4,000,000	3,500,000	0	0	34,180,000
	102079	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	81,330,000	0	81,330,000	582,734	2,956,025	5,234,228	6,857,013	6,000,000	5,000,000	5,000,000	40,000,000	9,700,000	0	0	81,330,000
	102087	UPGRADE PS 692 (SP-692E)	50,000,000	0	50,000,000	850,000	1,675,837	3,078,135	3,400,286	4,312,365	4,500,000	683,377	23,000,000	8,500,000	0	0	50,000,000
	102088	UPGRADE PS 1073 (SP-1073E)	20,000,000	0	20,000,000	0	503,466	1,272,110	3,094,275	4,958,571	2,171,578	1,500,000	5,500,000	1,000,000	0	0	20,000,000
	102158	SL-3B TO 48"/54" FM ALONG 137TH AVE FROM SW 136TH ST TO SW 104TH ST	24,390,000	0	24,390,000	0	0	0	0	0	0	0	2,183,630	4,083,085	18,123,285	0	24,390,000
		TOTAL - 1010	308,441,201	190,182	308,251,019	3,131,756	8,212,433	18,268,977	23,917,213	28,323,816	23,161,919	17,910,848	129,866,290	37,334,482	18,123,285	0	308,251,019
1011	100889	REHABILITATION OF SEWER MAINS DUE TO I/I - DIG AND REPLACE	13,231,176	5,152,791	8,078,385	3,169,925	1,375,895	1,258,452	1,050,000	650,000	350,000	224,112	0	0	0	0	8,078,384
	101807	REHAB OF ALL JUNCTION CHAMBERS AND ASSOCIATED LINES	500,000	0	500,000	500,000	0	0	0	0	0	0	0	0	0	0	500,000
		TOTAL - 1011	13,731,176	5,152,791	8,578,385	3,669,925	1,375,895	1,258,452	1,050,000	650,000	350,000	224,112	0	0	0	0	8,578,384
1012	100055	SPECIAL CONSTRUCTION - SANITARY SEWER IMPROVEMENTS	50,380,107	4,988,598	45,391,509	300,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,591,509	0	0	0	0	45,391,509
		TOTAL - 1012	50,380,107	4,988,598	45,391,509	300,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,591,509	0	0	0	0	45,391,509



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1013	101108	MIAMI SERVICE FACILITY - PHASE 2	21,537,913	160,315	21,377,598	300,565	861,388	2,011,177	3,017,882	4,172,754	4,013,832	1,000,000	6,000,000	0	0	0	21,377,598
	101461	NORTH MAINTENANCE CENTER	12,174,912	0	12,174,912	0	100,000	400,000	2,174,912	3,500,000	4,500,000	500,000	1,000,000	0	0	0	12,174,912
	101506	SOUTH MAINTENANCE CENTER	42,673,455	31,457	42,641,998	100,000	500,000	2,084,998	3,316,000	4,285,000	4,140,000	4,216,000	9,000,000	15,000,000	0	0	42,641,998
	101653	11TH STREET DISTRIBUTION FACILITY RENOVATION	3,599,510	0	3,599,510	88,510	300,000	1,211,000	1,000,000	1,000,000	0	0	0	0	0	0	3,599,510
	101654	WESTWOOD LAKES FACILITY ELEVATOR RENOVATION	1,500,000	0	1,500,000	50,000	50,000	600,000	800,000	0	0	0	0	0	0	0	1,500,000
	101886	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	1,300,000	0	1,300,000	0	0	143,794	1,156,206	0	0	0	0	0	0	0	1,300,000
	101887	MEDLEY YARD BUILDING	1,643,623	30,031	1,613,592	698,172	915,420	0	0	0	0	0	0	0	0	0	1,613,592
	101999	WEST MAINTENANCE CENTER	41,000,000	0	41,000,000	0	0	0	0	0	0	410,000	12,945,897	9,051,992	18,592,111	0	41,000,000
	102000	GENERAL MAINTENANCE LAND ACQUISITION - SEWER	3,500,000	0	3,500,000	0	0	0	0	0	0	1,141,486	2,358,514	0	0	0	3,500,000
	102001	LEJEUNE ROAD OFFICE EXPANSION - PHASE 2	5,000,000	0	5,000,000	0	0	0	0	0	0	916,979	1,975,521	2,107,500	0	0	5,000,000
	102030	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS	25,000,000	0	25,000,000	0	0	0	0	0	0	0	25,000,000	0	0	0	25,000,000
	102052	MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION	2,250,000	0	2,250,000	0	200,000	1,000,000	800,000	250,000	0	0	0	0	0	0	2,250,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Future	Total
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		
		TOTAL - 1013	161,179,413	221,802	160,957,611	1,237,247	2,926,808	7,450,969	12,265,000	13,207,754	12,653,832	8,184,465	58,279,932	26,159,492	18,592,111	0	160,957,610
1014	100984	REFURBISH STRUCTURES IN PUMP STATIONS	7,488,337	95,034	7,393,303	988,419	100,000	89,523	865,468	352,117	4,881,856	115,920	0	0	0	0	7,393,303
		TOTAL - 1014	7,488,337	95,034	7,393,303	988,419	100,000	89,523	865,468	352,117	4,881,856	115,920	0	0	0	0	7,393,303
1015	101454	PUMP STATION IMPROVEMENT PROGRAM	157,612,921	13,449,951	144,162,970	43,435,258	30,914,868	30,629,616	31,133,228	8,050,000	0	0	0	0	0	0	144,162,970
	102192	OUT OF COMPLIANCE PUMP STATIONS	188,993,803	0	188,993,803	0	1,500,000	3,500,000	4,000,000	4,610,512	4,535,637	4,535,637	26,510,450	24,578,332	34,223,235	81,000,000	188,993,803
		TOTAL - 1015	346,606,724	13,449,951	333,156,773	43,435,258	32,414,868	34,129,616	35,133,228	12,660,512	4,535,637	4,535,637	26,510,450	24,578,332	34,223,235	81,000,000	333,156,773
1018	101710	MASTER PUMP STATION NO. 3 (FORMERLY P.S. 8)	62,666,284	37,053,974	25,612,310	20,599,035	5,013,275	0	0	0	0	0	0	0	0	0	25,612,310
	101759	48-INCH - ALLOWS P.S. 300 TO PUMP NORTH TO P.S. 1310 DISCHARGE (NL-7)	2,900,000	0	2,900,000	234,350	1,639,053	1,026,597	0	0	0	0	0	0	0	0	2,900,000
	101774	FORCE MAIN IN DORAL N.W. 107TH AVE.	12,624,127	229,827	12,394,300	1,401,449	7,442,654	3,550,197	0	0	0	0	0	0	0	0	12,394,300
	101846	PS 559 FLOW METER	500,000	0	500,000	0	0	500,000	0	0	0	0	0	0	0	0	500,000
	101861	CORAL GABLES REROUTE (CL-2)	30,650,000	0	30,650,000	0	484,551	1,940,985	1,763,669	21,152,753	5,308,042	0	0	0	0	0	30,650,000
	101864	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	402,730,000	0	402,730,000	500,000	2,501,086	3,397,032	4,293,490	4,165,924	4,724,706	4,678,842	70,928,663	307,540,257	0	0	402,730,000



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1018	101865	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	64,302,414	0	64,302,414	639,545	1,245,093	1,763,150	2,438,635	3,746,429	4,000,000	2,469,562	16,000,000	32,000,000	0	0	64,302,414
	102124	UPGRADE TO PS 552 (SP-522E)	12,000,000	0	12,000,000	0	0	26,747	712,157	208,930	1,981,027	3,071,139	3,000,000	3,000,000	0	0	12,000,000
	102194	WASTEWATER MASTER PLAN	3,798,900	0	3,798,900	0	1,900,000	1,898,900	0	0	0	0	0	0	0	0	3,798,900
	TOTAL - 1018		592,171,725	37,283,800	554,887,925	23,374,379	20,225,712	14,103,608	9,207,951	29,274,036	16,013,775	10,219,543	89,928,663	342,540,257	0	0	554,887,924
1019	100877	SANITARY SEWER SYSTEM EXTENSION	36,398,303	3,653,415	32,744,888	7,663,039	9,817,135	3,113,135	5,113,135	4,038,444	1,000,000	1,000,000	1,000,000	0	0	0	32,744,888
	101722	DESIGN AND ENGINEERING SERVICES FOR SANITARY SEWER FORCE MAINS AND SANITARY SEWER GRAVITY MAINS	721,630	0	721,630	721,630	0	0	0	0	0	0	0	0	0	0	721,630
	101733	SANITARY SEWER SYSTEM EXTENSION FOR JPA'S	12,724,293	9,524,294	3,199,999	0	200,000	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	3,200,000
	102128	6" FM FROM PS 746 TO SW 156 ST & US1	2,102,852	111,153	1,991,699	1,444,492	547,207	0	0	0	0	0	0	0	0	0	1,991,699
	102129	6" PVC FM FROM PS 1070 SOUTH TO MH 19	950,887	46,720	904,167	904,167	0	0	0	0	0	0	0	0	0	0	904,167
	102130	REPLACE 8" FM FROM PS 149 SOUTH TO NW 112 AVE & W. FLAGLER ST	569,645	69,645	500,000	500,000	0	0	0	0	0	0	0	0	0	0	500,000
	102195	WASTEWATER NEEDS ASSESMENT FOR NEW GRAVITY SEWER PHASE 1	190,133,491	0	190,133,491	0	0	0	0	0	0	0	190,133,491	0	0	0	190,133,491



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Total	
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		Future
TOTAL - 1019			243,601,101	13,405,227	230,195,874	11,233,328	10,564,342	3,613,135	5,613,135	4,538,444	1,500,000	1,500,000	191,633,491	0	0	0	230,195,875
1021	101816	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS	2,300,000	0	2,300,000	800,000	250,000	250,000	250,000	250,000	250,000	250,000	0	0	0	0	2,300,000
	101823	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	1,655,000	0	1,655,000	0	250,000	275,000	275,000	285,000	285,000	285,000	0	0	0	0	1,655,000
	101837	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	12,260,000	0	12,260,000	800,000	1,875,000	1,875,000	1,975,000	1,875,000	1,980,000	1,880,000	0	0	0	0	12,260,000
	101930	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	5,275,000	224,648	5,050,352	100,352	78,848	652,995	310,383	3,749,256	158,518	0	0	0	0	0	5,050,352
	101933	REPLACEMENT OF SUBMERSIBLE PUMPING EQUIPMENT	1,010,001	199,954	810,047	123,735	446,730	239,582	0	0	0	0	0	0	0	0	810,047
	101934	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	11,098,150	0	11,098,150	154,745	524,416	750,000	3,567,789	2,500,000	1,750,000	1,500,000	351,200	0	0	0	11,098,150
	102159	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	11,970,000	0	11,970,000	0	250,000	2,250,000	2,350,000	2,460,000	2,460,000	2,200,000	0	0	0	0	11,970,000
	102160	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	20,000,000	0	20,000,000	0	0	351,296	2,283,525	546,517	12,388,765	4,429,897	0	0	0	0	20,000,000
	102161	CONVERSION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	18,000,003	0	18,000,003	0	0	253,937	2,306,607	978,697	13,893,715	567,047	0	0	0	0	18,000,003
	102163	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	10,000,000	0	10,000,000	0	0	141,076	1,281,448	543,721	7,718,729	315,026	0	0	0	0	10,000,000



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Total	
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		Future
1021	102164	REPLACEMENT OF CONE VALVES	4,000,000	0	4,000,000	0	0	51,223	391,034	179,134	3,166,167	212,442	0	0	0	0	4,000,000
	102165	REPLACEMENT OF OBSOLETE GENERATORS	7,500,000	0	7,500,000	0	0	104,010	1,033,115	438,440	5,684,165	240,270	0	0	0	0	7,500,000
		TOTAL - 1021	105,068,154	424,602	104,643,552	1,978,832	3,674,994	7,194,119	16,023,901	13,805,765	49,735,059	11,879,682	351,200	0	0	0	104,643,552
1023	100621	TELEMETERING SYSTEM - WASTEWATER	8,086,786	1,517,081	6,569,705	1,710,000	1,859,705	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	6,569,705
		TOTAL - 1023	8,086,786	1,517,081	6,569,705	1,710,000	1,859,705	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	6,569,705
1024	100622	WASTEWATER SYSTEM UPGRADES	180,002,533	25,959,592	154,042,941	15,614,500	18,428,441	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	0	0	0	154,042,941
		TOTAL - 1024	180,002,533	25,959,592	154,042,941	15,614,500	18,428,441	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	0	0	0	154,042,941
1025	100623	LIFT STATION STRUCTURAL MAINTENANCE & UPGRADES	20,275,240	5,955,240	14,320,000	2,260,000	60,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	14,320,000
	101718	DESIGN OF UPGRADES FOR SANITARY SEWER PUMP STATIONS	78,197	78,197	0	0	0	0	0	0	0	0	0	0	0	0	0
	102126	RELOCATION OF 20 PUMP STATIONS	52,428,283	0	52,428,283	650,000	2,500,000	3,057,529	4,500,000	4,049,128	4,500,000	4,171,626	29,000,000	0	0	0	52,428,283
		TOTAL - 1025	72,781,720	6,033,438	66,748,282	2,910,000	2,560,000	5,057,529	6,500,000	6,049,128	6,500,000	6,171,626	31,000,000	0	0	0	66,748,283
1027	100625	MISCELLANEOUS TOOLS AND EQUIPMENT	37,505,823	12,537,308	24,968,515	3,911,361	6,057,154	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	24,968,515



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1027	101729	VEHICLES/TRANSPORTATION EQUIPMENT	56,018,505	5,176,196	50,842,309	5,346,779	6,495,530	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	0	0	0	50,842,309
	101730	HEAVY CONSTRUCTION EQUIPMENT	29,843,576	2,913,778	26,929,798	5,989,688	5,940,110	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	26,929,798
		TOTAL - 1027	123,367,904	20,627,282	102,740,622	15,247,828	18,492,794	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	0	0	0	102,740,622
1029	100627	WASTEWATER TREATMENT PLANTS REHABILITATION	79,357,519	13,688,019	65,669,500	20,273,000	11,796,500	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	0	0	0	65,669,500
	101732	SECURITY PROJECTS	18,455,483	0	18,455,483	4,134,333	1,786,333	2,008,333	4,926,484	1,400,000	1,400,000	1,400,000	1,400,000	0	0	0	18,455,483
	102018	UPGRADE WHOLESALE WASTEWATER FLOW METERS	51,650,000	0	51,650,000	0	0	0	0	0	0	0	51,650,000	0	0	0	51,650,000
		TOTAL - 1029	149,463,002	13,688,019	135,774,983	24,407,333	13,582,833	7,608,333	10,526,484	7,000,000	7,000,000	7,000,000	58,650,000	0	0	0	135,774,983
1032	101808	EMD GENERATOR HOUSING REPLACEMENT AT WWTP	1,800,000	0	1,800,000	1,250,000	550,000	0	0	0	0	0	0	0	0	0	1,800,000
	101885	WWTP - VIDEO SURVEILANCE SYSTEM	5,000,000	0	5,000,000	0	69,341	688,743	288,424	3,793,312	160,180	0	0	0	0	0	5,000,000
	102004	WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES	7,500,000	0	7,500,000	0	0	0	0	0	0	906,703	2,157,552	4,435,745	0	0	7,500,000
		TOTAL - 1032	14,300,000	0	14,300,000	1,250,000	619,341	688,743	288,424	3,793,312	160,180	906,703	2,157,552	4,435,745	0	0	14,300,000
1039	101791	CONTRACT SPECIFICATIONS MIASP	1,326,105	806,952	519,153	59,515	147,943	311,695	0	0	0	0	0	0	0	0	519,153



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Total	
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		Future
TOTAL - 1039			1,326,105	806,952	519,153	59,515	147,943	311,695	0	0	0	0	0	0	0	0	519,153
1040	101858	FLOW CONTROL PIPELINE INTERCONNECTION (CL-X)	5,000,000	0	5,000,000	0	0	0	0	0	0	293,545	416,104	3,598,979	691,372	0	5,000,000
	101862	UPGRADE AND EXPANSION TO PS 187 (CEP-187E)	69,934,844	0	69,934,844	0	0	0	0	4,268,795	4,369,847	3,894,086	15,624,994	36,320,456	5,456,666	0	69,934,844
	101867	CDWWTP HLD FILTERS (141 MGD) (CT-2)	281,923,105	0	281,923,105	0	0	566,932	7,520,490	1,838,616	3,032,113	4,334,417	43,342,608	221,287,929	0	0	281,923,105
	102006	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	124,387,275	0	124,387,275	0	0	0	863,621	1,805,330	2,988,849	4,859,936	43,220,397	18,958,475	31,942,082	19,748,585	124,387,275
	102007	NDWWTP- BZ DEEP INJECTION WELLS (NE-2)	49,994,361	0	49,994,361	0	0	0	770,496	1,872,276	2,584,972	4,500,000	4,893,877	28,172,740	7,200,000	0	49,994,361
	102008	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	38,924,370	0	38,924,370	0	0	0	0	730,873	2,315,273	2,998,954	20,704,443	8,559,811	3,615,016	0	38,924,370
	102009	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	86,145,142	0	86,145,142	0	0	0	897,390	1,496,325	2,099,101	3,554,570	41,444,721	12,157,808	24,495,227	0	86,145,142
	102010	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	78,838,099	0	78,838,099	2,711,211	3,686,211	4,987,914	5,240,205	6,439,613	3,772,945	4,000,000	48,000,000	0	0	0	78,838,099
	102034	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	1,808,281,165	25,542	1,808,255,623	6,022,475	7,792,372	8,880,821	9,596,493	12,202,181	15,688,348	17,758,930	431,878,349	281,261,223	1,017,174,431	0	1,808,255,623
	102038	CDWWTP - CENTRATE INJECTION WELL (CE-4)	28,506,449	15,043,795	13,462,654	11,449,475	1,737,638	275,541	0	0	0	0	0	0	0	0	13,462,654
	102068	48-INCH FM CONNECTION IN NW 58 ST FROM NW 107 AVE TO NW 79 AVE - DORAL (CL-3)	41,142,881	0	41,142,881	0	0	0	0	0	572,977	1,541,031	2,677,143	28,588,232	7,763,498	0	41,142,881



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	
1040	102070	54-INCH FM FROM WP-1 (DORAL) TO WDWWT (CL-9)	101,460,507	0	101,460,507	0	0	0	0	595,366	2,570,013	3,503,357	5,168,894	61,224,794	9,772,039	18,626,044	101,460,507
	102071	72-INCH FM CONNECTION IN SW 137 AVE TO CL-4 FM IN NW 6 ST (CL-5)	20,698,564	0	20,698,564	0	0	0	0	0	768,440	1,902,441	2,000,559	13,759,319	2,083,878	183,927	20,698,564
	102073	CDWWTP - PEAK FLOW TREATMENT (CT-3)	57,599,504	0	57,599,504	0	0	0	0	0	550,000	5,613,482	4,999,059	37,380,899	4,687,847	4,368,217	57,599,504
	102075	DORAL BOOSTER STATION (WP-1)	31,428,869	0	31,428,869	0	0	0	507,385	2,234,570	2,183,439	3,777,357	20,872,557	1,847,223	6,338	0	31,428,869
	102076	EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWWT (CL-4)	181,472,193	0	181,472,193	0	0	0	1,174,185	3,294,832	2,940,441	5,961,784	49,783,530	79,628,425	36,023,914	2,665,082	181,472,193
	102080	NDWWTP - PEAK FLOW TREATMENT (NT-3)	41,562,312	0	41,562,312	0	0	0	0	125,026	3,083,624	3,464,252	3,502,146	27,192,367	3,850,508	344,389	41,562,312
	102092	WDWWTP - INJECTION WELL PUMP STATION (WE-1)	127,784,427	0	127,784,427	0	0	750,000	2,952,995	3,796,525	3,000,000	7,024,688	56,661,224	26,824,011	26,774,984	0	127,784,427
	102093	WDWWTP - INJECTION WELLS (WE-2)	120,084,613	0	120,084,613	0	2,779,861	3,848,779	4,525,474	4,518,384	3,000,000	6,646,444	15,162,166	12,032,440	67,571,065	0	120,084,613
	102094	WDWWTP - PEAK FLOW TREATMENT	40,046,645	0	40,046,645	0	0	0	0	0	550,000	1,448,080	2,734,182	14,174,683	16,598,977	4,540,723	40,046,645
	102096	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	24,253,177	745,940	23,507,237	2,338,921	7,637,230	9,654,938	2,822,357	1,053,791	0	0	0	0	0	0	23,507,237
	102125	WWTP - STORM SURGE PROTECTION (XS-1)	165,813,002	0	165,813,002	0	0	0	550,000	1,933,302	2,775,537	5,706,817	84,023,281	18,070,932	52,753,133	0	165,813,002
	102138	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	126,038,036	9,083,746	116,954,290	11,002,556	11,594,068	10,245,884	10,245,884	10,271,878	10,180,331	10,168,199	24,751,564	18,493,926	0	0	116,954,290



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1040	102150	SDWWTP INDUSTRIAL WASTE INJECTION WELLS (SE-2)	8,396,813	0	8,396,813	689,605	1,809,967	3,103,038	1,715,397	750,000	328,806	0	0	0	0	0	8,396,813
	102151	BZ EFFLUENT DISPOSAL PUMP STATION EXPANSION (SE-1)	34,688,456	0	34,688,456	0	1,779,621	2,474,801	3,189,351	3,978,228	3,492,559	4,773,896	4,000,000	11,000,000	0	0	34,688,456
		TOTAL - 1040	3,694,404,809	24,899,023	3,669,505,786	34,214,243	38,816,968	44,788,648	52,571,723	63,205,911	72,847,615	107,726,266	925,861,798	960,534,672	1,318,460,975	50,476,967	3,669,505,786
1041	101611	SANITARY SEWER SYSTEM ENHANCEMENTS	8,633,759	4,309,896	4,323,863	844,132	1,082,050	432,489	397,303	598,292	367,339	0	602,258	0	0	0	4,323,863
	101612	SANITARY SEWER NEEDS ASSESSMENT	3,529,012	1,304,224	2,224,788	219,722	368,988	526,088	511,043	488,947	70,000	40,000	0	0	0	0	2,224,788
	101796	UPGRADE OF MIAMI SPRINGS PUMP STATION AND CONTRACT SPECIFICATIONS	838,000	567,035	270,965	20,000	40,000	110,965	100,000	0	0	0	0	0	0	0	270,965
	101957	NW 37TH AVENUE - SEWER MAINS IMPROVEMENTS	5,110,500	1,308,971	3,801,529	1,000,000	1,081,000	924,054	370,000	426,475	0	0	0	0	0	0	3,801,529
		TOTAL - 1041	18,111,271	7,490,126	10,621,145	2,083,854	2,572,038	1,993,596	1,378,346	1,513,714	437,339	40,000	602,258	0	0	0	10,621,145
1042	101967	WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS	30,370,157	7,370,157	23,000,000	2,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	23,000,000
		TOTAL - 1042	30,370,157	7,370,157	23,000,000	2,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	23,000,000
1044	102500	SDWWTP - HEADWORKS	2,572,526	45,236	2,527,290	369,218	720,738	710,418	495,910	231,006	0	0	0	0	0	0	2,527,290
	102501	SDWWTP - OXYGEN PRODUCTION	15,193,638	266,741	14,926,897	984,848	2,018,710	4,683,860	3,878,190	1,750,000	1,611,289	0	0	0	0	0	14,926,897



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	
1044	102502	SDWWTP - OXYGENATION TRAINS	38,911,024	0	38,911,024	1,281,358	2,413,841	3,284,987	3,002,000	3,214,478	3,151,018	2,821,875	2,048,582	7,507,480	9,347,740	837,665	38,911,024
	102503	SDWWTP - CHLORINE BUILDING	3,333,328	0	3,333,328	0	0	86,495	83,760	10,887	990,949	2,108,581	52,656	0	0	0	3,333,328
	102504	SDWWTP - EFFLUENT PUMP STATION	39,560,789	2,512,694	37,048,095	1,580,579	3,194,430	2,984,137	3,825,621	4,381,361	3,329,084	4,733,122	8,019,761	5,000,000	0	0	37,048,095
	102505	SDWWTP - GRAVITY SLUDGE THICKENERS	41,009,392	0	41,009,392	0	0	0	0	750,000	2,500,000	3,483,804	15,130,206	19,145,382	0	0	41,009,392
	102506	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	81,390,286	627,262	80,763,024	3,102,357	574,648	3,211,435	3,339,083	3,549,395	2,898,458	2,887,648	41,000,000	20,200,000	0	0	80,763,024
	102507	SDWWTP - DEWATERING FACILITY	87,647,096	515,247	87,131,849	1,040,819	3,467,245	5,728,880	5,571,522	4,323,383	3,000,000	5,000,000	20,000,000	39,000,000	0	0	87,131,849
	102508	SDWWTP - FOG REMOVAL FACILITY	5,227,113	478,393	4,748,720	584,104	3,390,184	774,432	0	0	0	0	0	0	0	0	4,748,720
	102509	SDWWTP - ODOR CONTROL	16,705,360	0	16,705,360	0	0	0	476,636	421,783	1,175,576	3,507,965	11,050,336	73,064	0	0	16,705,360
	102510	SDWWTP - GENERAL ELECTRICAL	14,402,091	0	14,402,091	295,264	699,856	750,000	1,152,011	2,158,543	3,015,359	4,000,000	2,331,058	0	0	0	14,402,091
	102511	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	8,099,844	0	8,099,844	82,835	380,485	19,993	940,090	2,256,810	2,807,228	1,112,403	500,000	0	0	0	8,099,844
	102600	CDWWTP - ELECTRICAL IMPROVEMENTS	17,786,367	0	17,786,367	2,413,660	1,009,682	1,076,729	2,855,006	3,431,290	1,500,000	1,000,000	4,500,000	0	0	0	17,786,367
	102601	CDWWTP - BUILDING IMPROVEMENTS	4,690,716	99,868	4,590,848	2,023,357	2,278,100	158,958	17,066	17,112	17,066	17,066	17,066	17,112	13,004	14,941	4,590,848



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Total	
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		Future
1044	102602	HEADWORKS PLANT 1	18,394,229	956,681	17,437,548	5,248,141	7,087,573	5,101,834	0	0	0	0	0	0	0	0	17,437,548
	102603	CDWWTP - HEADWORKS PLANT 2	17,649,661	0	17,649,661	2,367,889	6,462,122	4,629,698	1,889,952	1,300,000	1,000,000	0	0	0	0	0	17,649,661
	102604	CDWWTP - OXYGENATION TRAINS PLANT 1	13,595,083	137,483	13,457,600	24,371	1,943,159	5,411,025	2,079,045	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	13,457,600
	102605	CDWWTP - OXYGENATION TRAINS PLANT 2	35,168,025	3,694,813	31,473,212	3,882,462	5,736,219	6,137,270	5,712,439	4,043,028	2,509,411	2,414,078	1,038,305	0	0	0	31,473,212
	102606	CDWWTP - SECONDARY CLARIFIERS PLANT 1	20,757,387	0	20,757,387	0	0	0	0	0	1,250,849	48,748	12,912	4,628,721	9,920,277	4,895,880	20,757,387
	102607	CDWWTP - SECONDARY CLARIFIERS PLANT 2	33,618,266	0	33,618,266	596,632	1,700,390	90,241	2,479,004	3,444,357	3,000,000	4,539,085	4,494,419	13,274,138	0	0	33,618,266
	102608	CDWWTP - RS PUMP STATIONS PLANT 1	15,771,273	0	15,771,273	0	0	0	0	0	120,381	736,083	124,192	3,533,436	7,537,336	3,719,845	15,771,273
	102609	CDWWTP - RS PUMP STATIONS PLANT 2	18,795,111	0	18,795,111	26,134	1,258,073	50,451	1,516,597	2,570,857	2,917,649	3,179,310	2,498,839	4,777,201	0	0	18,795,111
	102610	CDWWTP - EFFLUENT PUMP STATION	17,465,311	0	17,465,311	0	505,634	1,520,206	3,397,550	3,812,229	3,229,692	3,000,000	2,000,000	0	0	0	17,465,311
	102611	CDWWTP - SLUDGE THICKENERS PLANT 1	26,106,481	0	26,106,481	0	0	0	1,915,937	2,051,736	3,500,000	5,500,000	13,138,808	0	0	0	26,106,481
	102612	CDWWTP - SLUDGE THICKENERS PLANT 2	24,728,909	0	24,728,909	0	1,459,889	5,715,555	6,351,587	4,201,878	2,500,000	2,500,000	2,000,000	0	0	0	24,728,909
	102613	CDWWTP - DIGESTERS PLANT 1	102,054,226	0	102,054,226	0	0	0	0	553,218	1,108,740	1,832,356	20,558,426	30,597,793	40,149,556	7,254,137	102,054,226
	102614	CDWWTP - DIGESTERS PLANT 2	166,797,386	5,289,924	161,507,462	1,825,761	7,441,959	8,557,077	5,016,225	5,608,774	3,613,758	4,462,494	18,081,413	55,000,000	51,900,000	0	161,507,462



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1044	102615	CDWWTP - DEWATERING BUILDING	100,570,510	410,225	100,160,285	2,484,090	368,367	286,952	787,587	1,194,591	2,515,458	3,023,240	10,000,000	43,000,000	36,500,000	0	100,160,285
	102616	CDWWTP - CHLORINATION FACILITIES	20,959,229	345,391	20,613,838	6,984,614	10,060,362	3,568,862	0	0	0	0	0	0	0	0	20,613,838
	102617	CDWWTP - ODOR CONTROL SYSTEMS	23,662,235	0	23,662,235	272,182	1,393,465	135,703	2,269,727	3,907,022	3,000,000	3,000,000	9,684,136	0	0	0	23,662,235
	102618	CDWWTP - CO-GEN FACILITY	32,335,707	5,175,689	27,160,018	6,385,263	3,406,090	5,474,720	3,893,945	3,000,000	2,000,000	1,000,000	2,000,000	0	0	0	27,160,018
	102620	CDWWTP - PUMP STATION 1	19,944,766	10,812	19,933,954	1,000,000	201,415	1,099,127	3,223,035	3,410,377	3,000,000	3,000,000	5,000,000	0	0	0	19,933,954
	102621	CDWWTP - PUMP STATION 2	9,935,725	353,742	9,581,983	773,028	5,239,354	3,569,601	0	0	0	0	0	0	0	0	9,581,983
	102622	CDWWTP - O2 PLANT PROCESS CONTROLS PHASE 2	1,264,181	184,435	1,079,746	775,098	304,648	0	0	0	0	0	0	0	0	0	1,079,746
	102623	CDWWTP - GAS MONITORING	1,133,055	176,759	956,296	5,935	950,361	0	0	0	0	0	0	0	0	0	956,296
	102624	CDWWTP - VENTILATION IMPROVEMENTS	10,055,217	0	10,055,217	0	0	0	0	81,897	389,013	11,923	693,653	6,410,867	2,467,864	0	10,055,217
	102626	CDWWTP - OXYGEN PRODUCTION	39,954,620	626,176	39,328,444	436,066	750,000	1,817,985	2,518,315	3,000,231	3,500,000	4,751,847	3,000,000	18,000,000	1,554,000	0	39,328,444
	102628	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	180,151,069	16,309,282	163,841,787	17,511,310	17,255,253	17,404,910	12,930,585	12,693,922	12,825,160	12,455,799	12,338,430	10,536,490	10,400,629	27,489,299	163,841,787
	102700	NDWWTP - HEADWORKS AND SLUDGE DEGRITTING TRANSFER	35,078,614	2,939,079	32,139,535	7,683,003	8,997,516	7,932,370	2,526,646	2,000,000	1,500,000	1,500,000	0	0	0	0	32,139,535



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1044	102701	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	65,884,916	0	65,884,916	0	919,438	1,951,879	2,317,489	2,783,266	2,904,371	3,454,304	8,154,169	43,400,000	0	0	65,884,916
	102702	NDWWTP - OXYGENATION TRAINS	68,658,889	0	68,658,889	0	0	0	83,475	121,900	550,000	1,750,000	2,557,466	27,225,070	36,370,978	0	68,658,889
	102703	NDWWTP - OXYGEN PRODUCTION	19,657,168	0	19,657,168	0	85,301	357,284	614,584	700,695	1,617,746	2,129,287	5,408,825	8,743,446	0	0	19,657,168
	102704	NDWWTP - SECONDARY CLARIFIERS	104,911,828	3,284,683	101,627,145	10,060,151	4,851,109	2,711,671	5,627,534	1,698,805	1,640,160	1,693,965	9,292,482	17,790,648	18,417,948	27,842,672	101,627,145
	102705	NDWWTP - DISINFECTION	36,713,105	2,885,186	33,827,919	70,042	86,179	100,000	500,000	1,500,000	2,309,125	2,262,572	15,000,000	12,000,000	0	0	33,827,918
	102706	NDWWTP - EFFLUENT DISPOSAL	13,965,089	2,681,604	11,283,485	2,527,347	3,335,553	2,656,632	1,753,225	710,728	300,000	0	0	0	0	0	11,283,485
	102707	NDWWTP - PLANT WIDE ELECTRICAL	7,636,581	0	7,636,581	955,248	645,348	1,147,950	1,319,254	1,260,290	1,185,674	1,122,817	0	0	0	0	7,636,581
	102708	NDWWTP - FLOOD MITIGATION	1,240,637	583,616	657,021	372,404	284,617	0	0	0	0	0	0	0	0	0	657,021
	102709	NDWWTP - YARD PIPING REPLACEMENT	1,424,917	0	1,424,917	101,765	187,438	262,893	263,486	227,714	234,392	78,895	4,105	9,297	14,425	40,507	1,424,917
		TOTAL - 1044	1,682,568,976	50,591,021	1,631,977,955	86,127,335	113,064,751	111,162,220	96,624,118	93,373,563	91,217,606	101,119,267	252,730,245	389,870,145	224,593,757	72,094,946	1,631,977,953
1045	102800	COLLECTION SYSTEM I/I REPAIRS	129,196,977	5,739,474	123,457,503	9,648,329	9,523,363	9,523,363	5,523,363	3,549,454	3,523,363	3,523,363	3,523,363	5,549,454	69,570,088	0	123,457,503
	102802	GOVERNMENT CUT FM - PHASE 3	92,902,157	35,800,500	57,101,657	20,979,802	14,031,990	9,089,865	7,500,000	3,500,000	1,000,000	1,000,000	0	0	0	0	57,101,657



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	
1045	102803	NORTH DADE 72 INCH PCCP FM REHABILITATION	23,246,364	2,329,399	20,916,965	11,102,615	5,814,350	3,000,000	1,000,000	0	0	0	0	0	0	0	20,916,965
	102804	SOUTH DADE 54 INCH PCCP FM REHABILITATION	74,377,169	745,987	73,631,182	2,116,735	7,223,276	8,291,171	8,500,000	2,500,000	1,500,000	2,000,000	5,000,000	5,000,000	31,500,000	0	73,631,182
	102805	REPLACEMENT OF TAMIAMI CANAL AERIAL CROSSING FMS AT NW 37TH AVE	621,076	621,076	0	0	0	0	0	0	0	0	0	0	0	0	0
	102806	REPLACEMENT OF 18 INCH DIP FM IN MIAMI LAKES	1,000,000	0	1,000,000	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000
	102807	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	34,499,230	260,786	34,238,444	1,832,653	3,339,362	7,318,702	6,633,354	4,114,373	3,000,000	3,000,000	5,000,000	0	0	0	34,238,444
	102808	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	50,769,198	3,705,379	47,063,819	6,161,530	7,620,440	7,463,770	7,620,440	4,106,420	3,000,000	3,250,000	5,091,219	2,750,000	0	0	47,063,819
	102809	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	35,541,799	0	35,541,799	2,310,602	5,718,598	9,512,599	5,500,000	3,000,000	3,000,000	2,500,000	4,000,000	0	0	0	35,541,799
		TOTAL - 1045	442,153,970	49,202,601	392,951,369	55,152,266	53,271,379	54,199,470	42,277,157	20,770,247	15,023,363	15,273,363	22,614,582	13,299,454	101,070,088	0	392,951,369
1046	102900	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	20,473,468	1,188,532	19,284,936	1,371,921	3,673,861	5,292,162	3,946,991	2,000,000	2,000,000	1,000,000	0	0	0	0	19,284,935
	102901	UPGRADE OF PS#0691	4,537,302	83,231	4,454,071	359,525	366,401	2,938,572	789,573	0	0	0	0	0	0	0	4,454,071
	102902	UPGRADE OF PS#0692	13,855,148	422,144	13,433,004	632,724	770,792	3,224,351	4,805,137	3,000,000	1,000,000	0	0	0	0	0	13,433,004
	102903	REPLACEMENT OF SWITCHGEAR PS#0414	7,643,566	37,383	7,606,183	1,121,697	2,718,756	3,679,073	86,657	0	0	0	0	0	0	0	7,606,183



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1046	102904	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0415	10,921,442	36,744	10,884,698	672,340	642,707	2,641,456	3,928,195	3,000,000	0	0	0	0	0	0	10,884,698
	102905	REPLACEMENT OF SWITCHGEAR PS#0416	5,650,806	0	5,650,806	357,189	2,337,570	2,895,743	60,304	0	0	0	0	0	0	0	5,650,806
	102906	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0417	7,459,230	37,273	7,421,957	399,316	452,271	750,000	1,793,967	2,500,000	1,526,403	0	0	0	0	0	7,421,957
	102907	REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT IN PS#0107	2,700,192	30,718	2,669,474	20,000	3,717	1,744,117	901,640	0	0	0	0	0	0	0	2,669,474
	102908	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	5,053,537	144,122	4,909,415	565,316	2,265,174	2,031,006	47,919	0	0	0	0	0	0	0	4,909,415
	102909	UPGRADE OF PS#0488	1,016,892	52,310	964,582	31,886	362,020	558,005	12,671	0	0	0	0	0	0	0	964,582
	102910	INSTALLATION OF 60 INCH FM FROM KENDALL DR TO PS#0536	2,579,250	0	2,579,250	157,588	674,334	1,714,697	32,631	0	0	0	0	0	0	0	2,579,250
	102911	REPLACEMENT OF SWITCHGEAR AT PS#0187	15,962,836	266,299	15,696,537	1,503,127	3,085,217	4,784,508	3,166,547	2,000,000	1,157,138	0	0	0	0	0	15,696,537
	102912	REFURBISH EMERGENCY GENERATORS AND CONTROLS AT REGIONAL PUMP STATIONS	558,061	278,259	279,802	250,800	29,002	0	0	0	0	0	0	0	0	0	279,802
	102914	UPGRADE OF PS #0065, 0201, 0334, 0374, 0607	5,058,750	1,490,902	3,567,848	2,551,854	1,015,994	0	0	0	0	0	0	0	0	0	3,567,848
	102915	UPGRADE OF PS #00198, 0437, 0466, 0680	5,352,600	178,284	5,174,316	1,393,487	2,780,829	1,000,000	0	0	0	0	0	0	0	0	5,174,316



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1046	102916	UPGRADE OF PS #0037, 0351, 0370, 0403	10,266,177	0	10,266,177	970,442	1,598,308	2,697,427	2,000,000	1,500,000	1,500,000	0	0	0	0	0	10,266,177
	102917	UPGRADE OF PS #0441, 0491, 0710, 0827, 0852, 1236	6,852,758	0	6,852,758	0	807,279	2,939,360	2,106,119	1,000,000	0	0	0	0	0	0	6,852,758
	102918	SCADA RTU UPGRADES	4,970,204	4,297,981	672,223	672,223	0	0	0	0	0	0	0	0	0	0	672,223
		TOTAL - 1046	130,912,219	8,544,182	122,368,037	13,031,435	23,584,232	38,890,477	23,678,351	15,000,000	7,183,541	1,000,000	0	0	0	0	122,368,036
1047	103000	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - GRAVITY AND FORCE MAINS	189,705,749	0	189,705,749	463,004	1,964,570	7,497,099	10,874,653	6,465,048	8,453,913	25,000,000	28,437,462	100,550,000	0	0	189,705,749
	103001	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PUMP STATIONS	85,445,494	0	85,445,494	1,599,591	1,670,901	6,586,840	10,742,685	10,728,446	14,718,274	6,000,000	33,398,757	0	0	0	85,445,494
	103002	SUPPLEMENTAL ENVIRONMENT PROJECT (SEP)	4,761,909	127,322	4,634,587	3,192,107	560,799	881,681	0	0	0	0	0	0	0	0	4,634,587
		TOTAL - 1047	279,913,152	127,322	279,785,830	5,254,702	4,196,270	14,965,620	21,617,338	17,193,494	23,172,187	31,000,000	61,836,219	100,550,000	0	0	279,785,830
		TOTAL - Wastewater	10,570,869,137	327,786,858	10,243,082,280	368,425,456	411,931,372	464,721,311	454,688,603	444,181,970	450,668,452	473,440,000	2,206,928,139	2,241,434,821	1,857,491,903	869,170,250	10,243,082,277

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



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future			
1002	101638	NDWWTP - INJECTION WELLS PS UPGRADE	2017S	F	1,799,731	0	1,799,731	0	0	1,799,731	0	0	0	0	0	0	0	0	0	0	1,799,731
			2018S	F	2,499,187	0	2,499,187	0	0	0	2,499,187	0	0	0	0	0	0	0	0	0	2,499,187
			2019S	F	3,199,601	0	3,199,601	0	0	0	0	3,199,601	0	0	0	0	0	0	0	0	3,199,601
			2020S	F	4,078,253	0	4,078,253	0	0	0	0	0	4,078,253	0	0	0	0	0	0	0	4,078,253
			2021S	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
			FUT-S	F	15,000,000	0	15,000,000	0	0	0	0	0	0	0	15,000,000	0	0	0	0	0	15,000,000
			RB16S	F	423,229	0	423,229	0	423,229	0	0	0	0	0	0	0	0	0	0	0	423,229
		TOTAL - 101638			30,000,001	0	30,000,001	0	423,229	1,799,731	2,499,187	3,199,601	4,078,253	3,000,000	15,000,000	0	0	0	0	0	30,000,001
1002	101947	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	2017S	F	3,194,754	0	3,194,754	0	0	3,194,754	0	0	0	0	0	0	0	0	0	0	3,194,754
			2018S	F	2,554,299	0	2,554,299	0	0	0	2,554,299	0	0	0	0	0	0	0	0	0	2,554,299
			2019S	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
			EW658	A	100,000	0	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000
			EW660	A	700,000	0	700,000	700,000	0	0	0	0	0	0	0	0	0	0	0	0	700,000
			RB16S	F	1,408,256	0	1,408,256	0	1,408,256	0	0	0	0	0	0	0	0	0	0	0	1,408,256
		TOTAL - 101947			8,957,309	0	8,957,309	800,000	1,408,256	3,194,754	2,554,299	1,000,000	0	0	0	0	0	0	0	0	8,957,309
1002	102097	CHEMICALLY ENHANCED PRIMARY TREATMENT AT NDWWTP	2021S	F	180,000	0	180,000	0	0	0	0	0	0	180,000	0	0	0	0	0	0	180,000
			FUT-S	F	17,820,000	0	17,820,000	0	0	0	0	0	0	0	3,683,567	4,974,045	8,162,388	1,000,000	0	0	17,820,000
		TOTAL - 102097			18,000,000	0	18,000,000	0	0	0	0	0	0	180,000	3,683,567	4,974,045	8,162,388	1,000,000	0	0	18,000,000
1002	102147	NDWWTP CONSTRUCTION MANAGEMENT OFFICE	2017S	F	3,873,653	0	3,873,653	0	0	3,873,653	0	0	0	0	0	0	0	0	0	0	3,873,653



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future			
1002	102147	NDWWTP CONSTRUCTION MANAGEMENT OFFICE	2018S	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	
			EW658	A	237,744	0	237,744	237,744	0	0	0	0	0	0	0	0	0	0	0	0	237,744
			EW660	A	562,461	0	562,461	562,461	0	0	0	0	0	0	0	0	0	0	0	0	562,461
			RB16S	F	1,633,118	0	1,633,118	0	1,633,118	0	0	0	0	0	0	0	0	0	0	0	1,633,118
			TOTAL - 102147					7,306,976	0	7,306,976	800,205	1,633,118	3,873,653	1,000,000	0	0	0	0	0	0	0
1002	102148	NDWWTP INDUSTRIAL INJECTION WASTE WELLS (NE-5)	FUTFS	F	46,022,460	0	46,022,460	0	0	0	0	0	0	714,439	6,188,529	26,072,574	13,046,918	0	46,022,460		
			TOTAL - 102148				46,022,460	0	46,022,460	0	0	0	0	0	0	714,439	6,188,529	26,072,574	13,046,918	0	46,022,460
1002	102149	NDWWTP INDUSTRIAL PUMP STATION (NE-4)	FUTFS	F	54,202,482	0	54,202,482	0	0	0	0	0	0	2,733,885	3,811,001	34,232,914	13,424,682	0	54,202,482		
			TOTAL - 102149				54,202,482	0	54,202,482	0	0	0	0	0	0	2,733,885	3,811,001	34,232,914	13,424,682	0	54,202,482
TOTAL - 1002					164,489,228	0	164,489,228	1,600,205	3,464,603	8,868,138	6,053,486	4,199,601	4,078,253	3,180,000	22,131,891	14,973,575	68,467,876	27,471,600	164,489,228		
1003	101656	CDWWTP - SLUDGE HANDLING FACILITY	2017S	F	1,000,000	0	1,000,000	0	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000		
			EW660	A	584,006	0	584,006	584,006	0	0	0	0	0	0	0	0	0	0	0	584,006	
			RB16S	F	1,395,835	0	1,395,835	0	1,395,835	0	0	0	0	0	0	0	0	0	0	1,395,835	
			TOTAL - 101656				2,979,841	0	2,979,841	584,006	1,395,835	1,000,000	0	0	0	0	0	0	0	0	2,979,841
1003	101838	CDWWTP - 2 EMERGENCY GENERATORS	2017S	F	2,516,746	0	2,516,746	0	0	2,516,746	0	0	0	0	0	0	0	0	2,516,746		
			2018S	F	213,556	0	213,556	0	0	213,556	0	0	0	0	0	0	0	0	0	213,556	
			RB16S	F	269,698	0	269,698	0	269,698	0	0	0	0	0	0	0	0	0	0	269,698	
			TOTAL - 101838				3,000,000	0	3,000,000	0	269,698	2,516,746	213,556	0	0	0	0	0	0	0	3,000,000
1003	101910	CDWWTP - PLANT PROCESS CONTROLS	2019S	F	116,832	0	116,832	0	0	0	0	116,832	0	0	0	0	0	0	116,832		

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total			
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future				
1003	101910	CDWWTP - PLANT PROCESS CONTROLS	2020S	F	900,042	0	900,042	0	0	0	0	0	900,042	0	0	0	0	0	900,042			
			2021S	F	108,126	0	108,126	0	0	0	0	0	108,126	0	0	0	0	0	108,126			
			TOTAL - 101910					1,125,000	0	1,125,000	0	0	0	0	116,832	900,042	108,126	0	0	0	0	1,125,000
1003	101991	CDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION	FUTFS	F	8,500,000	0	8,500,000	0	0	0	0	0	0	985,641	2,385,028	5,129,331	0	0	8,500,000			
			TOTAL - 101991					8,500,000	0	8,500,000	0	0	0	0	985,641	2,385,028	5,129,331	0	0	8,500,000		
			TOTAL - 102132					3,321,000	1,460,138	1,860,862	1,660,862	200,000	0	0	0	0	0	0	0	0	1,860,862	
1003	102132	CDWWTP SUBSTATION 19 AND 20 EMERGENCY REPLACEMENT OF ABB SWITCHGEAR	EW658	A	2,321,000	1,460,138	860,862	860,862	0	0	0	0	0	0	0	0	0	0	860,862			
			EW660	A	800,000	0	800,000	800,000	0	0	0	0	0	0	0	0	0	0	800,000			
			RB16S	F	200,000	0	200,000	0	200,000	0	0	0	0	0	0	0	0	0	0	200,000		
			TOTAL - 102132					3,321,000	1,460,138	1,860,862	1,660,862	200,000	0	0	0	0	0	0	0	0	1,860,862	
			1003	102146	CDWWTP - CONSTRUCTION MANAGEMENT OFFICE	2017S	F	3,005,221	0	3,005,221	0	0	3,005,221	0	0	0	0	0	0	0	0	3,005,221
						2018S	F	1,500,000	0	1,500,000	0	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000
2019S	F	500,000				0	500,000	0	0	0	500,000	0	0	0	0	0	0	0	500,000			
EW658	A	211,820				0	211,820	211,820	0	0	0	0	0	0	0	0	0	0	211,820			
EW660	A	708,892				0	708,892	708,892	0	0	0	0	0	0	0	0	0	0	708,892			
RB16S	F	2,481,436				0	2,481,436	0	2,481,436	0	0	0	0	0	0	0	0	0	0	2,481,436		
TOTAL - 102146					8,407,369	0	8,407,369	920,712	2,481,436	3,005,221	1,500,000	500,000	0	0	0	0	0	8,407,369				
1003	102183	CDWWTP FOG RECOVERY STATION	2017S	F	2,000,000	0	2,000,000	0	0	2,000,000	0	0	0	0	0	0	0	0	2,000,000			
			2018S	F	4,000,000	0	4,000,000	0	0	0	4,000,000	0	0	0	0	0	0	0	4,000,000			

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total			
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future				
1003	102183	CDWWTW FOG RECOVERY STATION	2019S	F	3,000,000	0	3,000,000	0	0	0	0	3,000,000	0	0	0	0	0	0	0	3,000,000		
			2020S	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		
			RB16S	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	
			TOTAL - 102183					11,000,000	0	11,000,000	0	1,000,000	2,000,000	4,000,000	3,000,000	1,000,000	0	0	0	0	0	11,000,000
TOTAL - 1003					38,333,210	1,460,138	36,873,072	3,165,580	5,346,969	8,521,967	5,713,556	3,616,832	1,900,042	108,126	985,641	2,385,028	5,129,331	0	36,873,072			
1006	101768	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	2017S	F	1,943,007	0	1,943,007	0	0	1,943,007	0	0	0	0	0	0	0	0	0	0	1,943,007	
			2018S	F	1,565,253	0	1,565,253	0	0	0	1,565,253	0	0	0	0	0	0	0	0	0	0	1,565,253
			2019S	F	2,255,405	0	2,255,405	0	0	0	0	2,255,405	0	0	0	0	0	0	0	0	0	2,255,405
			2020S	F	3,111,862	0	3,111,862	0	0	0	0	0	3,111,862	0	0	0	0	0	0	0	0	3,111,862
			2021S	F	4,500,000	0	4,500,000	0	0	0	0	0	0	4,500,000	0	0	0	0	0	0	0	4,500,000
			EW660	A	375,756	0	375,756	375,756	0	0	0	0	0	0	0	0	0	0	0	0	0	375,756
			FUT-S	F	11,500,000	0	11,500,000	0	0	0	0	0	0	0	11,500,000	0	0	0	0	0	0	11,500,000
			RB16S	F	1,697,565	0	1,697,565	0	1,697,565	0	0	0	0	0	0	0	0	0	0	0	0	1,697,565
TOTAL - 101768					26,948,848	0	26,948,848	375,756	1,697,565	1,943,007	1,565,253	2,255,405	3,111,862	4,500,000	11,500,000	0	0	0	0	26,948,848		
1006	101769	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - HOMESTEAD EAST	2017S	F	400,993	0	400,993	0	0	400,993	0	0	0	0	0	0	0	0	0	0	400,993	
			2018S	F	1,396,934	0	1,396,934	0	0	0	1,396,934	0	0	0	0	0	0	0	0	0	0	1,396,934
			2019S	F	3,560,816	0	3,560,816	0	0	0	0	3,560,816	0	0	0	0	0	0	0	0	0	3,560,816
			2020S	F	606,103	0	606,103	0	0	0	0	0	606,103	0	0	0	0	0	0	0	0	606,103
			EW660	A	90,986	0	90,986	90,986	0	0	0	0	0	0	0	0	0	0	0	0	0	90,986



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1006	101769	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - HOMESTEAD EAST	RB16S	F	600,043	0	600,043	0	600,043	0	0	0	0	0	0	0	0	0	0	600,043
TOTAL - 101769					6,655,875	0	6,655,875	90,986	600,043	400,993	1,396,934	3,560,816	606,103	0	0	0	0	0	0	6,655,875
1006	102055	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	2017S	F	2,336,392	0	2,336,392	0	0	2,336,392	0	0	0	0	0	0	0	0	0	2,336,392
			2018S	F	3,467,063	0	3,467,063	0	0	0	3,467,063	0	0	0	0	0	0	0	0	3,467,063
			2019S	F	4,266,965	0	4,266,965	0	0	0	0	4,266,965	0	0	0	0	0	0	0	4,266,965
			2020S	F	4,174,538	0	4,174,538	0	0	0	0	0	4,174,538	0	0	0	0	0	0	4,174,538
			2021S	F	4,000,000	0	4,000,000	0	0	0	0	0	0	4,000,000	0	0	0	0	0	4,000,000
			EW660	A	733,823	0	733,823	733,823	0	0	0	0	0	0	0	0	0	0	0	733,823
			FUT-S	F	53,000,000	0	53,000,000	0	0	0	0	0	0	0	24,000,000	29,000,000	0	0	0	53,000,000
			RB16S	F	1,875,857	0	1,875,857	0	1,875,857	0	0	0	0	0	0	0	0	0	0	1,875,857
TOTAL - 102055					73,854,638	0	73,854,638	733,823	1,875,857	2,336,392	3,467,063	4,266,965	4,174,538	4,000,000	24,000,000	29,000,000	0	0	0	73,854,638
1006	102056	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	2017S	F	2,602,132	0	2,602,132	0	0	2,602,132	0	0	0	0	0	0	0	0	0	2,602,132
			2018S	F	3,107,174	0	3,107,174	0	0	0	3,107,174	0	0	0	0	0	0	0	0	3,107,174
			2019S	F	4,805,437	0	4,805,437	0	0	0	0	4,805,437	0	0	0	0	0	0	0	4,805,437
			2020S	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
			2021S	F	3,000,000	0	3,000,000	0	0	0	0	0	0	3,000,000	0	0	0	0	0	3,000,000
			EW660	A	434,714	0	434,714	434,714	0	0	0	0	0	0	0	0	0	0	0	434,714
			FUT-S	F	8,500,000	0	8,500,000	0	0	0	0	0	0	0	3,000,000	5,500,000	0	0	0	8,500,000
			RB16S	F	1,776,548	0	1,776,548	0	1,776,548	0	0	0	0	0	0	0	0	0	0	1,776,548



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		Future	
		TOTAL - 102056			27,726,005	0	27,726,005	434,714	1,776,548	2,602,132	3,107,174	4,805,437	3,500,000	3,000,000	3,000,000	5,500,000	0	0	27,726,005	
1006	102102	SDWWTP FA MONITORING WELL REPLACEMENT	2017S	F	441,407	0	441,407	0	0	441,407	0	0	0	0	0	0	0	0	0	441,407
			2018S	F	6,086,368	0	6,086,368	0	0	0	6,086,368	0	0	0	0	0	0	0	0	6,086,368
			2019S	F	278,966	0	278,966	0	0	0	0	278,966	0	0	0	0	0	0	0	278,966
			EW660	A	109,631	0	109,631	109,631	0	0	0	0	0	0	0	0	0	0	0	109,631
			RB16S	F	1,103,436	0	1,103,436	0	1,103,436	0	0	0	0	0	0	0	0	0	0	1,103,436
		TOTAL - 102102			8,019,808	0	8,019,808	109,631	1,103,436	441,407	6,086,368	278,966	0	0	0	0	0	0	0	8,019,808
		TOTAL - 1006			143,205,174	0	143,205,174	1,744,910	7,053,449	7,723,931	15,622,792	15,167,589	11,392,503	11,500,000	38,500,000	34,500,000	0	0	143,205,174	
1007	101650	SDWWTP - INSTALLATION OF CO-GEN UNITS 4 & 5	EW646	A	18,863,484	18,863,484	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	9,137,064	9,137,064	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	3,999,452	0	3,999,452	3,999,452	0	0	0	0	0	0	0	0	0	0	0	3,999,452
		TOTAL - 101650			32,000,000	28,000,548	3,999,452	3,999,452	0	0	0	0	0	0	0	0	0	0	0	3,999,452
1007	101993	SDWWTP CENTRATE TREATMENT PROCESS	FUTFS	F	105,000,000	0	105,000,000	0	0	0	0	0	0	0	1,050,000	22,234,397	11,269,808	70,445,795	105,000,000	
		TOTAL - 101993			105,000,000	0	105,000,000	0	0	0	0	0	0	0	1,050,000	22,234,397	11,269,808	70,445,795	105,000,000	
1007	101994	SDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION - 8870	FUTFS	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	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	7,500,000	
1007	101995	SDWWTP SUSTAINABILITY CARBON DIOXIDE SEQUESTERING WITH EFFLUENT REUSE - 7880	FUTFS	F	70,000,000	0	70,000,000	0	0	0	0	0	0	0	700,000	16,947,688	5,757,803	46,594,509	70,000,000	
		TOTAL - 101995			70,000,000	0	70,000,000	0	0	0	0	0	0	0	700,000	16,947,688	5,757,803	46,594,509	70,000,000	

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1007	102184	SDWWTP FOG RECOVERY STATION	2017S	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
			2018S	F	4,000,000	0	4,000,000	0	0	0	4,000,000	0	0	0	0	0	0	0	0	4,000,000
			2019S	F	3,000,000	0	3,000,000	0	0	0	0	3,000,000	0	0	0	0	0	0	0	3,000,000
			2020S	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
			EW660	A	1,000,000	0	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000
		TOTAL - 102184			11,000,000	0	11,000,000	0	1,000,000	2,000,000	4,000,000	3,000,000	1,000,000	0	0	0	0	0	0	11,000,000
		TOTAL - 1007			225,500,000	28,000,548	197,499,452	3,999,452	1,000,000	2,000,000	4,000,000	3,000,000	1,000,000	0	2,806,765	41,595,320	21,057,611	117,040,304	197,499,452	
1008	101924	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	2017S	F	211,613	0	211,613	0	0	211,613	0	0	0	0	0	0	0	0	0	211,613
			2018S	F	268,986	0	268,986	0	0	0	268,986	0	0	0	0	0	0	0	0	268,986
			2019S	F	582,338	0	582,338	0	0	0	0	582,338	0	0	0	0	0	0	0	582,338
			2020S	F	2,987,087	0	2,987,087	0	0	0	0	2,987,087	0	0	0	0	0	0	0	2,987,087
			2021S	F	3,749,976	0	3,749,976	0	0	0	0	0	3,749,976	0	0	0	0	0	0	3,749,976
			FUT-S	F	7,200,000	0	7,200,000	0	0	0	0	0	0	7,200,000	0	0	0	0	0	7,200,000
		TOTAL - 101924			15,000,000	0	15,000,000	0	0	211,613	268,986	582,338	2,987,087	3,749,976	7,200,000	0	0	0	0	15,000,000
1008	101985	WASTEWATER FORCE MAINS UPGRADES	FUTFS	F	30,000,000	0	30,000,000	0	0	0	0	0	0	30,000,000	0	0	0	0	0	30,000,000
		TOTAL - 101985			30,000,000	0	30,000,000	0	0	0	0	0	0	30,000,000	0	0	0	0	0	30,000,000
1008	101986	18 INCH DIP FM FROM ISLAND DRIVE	2017S	F	3,891,187	0	3,891,187	0	0	3,891,187	0	0	0	0	0	0	0	0	0	3,891,187
			EW660	A	405,402	0	405,402	405,402	0	0	0	0	0	0	0	0	0	0	0	405,402

Prepared by Capital Planning and Coordination Section



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1008	101986	18 INCH DIP FM FROM ISLAND DRIVE	RB16S	F	377,325	0	377,325	0	377,325	0	0	0	0	0	0	0	0	0	0	377,325
		TOTAL - 101986			4,673,914	0	4,673,914	405,402	377,325	3,891,187	0	0	0	0	0	0	0	0	0	4,673,914
1008	102012	SOUTHWEST DADE BOOSTER STATION (SP-1)	2017S	F	1,416,198	0	1,416,198	0	0	1,416,198	0	0	0	0	0	0	0	0	0	1,416,198
			2018S	F	220,081	0	220,081	0	0	0	220,081	0	0	0	0	0	0	0	0	220,081
			2019S	F	3,881,500	0	3,881,500	0	0	0	0	3,881,500	0	0	0	0	0	0	0	3,881,500
			2020S	F	4,447,282	0	4,447,282	0	0	0	0	4,447,282	0	0	0	0	0	0	0	4,447,282
			2021S	F	5,000,000	0	5,000,000	0	0	0	0	0	5,000,000	0	0	0	0	0	0	5,000,000
			EW660	A	696,428	0	696,428	696,428	0	0	0	0	0	0	0	0	0	0	0	696,428
			FUT-S	F	57,400,000	0	57,400,000	0	0	0	0	0	0	12,000,000	45,400,000	0	0	0	0	57,400,000
			RB16S	F	1,938,511	0	1,938,511	0	1,938,511	0	0	0	0	0	0	0	0	0	0	1,938,511
		TOTAL - 102012			75,000,000	0	75,000,000	696,428	1,938,511	1,416,198	220,081	3,881,500	4,447,282	5,000,000	12,000,000	45,400,000	0	0	0	75,000,000
1008	102036	6" FM FROM PS 316 TO MH 126 ON COLLINS AVE	EW658	A	284,772	253,882	30,890	30,890	0	0	0	0	0	0	0	0	0	0	0	30,890
		TOTAL - 102036			284,772	253,882	30,890	30,890	0	0	0	0	0	0	0	0	0	0	0	30,890
1008	102041	DORAL BASIN UPGRADE - 24 INCH FORCE MAIN NW 74TH ST FROM NW 97 TO NW 107 AVE. (CL-6)	2017S	F	1,517,780	0	1,517,780	0	0	1,517,780	0	0	0	0	0	0	0	0	0	1,517,780
			2018S	F	500,000	0	500,000	0	0	0	500,000	0	0	0	0	0	0	0	0	500,000
			EW623	A	1,444,520	0	1,444,520	503,460	941,060	0	0	0	0	0	0	0	0	0	0	1,444,520
		TOTAL - 102041			3,462,300	0	3,462,300	503,460	941,060	1,517,780	500,000	0	0	0	0	0	0	0	0	3,462,300
1008	102042	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	2020S	F	3,815,917	0	3,815,917	0	0	0	0	0	3,815,917	0	0	0	0	0	0	3,815,917

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future			
1008	102042	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	2021S	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	
			EW623	A	8,684,083	0	8,684,083	0	138,630	1,068,519	2,781,090	4,695,844	0	0	0	0	0	0	0	0	8,684,083
			FUT-S	F	3,000,000	0	3,000,000	0	0	0	0	0	0	0	3,000,000	0	0	0	0	0	3,000,000
			TOTAL - 102042					16,500,000	0	16,500,000	0	138,630	1,068,519	2,781,090	4,695,844	3,815,917	1,000,000	3,000,000	0	0	0
1008	102043	DORAL BASIN UPGRADE - P.S. 14 UPGRADE - COUNTY SHARE	EW623	A	223,639	0	223,639	223,639	0	0	0	0	0	0	0	0	0	0	0	223,639	
			EW658	A	161,945	0	161,945	161,945	0	0	0	0	0	0	0	0	0	0	0	0	161,945
			TOTAL - 102043					385,584	0	385,584	385,584	0	0	0	0	0	0	0	0	0	0
1008	102064	24-INCH FM FROM PS 416 TO 30-INCH FM AT NW 171 ST / 67 AVE (NL-6)	2018S	F	110,411	0	110,411	0	0	0	110,411	0	0	0	0	0	0	0	0	110,411	
			2019S	F	407,946	0	407,946	0	0	0	0	407,946	0	0	0	0	0	0	0	0	407,946
			2020S	F	590,002	0	590,002	0	0	0	0	0	590,002	0	0	0	0	0	0	0	590,002
			2021S	F	2,407,513	0	2,407,513	0	0	0	0	0	0	2,407,513	0	0	0	0	0	0	2,407,513
			FUT-S	F	3,064,128	0	3,064,128	0	0	0	0	0	0	0	3,064,128	0	0	0	0	0	3,064,128
			TOTAL - 102064					6,580,000	0	6,580,000	0	0	0	110,411	407,946	590,002	2,407,513	3,064,128	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	2018S	F	103,026	0	103,026	0	0	0	103,026	0	0	0	0	0	0	0	0	103,026	
			2019S	F	379,362	0	379,362	0	0	0	0	379,362	0	0	0	0	0	0	0	0	379,362
			2020S	F	456,404	0	456,404	0	0	0	0	0	456,404	0	0	0	0	0	0	0	456,404
			2021S	F	2,028,583	0	2,028,583	0	0	0	0	0	0	2,028,583	0	0	0	0	0	0	2,028,583
			TOTAL - 102065					3,967,375	0	3,967,375	0	0	103,026	379,362	456,404	2,028,583	0	0	0	0	0

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
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	FUT-S	F	3,152,625	0	3,152,625	0	0	0	0	0	0	0	3,152,625	0	0	0	3,152,625
TOTAL - 102065					6,120,000	0	6,120,000	0	0	0	103,026	379,362	456,404	2,028,583	3,152,625	0	0	0	6,120,000
1008	102066	30-INCH FORCE MAIN IN W 12 AVE (NW 67 AVE) FROM W 79 ST TO W 84 ST (NW 138 ST) (NL-3)	2019S	F	20,801	0	20,801	0	0	0	0	20,801	0	0	0	0	0	0	20,801
			2020S	F	230,249	0	230,249	0	0	0	0	0	230,249	0	0	0	0	0	230,249
			2021S	F	1,407,475	0	1,407,475	0	0	0	0	0	0	1,407,475	0	0	0	0	1,407,475
			FUT-S	F	1,101,475	0	1,101,475	0	0	0	0	0	0	0	1,101,475	0	0	0	1,101,475
TOTAL - 102066					2,760,000	0	2,760,000	0	0	0	0	20,801	230,249	1,407,475	1,101,475	0	0	0	2,760,000
1008	102069	48-INCH FORCE MAIN CONNECTION FROM NW 62 AVE AT W 77 ST TO DISCHARGE FORCE MAIN OF PS 307 (NL-4)	2018S	F	230,894	0	230,894	0	0	0	230,894	0	0	0	0	0	0	0	230,894
			2019S	F	1,010,871	0	1,010,871	0	0	0	0	1,010,871	0	0	0	0	0	0	1,010,871
			2020S	F	1,205,440	0	1,205,440	0	0	0	0	0	1,205,440	0	0	0	0	0	1,205,440
			2021S	F	3,288,232	0	3,288,232	0	0	0	0	0	0	3,288,232	0	0	0	0	3,288,232
			FUT-S	F	10,404,563	0	10,404,563	0	0	0	0	0	0	0	10,404,563	0	0	0	10,404,563
TOTAL - 102069					16,140,000	0	16,140,000	0	0	0	230,894	1,010,871	1,205,440	3,288,232	10,404,563	0	0	0	16,140,000
1008	102072	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	2017S	F	1,638,647	0	1,638,647	0	0	1,638,647	0	0	0	0	0	0	0	0	1,638,647
			2018S	F	166,012	0	166,012	0	0	0	166,012	0	0	0	0	0	0	0	166,012
			2019S	F	7,000,000	0	7,000,000	0	0	0	0	7,000,000	0	0	0	0	0	0	7,000,000

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1008	102072	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	2020S	F	7,000,000	0	7,000,000	0	0	0	0	0	7,000,000	0	0	0	0	0	0	7,000,000
			2021S	F	5,000,000	0	5,000,000	0	0	0	0	0	0	5,000,000	0	0	0	0	0	5,000,000
			EW660	A	686,635	0	686,635	686,635	0	0	0	0	0	0	0	0	0	0	0	686,635
			FUT-S	F	37,200,000	0	37,200,000	0	0	0	0	0	0	7,000,000	5,000,000	16,200,000	9,000,000	0	0	37,200,000
			RB16S	F	1,400,706	0	1,400,706	0	1,400,706	0	0	0	0	0	0	0	0	0	0	1,400,706
		TOTAL - 102072			60,092,000	0	60,092,000	686,635	1,400,706	1,638,647	166,012	7,000,000	7,000,000	5,000,000	7,000,000	5,000,000	16,200,000	9,000,000	0	60,092,000
1008	102082	NORTH DADE BOOSTER STATION AT NW 183 ST / NW 57 AVE (NP-1)	2017S	F	473,740	0	473,740	0	0	473,740	0	0	0	0	0	0	0	0	0	473,740
			2018S	F	285,896	0	285,896	0	0	0	285,896	0	0	0	0	0	0	0	0	285,896
			2019S	F	1,777,459	0	1,777,459	0	0	0	0	1,777,459	0	0	0	0	0	0	0	1,777,459
			2020S	F	3,547,166	0	3,547,166	0	0	0	0	0	3,547,166	0	0	0	0	0	0	3,547,166
			2021S	F	4,327,192	0	4,327,192	0	0	0	0	0	0	4,327,192	0	0	0	0	0	4,327,192
			FUT-S	F	4,400,000	0	4,400,000	0	0	0	0	0	0	0	3,000,000	1,400,000	0	0	0	4,400,000
			RB16S	F	188,547	0	188,547	0	188,547	0	0	0	0	0	0	0	0	0	0	188,547
		TOTAL - 102082			15,000,000	0	15,000,000	0	188,547	473,740	285,896	1,777,459	3,547,166	4,327,192	3,000,000	1,400,000	0	0	0	15,000,000
1008	102086	UPGRADE PS 416 (NP-416E)	2017S	F	811,373	0	811,373	0	0	811,373	0	0	0	0	0	0	0	0	0	811,373
			2018S	F	329,034	0	329,034	0	0	0	329,034	0	0	0	0	0	0	0	0	329,034
			2019S	F	3,114,161	0	3,114,161	0	0	0	0	3,114,161	0	0	0	0	0	0	0	3,114,161
			2020S	F	2,000,000	0	2,000,000	0	0	0	0	0	2,000,000	0	0	0	0	0	0	2,000,000
			2021S	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
			EW660	A	609,256	0	609,256	609,256	0	0	0	0	0	0	0	0	0	0	0	609,256

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1008	102086	UPGRADE PS 416 (NP-416E)	FUT-S	F	1,800,000	0	1,800,000	0	0	0	0	0	0	0	1,800,000	0	0	0	1,800,000
			RB16S	F	336,176	0	336,176	0	336,176	0	0	0	0	0	0	0	0	0	336,176
		TOTAL - 102086			10,000,000	0	10,000,000	609,256	336,176	811,373	329,034	3,114,161	2,000,000	1,000,000	1,800,000	0	0	0	10,000,000
1008	102121	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	2017S	F	2,784,694	0	2,784,694	0	0	2,784,694	0	0	0	0	0	0	0	0	2,784,694
			2018S	F	500,000	0	500,000	0	0	0	500,000	0	0	0	0	0	0	0	500,000
			2019S	F	2,724,128	0	2,724,128	0	0	0	0	2,724,128	0	0	0	0	0	0	2,724,128
			2020S	F	2,957,376	0	2,957,376	0	0	0	0	2,957,376	0	0	0	0	0	0	2,957,376
			2021S	F	7,000,000	0	7,000,000	0	0	0	0	0	7,000,000	0	0	0	0	0	7,000,000
			EW660	A	550,000	0	550,000	550,000	0	0	0	0	0	0	0	0	0	0	550,000
			FUT-S	F	28,153,957	0	28,153,957	0	0	0	0	0	0	28,153,957	0	0	0	28,153,957	
			RB16S	F	2,579,845	0	2,579,845	0	2,579,845	0	0	0	0	0	0	0	0	0	2,579,845
		TOTAL - 102121			47,250,000	0	47,250,000	550,000	2,579,845	2,784,694	500,000	2,724,128	2,957,376	7,000,000	28,153,957	0	0	0	47,250,000
1008	102153	60-INCH WEST MIAMI-DADE FORCE MAIN - NORTH	FUTFS	F	318,835,001	0	318,835,001	0	0	0	0	0	0	12,191,101	16,116,302	10,671,972	279,855,626	318,835,001	
		TOTAL - 102153			318,835,001	0	318,835,001	0	0	0	0	0	0	12,191,101	16,116,302	10,671,972	279,855,626	318,835,001	
1008	102154	60-INCH WEST MIAMI-DADE FORCE MAIN - SOUTH	FUTFS	F	239,121,998	0	239,121,998	0	0	0	0	0	0	9,143,163	12,087,011	8,003,836	209,887,988	239,121,998	
		TOTAL - 102154			239,121,998	0	239,121,998	0	0	0	0	0	0	9,143,163	12,087,011	8,003,836	209,887,988	239,121,998	
1008	102155	CL-8; 24-INCH CONNECTION IN SW 8TH ST. FROM SW 152ND AVE. TO 177TH AVE.	FUTFS	F	11,240,000	0	11,240,000	0	0	0	0	0	0	658,802	583,348	3,375,033	6,622,817	11,240,000	
		TOTAL - 102155			11,240,000	0	11,240,000	0	0	0	0	0	0	658,802	583,348	3,375,033	6,622,817	11,240,000	

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1008	102181	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	2017S	F	312,287	0	312,287	0	0	312,287	0	0	0	0	0	0	0	0	0	312,287
			2018S	F	215,134	0	215,134	0	0	0	215,134	0	0	0	0	0	0	0	0	215,134
			2019S	F	1,464,497	0	1,464,497	0	0	0	0	1,464,497	0	0	0	0	0	0	0	1,464,497
			2020S	F	2,312,417	0	2,312,417	0	0	0	0	0	2,312,417	0	0	0	0	0	0	2,312,417
			2021S	F	3,072,293	0	3,072,293	0	0	0	0	0	0	3,072,293	0	0	0	0	0	3,072,293
			FUT-S	F	82,739,294	0	82,739,294	0	0	0	0	0	0	0	65,000,000	17,739,294	0	0	0	82,739,294
			RB16S	F	22,079	0	22,079	0	22,079	0	0	0	0	0	0	0	0	0	0	22,079
		TOTAL - 102181			90,138,001	0	90,138,001	0	22,079	312,287	215,134	1,464,497	2,312,417	3,072,293	65,000,000	17,739,294	0	0	0	90,138,001
1008	102187	48-INCH LINING FROM PS300 TO NDWWTP (XL-1)	2020S	F	752,124	0	752,124	0	0	0	0	0	752,124	0	0	0	0	0	0	752,124
			2021S	F	2,250,725	0	2,250,725	0	0	0	0	0	0	2,250,725	0	0	0	0	0	2,250,725
			FUT-S	F	23,090,626	0	23,090,626	0	0	0	0	0	0	0	1,386,777	19,188,426	2,515,423	0	0	23,090,626
		TOTAL - 102187			26,093,475	0	26,093,475	0	0	0	0	0	752,124	2,250,725	1,386,777	19,188,426	2,515,423	0	0	26,093,475
1008	102189	FM EXT. FROM 36-INCH AT NW 87 AVE / W 76 ST TO 48-INCH IN NW 67 AVE (NL-2)	FUT-S	F	35,213,740	0	35,213,740	0	0	0	0	0	0	0	13,758,162	2,505,239	3,230,337	15,720,002	0	35,213,740
		TOTAL - 102189			35,213,740	0	35,213,740	0	0	0	0	0	0	0	13,758,162	2,505,239	3,230,337	15,720,002	0	35,213,740
1008	102190	42-INCH FM FROM PS306 - RED ROAD (NL-1C)	2021S	F	1,738,501	0	1,738,501	0	0	0	0	0	0	1,738,501	0	0	0	0	0	1,738,501
			FUT-S	F	33,613,950	0	33,613,950	0	0	0	0	0	0	0	3,836,009	26,046,794	3,731,147	0	0	33,613,950
		TOTAL - 102190			35,352,451	0	35,352,451	0	0	0	0	0	0	1,738,501	3,836,009	26,046,794	3,731,147	0	0	35,352,451
1008	102191	PUMP STATION 0306 (PS-306)	2020S	F	1,004,308	0	1,004,308	0	0	0	0	0	1,004,308	0	0	0	0	0	0	1,004,308
			2021S	F	2,552,466	0	2,552,466	0	0	0	0	0	0	0	2,552,466	0	0	0	0	2,552,466

Prepared by Capital Planning and Coordination Section



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1008	102191	PUMP STATION 0306 (PS-306)	FUT-S	F	51,804,476	0	51,804,476	0	0	0	0	0	0	0	5,025,296	46,779,180	0	0	51,804,476	
		TOTAL - 102191			55,361,250	0	55,361,250	0	0	0	0	0	1,004,308	2,552,466	5,025,296	46,779,180	0	0	55,361,250	
		TOTAL - 1008			1,120,604,486	253,882	1,120,350,604	3,867,655	7,922,879	14,126,038	5,710,564	27,058,907	33,305,772	45,822,956	220,876,058	192,845,594	47,727,748	521,086,433	1,120,350,604	
1009	101757	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	2017S	F	6,785,000	0	6,785,000	0	0	6,785,000	0	0	0	0	0	0	0	0	0	6,785,000
			2018S	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
			2019S	F	7,656,480	0	7,656,480	0	0	0	0	7,656,480	0	0	0	0	0	0	0	7,656,480
			2020S	F	5,000,000	0	5,000,000	0	0	0	0	5,000,000	0	0	0	0	0	0	0	5,000,000
			2021S	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
			EW623	A	2,733,547	310,507	2,423,040	291,383	2,131,657	0	0	0	0	0	0	0	0	0	0	2,423,040
			EW658	A	1,555,259	771,642	783,617	783,617	0	0	0	0	0	0	0	0	0	0	0	783,617
			FUT-S	F	14,750,000	0	14,750,000	0	0	0	0	0	0	0	8,250,000	6,500,000	0	0	0	14,750,000
			RB16S	F	3,368,343	0	3,368,343	0	3,368,343	0	0	0	0	0	0	0	0	0	0	3,368,343
		TOTAL - 101757			53,098,629	1,082,150	52,016,479	1,075,000	5,500,000	6,785,000	7,500,000	7,656,480	5,000,000	3,750,000	8,250,000	6,500,000	0	0	52,016,480	
1009	101840	REPLACEMENT OF ANVIC DRIVES AND SWITCHGEAR AT PS#0536	EW646	A	2,847,486	2,847,486	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	2,102,514	1,298,988	803,526	803,526	0	0	0	0	0	0	0	0	0	0	0	803,526
		TOTAL - 101840			4,950,000	4,146,474	803,526	803,526	0	0	0	0	0	0	0	0	0	0	0	803,526
1009	101996	12 INCH DIP FM AT SW 87 AVE - 6850	FUTFS	F	828,000	0	828,000	0	0	0	0	0	0	828,000	0	0	0	0	0	828,000
		TOTAL - 101996			828,000	0	828,000	0	0	0	0	0	0	828,000	0	0	0	0	0	828,000

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	
1009	102045	P.S. 2 BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	EW623	A	59,731,556	121,321	59,610,235	528,329	1,693,110	2,846,856	3,100,341	4,344,288	5,697,311	7,000,000	7,400,000	27,000,000	0	0	59,610,235
TOTAL - 102045					59,731,556	121,321	59,610,235	528,329	1,693,110	2,846,856	3,100,341	4,344,288	5,697,311	7,000,000	7,400,000	27,000,000	0	0	59,610,235
1009	102046	P.S. 2 BASIN UPGRADE - P.S. 2 UPGRADE	2017S	F	77,987	0	77,987	0	0	77,987	0	0	0	0	0	0	0	0	77,987
			2018S	F	861,908	0	861,908	0	0	0	861,908	0	0	0	0	0	0	0	861,908
			2019S	F	1,183,743	0	1,183,743	0	0	0	0	1,183,743	0	0	0	0	0	0	1,183,743
			2020S	F	5,420,662	0	5,420,662	0	0	0	0	0	5,420,662	0	0	0	0	0	5,420,662
			2021S	F	5,179,977	0	5,179,977	0	0	0	0	0	0	5,179,977	0	0	0	0	5,179,977
			EW623	A	2,750,000	653,562	2,096,438	2,096,438	0	0	0	0	0	0	0	0	0	0	2,096,438
			FUT-S	F	7,005,715	0	7,005,715	0	0	0	0	0	0	0	4,627,104	2,332,725	45,886	0	7,005,715
			RB16S	F	50,000	0	50,000	0	50,000	0	0	0	0	0	0	0	0	0	50,000
TOTAL - 102046					22,529,992	653,562	21,876,430	2,096,438	50,000	77,987	861,908	1,183,743	5,420,662	5,179,977	4,627,104	2,332,725	45,886	0	21,876,430
1009	102074	COCONUT GROVE REROUTE	2017S	F	4,684,450	0	4,684,450	0	0	4,684,450	0	0	0	0	0	0	0	0	4,684,450
			2018S	F	1,438,920	0	1,438,920	0	0	0	1,438,920	0	0	0	0	0	0	0	1,438,920
			EW660	A	201,613	0	201,613	201,613	0	0	0	0	0	0	0	0	0	0	201,613
			RB16S	F	847,335	0	847,335	0	847,335	0	0	0	0	0	0	0	0	0	847,335
TOTAL - 102074					7,172,318	0	7,172,318	201,613	847,335	4,684,450	1,438,920	0	0	0	0	0	0	0	7,172,318
1009	102156	DOWNTOWN BOOSTER STATION (CP-1)	2017S	F	3,652,005	0	3,652,005	0	0	3,652,005	0	0	0	0	0	0	0	0	3,652,005
			2018S	F	4,500,000	0	4,500,000	0	0	0	4,500,000	0	0	0	0	0	0	0	4,500,000
			2019S	F	5,207,101	0	5,207,101	0	0	0	0	5,207,101	0	0	0	0	0	0	5,207,101
			2020S	F	6,500,000	0	6,500,000	0	0	0	0	0	6,500,000	0	0	0	0	0	6,500,000

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future			
1009	102156	DOWNTOWN BOOSTER STATION (CP-1)	2021S	F	3,500,000	0	3,500,000	0	0	0	0	0	0	3,500,000	0	0	0	0	3,500,000		
			EW660	A	477,062	0	477,062	477,062	0	0	0	0	0	0	0	0	0	0	0	477,062	
			FUT-S	F	24,500,000	0	24,500,000	0	0	0	0	0	0	0	4,500,000	20,000,000	0	0	0	24,500,000	
			RB16S	F	1,663,832	0	1,663,832	0	1,663,832	0	0	0	0	0	0	0	0	0	0	0	1,663,832
			TOTAL - 102156					50,000,000	0	50,000,000	477,062	1,663,832	3,652,005	4,500,000	5,207,101	6,500,000	3,500,000	4,500,000	20,000,000	0	0
1009	102157	FM CONNECTIONS TO DOWNTOWN BOOSTER STATION	2017S	F	2,160,209	0	2,160,209	0	0	2,160,209	0	0	0	0	0	0	0	0	0	2,160,209	
			2018S	F	3,149,199	0	3,149,199	0	0	0	3,149,199	0	0	0	0	0	0	0	0	0	3,149,199
			2019S	F	4,535,616	0	4,535,616	0	0	0	4,535,616	0	0	0	0	0	0	0	0	0	4,535,616
			2020S	F	2,500,000	0	2,500,000	0	0	0	0	2,500,000	0	0	0	0	0	0	0	0	2,500,000
			2021S	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	453,531	0	453,531	453,531	0	0	0	0	0	0	0	0	0	0	0	0	453,531
			FUT-S	F	9,000,000	0	9,000,000	0	0	0	0	0	0	0	9,000,000	0	0	0	0	0	9,000,000
			RB16S	F	1,197,448	0	1,197,448	0	1,197,448	0	0	0	0	0	0	0	0	0	0	0	1,197,448
			TOTAL - 102157					23,996,003	0	23,996,003	453,531	1,197,448	2,160,209	3,149,199	4,535,616	2,500,000	1,000,000	9,000,000	0	0	0
TOTAL - 1009					222,306,498	6,003,506	216,302,992	5,635,499	10,951,725	20,206,507	20,550,368	22,927,228	25,117,973	20,429,977	34,605,104	55,832,725	45,886	0	216,302,992		
1010	102035	6" FM FROM PS 1071 TO MH 7 SOUTH OF SW 186 ST ON 108 AVE	EW658	A	1,079,412	120,193	959,219	959,219	0	0	0	0	0	0	0	0	0	0	959,219		
			TOTAL - 102035					1,079,412	120,193	959,219	959,219	0	0	0	0	0	0	0	0	0	959,219
1010	102050	UPGRADE 4" FM FROM PS 733 ON US1	EW658	A	280,789	69,989	210,800	210,800	0	0	0	0	0	0	0	0	0	0	210,800		
			RB16S	F	171,000	0	171,000	0	171,000	0	0	0	0	0	0	0	0	0	0	171,000	

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		Future
		TOTAL - 102050			451,789	69,989	381,800	210,800	171,000	0	0	0	0	0	0	0	0	0	381,800
1010	102051	UPGRADE 6" FM AT SW 160 ST AND 92 AVE	2017S	F	186,443	0	186,443	0	0	186,443	0	0	0	0	0	0	0	0	186,443
			2018S	F	527,649	0	527,649	0	0	0	527,649	0	0	0	0	0	0	0	527,649
			2019S	F	650,721	0	650,721	0	0	0	0	650,721	0	0	0	0	0	0	650,721
			RB16S	F	35,187	0	35,187	0	35,187	0	0	0	0	0	0	0	0	0	35,187
		TOTAL - 102051			1,400,000	0	1,400,000	0	35,187	186,443	527,649	650,721	0	0	0	0	0	0	1,400,000
1010	102063	24-INCH FM CONNECTION FROM PS 1073 TO PS 691 (SL-6)	2019S	F	21,084	0	21,084	0	0	0	0	21,084	0	0	0	0	0	0	21,084
			2020S	F	467,388	0	467,388	0	0	0	0	0	467,388	0	0	0	0	0	467,388
			2021S	F	227,471	0	227,471	0	0	0	0	0	0	227,471	0	0	0	0	227,471
			FUT-S	F	5,734,057	0	5,734,057	0	0	0	0	0	0	0	5,182,660	551,397	0	0	5,734,057
		TOTAL - 102063			6,450,000	0	6,450,000	0	0	0	0	21,084	467,388	227,471	5,182,660	551,397	0	0	6,450,000
1010	102067	42-INCH FM CONNECTION FROM PS 691 TO PS 692 (SL-5)	2017S	F	2,683,113	0	2,683,113	0	0	2,683,113	0	0	0	0	0	0	0	0	2,683,113
			2018S	F	2,097,776	0	2,097,776	0	0	0	2,097,776	0	0	0	0	0	0	0	2,097,776
			2019S	F	3,509,152	0	3,509,152	0	0	0	0	3,509,152	0	0	0	0	0	0	3,509,152
			2020S	F	3,736,845	0	3,736,845	0	0	0	0	0	3,736,845	0	0	0	0	0	3,736,845
			2021S	F	3,500,000	0	3,500,000	0	0	0	0	0	0	3,500,000	0	0	0	0	3,500,000
			FUT-S	F	26,000,000	0	26,000,000	0	0	0	0	0	0	0	16,000,000	10,000,000	0	0	26,000,000
			RB16S	F	573,114	0	573,114	0	573,114	0	0	0	0	0	0	0	0	0	573,114
		TOTAL - 102067			42,100,000	0	42,100,000	0	573,114	2,683,113	2,097,776	3,509,152	3,736,845	3,500,000	16,000,000	10,000,000	0	0	42,100,000

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1010	102077	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	2017S	F	1,185,508	0	1,185,508	0	0	1,185,508	0	0	0	0	0	0	0	0	0	1,185,508
			2018S	F	2,440,214	0	2,440,214	0	0	0	2,440,214	0	0	0	0	0	0	0	0	2,440,214
			2019S	F	3,071,923	0	3,071,923	0	0	0	0	3,071,923	0	0	0	0	0	0	0	3,071,923
			2020S	F	3,286,108	0	3,286,108	0	0	0	0	0	3,286,108	0	0	0	0	0	0	3,286,108
			2021S	F	3,000,000	0	3,000,000	0	0	0	0	0	0	3,000,000	0	0	0	0	0	3,000,000
			FUT-S	F	34,000,000	0	34,000,000	0	0	0	0	0	0	0	34,000,000	0	0	0	0	34,000,000
			RB16S	F	76,247	0	76,247	0	76,247	0	0	0	0	0	0	0	0	0	0	76,247
		TOTAL - 102077			47,060,000	0	47,060,000	0	76,247	1,185,508	2,440,214	3,071,923	3,286,108	3,000,000	34,000,000	0	0	0	0	47,060,000
1010	102078	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	2017S	F	4,629,440	0	4,629,440	0	0	4,629,440	0	0	0	0	0	0	0	0	0	4,629,440
			2018S	F	5,500,000	0	5,500,000	0	0	0	5,500,000	0	0	0	0	0	0	0	0	5,500,000
			2019S	F	5,800,000	0	5,800,000	0	0	0	0	5,800,000	0	0	0	0	0	0	0	5,800,000
			2020S	F	4,000,000	0	4,000,000	0	0	0	0	0	4,000,000	0	0	0	0	0	0	4,000,000
			2021S	F	4,000,000	0	4,000,000	0	0	0	0	0	0	4,000,000	0	0	0	0	0	4,000,000
			EW660	A	529,003	0	529,003	529,003	0	0	0	0	0	0	0	0	0	0	0	529,003
			FUT-S	F	7,500,000	0	7,500,000	0	0	0	0	0	0	0	4,000,000	3,500,000	0	0	0	7,500,000
			RB16S	F	2,221,557	0	2,221,557	0	2,221,557	0	0	0	0	0	0	0	0	0	0	2,221,557
		TOTAL - 102078			34,180,000	0	34,180,000	529,003	2,221,557	4,629,440	5,500,000	5,800,000	4,000,000	4,000,000	4,000,000	3,500,000	0	0	0	34,180,000
1010	102079	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	2017S	F	5,234,228	0	5,234,228	0	0	5,234,228	0	0	0	0	0	0	0	0	0	5,234,228
			2018S	F	6,857,013	0	6,857,013	0	0	0	6,857,013	0	0	0	0	0	0	0	0	6,857,013

Prepared by Capital Planning and Coordination Section



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1010	102079	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	2019S	F	6,000,000	0	6,000,000	0	0	0	0	6,000,000	0	0	0	0	0	0	0	6,000,000
			2020S	F	5,000,000	0	5,000,000	0	0	0	0	5,000,000	0	0	0	0	0	0	0	5,000,000
			2021S	F	5,000,000	0	5,000,000	0	0	0	0	0	5,000,000	0	0	0	0	0	0	5,000,000
			EW660	A	582,734	0	582,734	582,734	0	0	0	0	0	0	0	0	0	0	0	582,734
			FUT-S	F	49,700,000	0	49,700,000	0	0	0	0	0	0	0	40,000,000	9,700,000	0	0	0	49,700,000
			RB16S	F	2,956,025	0	2,956,025	0	2,956,025	0	0	0	0	0	0	0	0	0	0	2,956,025
TOTAL - 102079					81,330,000	0	81,330,000	582,734	2,956,025	5,234,228	6,857,013	6,000,000	5,000,000	5,000,000	40,000,000	9,700,000	0	0	81,330,000	
1010	102087	UPGRADE PS 692 (SP-692E)	2017S	F	3,078,135	0	3,078,135	0	0	3,078,135	0	0	0	0	0	0	0	0	0	3,078,135
			2018S	F	3,400,286	0	3,400,286	0	0	0	3,400,286	0	0	0	0	0	0	0	0	3,400,286
			2019S	F	4,312,365	0	4,312,365	0	0	0	4,312,365	0	0	0	0	0	0	0	0	4,312,365
			2020S	F	4,500,000	0	4,500,000	0	0	0	0	4,500,000	0	0	0	0	0	0	0	4,500,000
			2021S	F	683,377	0	683,377	0	0	0	0	0	683,377	0	0	0	0	0	0	683,377
			EW660	A	850,000	0	850,000	850,000	0	0	0	0	0	0	0	0	0	0	0	850,000
			FUT-S	F	31,500,000	0	31,500,000	0	0	0	0	0	0	0	23,000,000	8,500,000	0	0	0	31,500,000
			RB16S	F	1,675,837	0	1,675,837	0	1,675,837	0	0	0	0	0	0	0	0	0	0	1,675,837
TOTAL - 102087					50,000,000	0	50,000,000	850,000	1,675,837	3,078,135	3,400,286	4,312,365	4,500,000	683,377	23,000,000	8,500,000	0	0	50,000,000	
1010	102088	UPGRADE PS 1073 (SP-1073E)	2017S	F	1,272,110	0	1,272,110	0	0	1,272,110	0	0	0	0	0	0	0	0	1,272,110	
			2018S	F	3,094,275	0	3,094,275	0	0	0	3,094,275	0	0	0	0	0	0	0	0	3,094,275
			2019S	F	4,958,571	0	4,958,571	0	0	0	4,958,571	0	0	0	0	0	0	0	0	4,958,571
			2020S	F	2,171,578	0	2,171,578	0	0	0	0	2,171,578	0	0	0	0	0	0	0	2,171,578
			2021S	F	1,500,000	0	1,500,000	0	0	0	0	0	1,500,000	0	0	0	0	0	0	1,500,000

Prepared by Capital Planning and Coordination Section



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1010	102088	UPGRADE PS 1073 (SP-1073E)	FUT-S	F	6,500,000	0	6,500,000	0	0	0	0	0	0	0	5,500,000	1,000,000	0	0	6,500,000	
			RB16S	F	503,466	0	503,466	0	503,466	0	0	0	0	0	0	0	0	0	0	503,466
		TOTAL - 102088			20,000,000	0	20,000,000	0	503,466	1,272,110	3,094,275	4,958,571	2,171,578	1,500,000	5,500,000	1,000,000	0	0	20,000,000	
1010	102158	SL-3B TO 48"/54" FM ALONG 137TH AVE FROM SW 136TH ST TO SW 104TH ST	FUTFS	F	24,390,000	0	24,390,000	0	0	0	0	0	0	2,183,630	4,083,085	18,123,285	0	0	24,390,000	
		TOTAL - 102158			24,390,000	0	24,390,000	0	0	0	0	0	0	2,183,630	4,083,085	18,123,285	0	0	24,390,000	
		TOTAL - 1010			308,441,201	190,182	308,251,019	3,131,756	8,212,433	18,268,977	23,917,213	28,323,816	23,161,919	17,910,848	129,866,290	37,334,482	18,123,285	0	308,251,019	
1011	100889	REHABILITATION OF SEWER MAINS DUE TO I/I - DIG AND REPLACE	2017S	F	1,258,452	0	1,258,452	0	0	1,258,452	0	0	0	0	0	0	0	0	1,258,452	
			2018S	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
			2019S	F	650,000	0	650,000	0	0	0	0	650,000	0	0	0	0	0	0	0	650,000
			2020S	F	350,000	0	350,000	0	0	0	0	350,000	0	0	0	0	0	0	0	350,000
			2021S	F	224,112	0	224,112	0	0	0	0	0	224,112	0	0	0	0	0	0	224,112
			EW646	A	3,991,282	3,991,282	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	1,161,510	1,161,510	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	3,169,925	0	3,169,925	3,169,925	0	0	0	0	0	0	0	0	0	0	0	3,169,925
			RB16S	F	1,375,895	0	1,375,895	0	1,375,895	0	0	0	0	0	0	0	0	0	0	1,375,895
		TOTAL - 100889			13,231,176	5,152,791	8,078,385	3,169,925	1,375,895	1,258,452	1,050,000	650,000	350,000	224,112	0	0	0	0	0	8,078,384
1011	101807	REHAB OF ALL JUNCTION CHAMBERS AND ASSOCIATED LINES	EW660	A	500,000	0	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0	500,000
		TOTAL - 101807			500,000	0	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0	500,000
		TOTAL - 1011			13,731,176	5,152,791	8,578,385	3,669,925	1,375,895	1,258,452	1,050,000	650,000	350,000	224,112	0	0	0	0	0	8,578,384

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	
1012	100055	SPECIAL CONSTRUCTION - SANITARY SEWER IMPROVEMENTS	EW624	A	50,380,107	4,988,598	45,391,509	300,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,591,509	0	0	0	0	45,391,509
		TOTAL - 100055			50,380,107	4,988,598	45,391,509	300,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,591,509	0	0	0	0	45,391,509
		TOTAL - 1012			50,380,107	4,988,598	45,391,509	300,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,591,509	0	0	0	0	45,391,509
1013	101108	MIAMI SERVICE FACILITY - PHASE 2	2017S	F	2,011,177	0	2,011,177	0	0	2,011,177	0	0	0	0	0	0	0	0	2,011,177
			2018S	F	3,017,882	0	3,017,882	0	0	0	3,017,882	0	0	0	0	0	0	0	3,017,882
			2019S	F	4,172,754	0	4,172,754	0	0	0	0	4,172,754	0	0	0	0	0	0	4,172,754
			2020S	F	4,013,832	0	4,013,832	0	0	0	0	0	4,013,832	0	0	0	0	0	4,013,832
			2021S	F	1,000,000	0	1,000,000	0	0	0	0	0	0	1,000,000	0	0	0	0	1,000,000
			EW658	A	460,880	160,315	300,565	300,565	0	0	0	0	0	0	0	0	0	0	300,565
			FUT-S	F	6,000,000	0	6,000,000	0	0	0	0	0	0	0	6,000,000	0	0	0	6,000,000
			RB16S	F	861,388	0	861,388	0	861,388	0	0	0	0	0	0	0	0	0	861,388
		TOTAL - 101108			21,537,913	160,315	21,377,598	300,565	861,388	2,011,177	3,017,882	4,172,754	4,013,832	1,000,000	6,000,000	0	0	0	21,377,598
1013	101461	NORTH MAINTENANCE CENTER	2017S	F	400,000	0	400,000	0	0	400,000	0	0	0	0	0	0	0	0	400,000
			2018S	F	2,174,912	0	2,174,912	0	0	0	2,174,912	0	0	0	0	0	0	0	2,174,912
			2019S	F	3,500,000	0	3,500,000	0	0	0	0	3,500,000	0	0	0	0	0	0	3,500,000
			2020S	F	4,500,000	0	4,500,000	0	0	0	0	0	4,500,000	0	0	0	0	0	4,500,000
			2021S	F	500,000	0	500,000	0	0	0	0	0	0	500,000	0	0	0	0	500,000
			FUT-S	F	1,000,000	0	1,000,000	0	0	0	0	0	0	0	1,000,000	0	0	0	1,000,000
			RB16S	F	100,000	0	100,000	0	100,000	0	0	0	0	0	0	0	0	0	100,000
		TOTAL - 101461			12,174,912	0	12,174,912	0	100,000	400,000	2,174,912	3,500,000	4,500,000	500,000	1,000,000	0	0	0	12,174,912

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future			
1013	101506	SOUTH MAINTENANCE CENTER	2017S	F	2,084,998	0	2,084,998	0	0	2,084,998	0	0	0	0	0	0	0	0	0	0	2,084,998
			2018S	F	3,316,000	0	3,316,000	0	0	0	3,316,000	0	0	0	0	0	0	0	0	0	3,316,000
			2019S	F	4,285,000	0	4,285,000	0	0	0	0	4,285,000	0	0	0	0	0	0	0	0	4,285,000
			2020S	F	4,140,000	0	4,140,000	0	0	0	0	0	4,140,000	0	0	0	0	0	0	0	4,140,000
			2021S	F	4,216,000	0	4,216,000	0	0	0	0	0	0	4,216,000	0	0	0	0	0	0	4,216,000
			EW658	A	131,457	31,457	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0	0	100,000
			FUT-S	F	24,000,000	0	24,000,000	0	0	0	0	0	0	0	9,000,000	15,000,000	0	0	0	0	24,000,000
			RB16S	F	500,000	0	500,000	0	500,000	0	0	0	0	0	0	0	0	0	0	0	500,000
		TOTAL - 101506			42,673,455	31,457	42,641,998	100,000	500,000	2,084,998	3,316,000	4,285,000	4,140,000	4,216,000	9,000,000	15,000,000	0	0	0	0	42,641,998
1013	101653	11TH STREET DISTRIBUTION FACILITY RENOVATION	2017S	F	1,211,000	0	1,211,000	0	0	1,211,000	0	0	0	0	0	0	0	0	0	0	1,211,000
			2018S	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
			2019S	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
			EW660	A	88,510	0	88,510	88,510	0	0	0	0	0	0	0	0	0	0	0	0	88,510
			RB16S	F	300,000	0	300,000	0	300,000	0	0	0	0	0	0	0	0	0	0	0	300,000
		TOTAL - 101653			3,599,510	0	3,599,510	88,510	300,000	1,211,000	1,000,000	1,000,000	0	0	0	0	0	0	0	0	3,599,510
1013	101654	WESTWOOD LAKES FACILITY ELEVATOR RENOVATION	2017S	F	600,000	0	600,000	0	0	600,000	0	0	0	0	0	0	0	0	0	0	600,000
			2018S	F	800,000	0	800,000	0	0	0	800,000	0	0	0	0	0	0	0	0	0	800,000
			EW660	A	50,000	0	50,000	50,000	0	0	0	0	0	0	0	0	0	0	0	0	50,000
			RB16S	F	50,000	0	50,000	0	50,000	0	0	0	0	0	0	0	0	0	0	0	50,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		Future
		TOTAL - 101654			1,500,000	0	1,500,000	50,000	50,000	600,000	800,000	0	0	0	0	0	0	0	1,500,000
1013	101886	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	2017S	F	143,794	0	143,794	0	0	143,794	0	0	0	0	0	0	0	0	143,794
			2018S	F	1,156,206	0	1,156,206	0	0	0	1,156,206	0	0	0	0	0	0	0	1,156,206
		TOTAL - 101886			1,300,000	0	1,300,000	0	0	143,794	1,156,206	0	0	0	0	0	0	0	1,300,000
1013	101887	MEDLEY YARD BUILDING	EW658	A	728,203	30,031	698,172	698,172	0	0	0	0	0	0	0	0	0	0	698,172
			RB16S	F	915,420	0	915,420	0	915,420	0	0	0	0	0	0	0	0	0	915,420
		TOTAL - 101887			1,643,623	30,031	1,613,592	698,172	915,420	0	0	0	0	0	0	0	0	0	1,613,592
1013	101999	WEST MAINTENANCE CENTER	2021S	F	410,000	0	410,000	0	0	0	0	0	410,000	0	0	0	0	0	410,000
			FUTFS	F	40,590,000	0	40,590,000	0	0	0	0	0	0	12,945,897	9,051,992	18,592,111	0	0	40,590,000
		TOTAL - 101999			41,000,000	0	41,000,000	0	0	0	0	0	410,000	12,945,897	9,051,992	18,592,111	0	0	41,000,000
1013	102000	GENERAL MAINTENANCE LAND ACQUISITION - SEWER	2021S	F	1,141,486	0	1,141,486	0	0	0	0	0	1,141,486	0	0	0	0	0	1,141,486
			FUTFS	F	2,358,514	0	2,358,514	0	0	0	0	0	0	2,358,514	0	0	0	0	2,358,514
		TOTAL - 102000			3,500,000	0	3,500,000	0	0	0	0	0	1,141,486	2,358,514	0	0	0	0	3,500,000
1013	102001	LEJEUNE ROAD OFFICE EXPANSION - PHASE 2	2021S	F	916,979	0	916,979	0	0	0	0	0	916,979	0	0	0	0	0	916,979
			FUTFS	F	4,083,021	0	4,083,021	0	0	0	0	0	0	1,975,521	2,107,500	0	0	0	4,083,021
		TOTAL - 102001			5,000,000	0	5,000,000	0	0	0	0	0	916,979	1,975,521	2,107,500	0	0	0	5,000,000
1013	102030	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS	FUTFS	F	25,000,000	0	25,000,000	0	0	0	0	0	0	25,000,000	0	0	0	0	25,000,000
		TOTAL - 102030			25,000,000	0	25,000,000	0	0	0	0	0	0	25,000,000	0	0	0	0	25,000,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS													
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total		
1013	102052	MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION	2017S	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	
			2018S	F	800,000	0	800,000	0	0	0	800,000	0	0	0	0	0	0	0	0	0	800,000
			2019S	F	250,000	0	250,000	0	0	0	250,000	0	0	0	0	0	0	0	0	0	250,000
			RB16S	F	200,000	0	200,000	0	200,000	0	0	0	0	0	0	0	0	0	0	0	200,000
			TOTAL - 102052					2,250,000	0	2,250,000	0	200,000	1,000,000	800,000	250,000	0	0	0	0	0	0
TOTAL - 1013					161,179,413	221,802	160,957,611	1,237,247	2,926,808	7,450,969	12,265,000	13,207,754	12,653,832	8,184,465	58,279,932	26,159,492	18,592,111	0	160,957,610		
1014	100984	REFURBISH STRUCTURES IN PUMP STATIONS	2017S	F	89,523	0	89,523	0	0	89,523	0	0	0	0	0	0	0	0	0	89,523	
			2018S	F	865,468	0	865,468	0	0	0	865,468	0	0	0	0	0	0	0	0	0	865,468
			2019S	F	352,117	0	352,117	0	0	0	352,117	0	0	0	0	0	0	0	0	0	352,117
			2020S	F	4,881,856	0	4,881,856	0	0	0	0	4,881,856	0	0	0	0	0	0	0	0	4,881,856
			2021S	F	115,920	0	115,920	0	0	0	0	0	115,920	0	0	0	0	0	0	0	115,920
			EW658	A	1,083,453	95,034	988,419	988,419	0	0	0	0	0	0	0	0	0	0	0	0	988,419
			RB16S	F	100,000	0	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0	0	100,000
			TOTAL - 100984					7,488,337	95,034	7,393,303	988,419	100,000	89,523	865,468	352,117	4,881,856	115,920	0	0	0	0
TOTAL - 1014					7,488,337	95,034	7,393,303	988,419	100,000	89,523	865,468	352,117	4,881,856	115,920	0	0	0	0	7,393,303		
1015	101454	PUMP STATION IMPROVEMENT PROGRAM	2017S	F	23,584,804	0	23,584,804	0	0	23,584,804	0	0	0	0	0	0	0	0	0	23,584,804	
			2018S	F	23,972,586	0	23,972,586	0	0	0	23,972,586	0	0	0	0	0	0	0	0	0	23,972,586
			EW623	A	39,355,983	0	39,355,983	9,990,109	7,110,420	7,044,812	7,160,642	8,050,000	0	0	0	0	0	0	0	0	39,355,983
			EW658	A	13,449,951	13,449,951	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	44,704,804	0	44,704,804	33,445,149	11,259,655	0	0	0	0	0	0	0	0	0	0	0	44,704,804

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS													
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total		
1015	101454	PUMP STATION IMPROVEMENT PROGRAM	RB16S	F	12,544,793	0	12,544,793	0	12,544,793	0	0	0	0	0	0	0	0	0	0	12,544,793	
		TOTAL - 101454			157,612,921	13,449,951	144,162,970	43,435,258	30,914,868	30,629,616	31,133,228	8,050,000	0	0	0	0	0	0	0	144,162,970	
1015	102192	OUT OF COMPLIANCE PUMP STATIONS	2017S	F	3,500,000	0	3,500,000	0	0	3,500,000	0	0	0	0	0	0	0	0	0	3,500,000	
			2018S	F	4,000,000	0	4,000,000	0	0	0	4,000,000	0	0	0	0	0	0	0	0	4,000,000	
			2019S	F	4,610,512	0	4,610,512	0	0	0	0	4,610,512	0	0	0	0	0	0	0	4,610,512	
			2020S	F	4,535,637	0	4,535,637	0	0	0	0	0	4,535,637	0	0	0	0	0	0	4,535,637	
			2021S	F	4,535,637	0	4,535,637	0	0	0	0	0	0	4,535,637	0	0	0	0	0	4,535,637	
			EW660	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	
			FUT-S	F	166,312,017	0	166,312,017	0	0	0	0	0	0	0	26,510,450	24,578,332	34,223,235	81,000,000	166,312,017		
		TOTAL - 102192			188,993,803	0	188,993,803	0	1,500,000	3,500,000	4,000,000	4,610,512	4,535,637	4,535,637	26,510,450	24,578,332	34,223,235	81,000,000	188,993,803		
		TOTAL - 1015			346,606,724	13,449,951	333,156,773	43,435,258	32,414,868	34,129,616	35,133,228	12,660,512	4,535,637	4,535,637	26,510,450	24,578,332	34,223,235	81,000,000	333,156,773		
1018	101710	MASTER PUMP STATION NO. 3 (FORMERLY P.S. 8)	EW623	A	37,053,974	37,053,974	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	20,599,035	0	20,599,035	20,599,035	0	0	0	0	0	0	0	0	0	0	0	0	20,599,035
			RB16S	F	5,013,275	0	5,013,275	0	5,013,275	0	0	0	0	0	0	0	0	0	0	0	5,013,275
		TOTAL - 101710			62,666,284	37,053,974	25,612,310	20,599,035	5,013,275	0	0	0	0	0	0	0	0	0	0	25,612,310	
1018	101759	48-INCH - ALLOWS P.S. 300 TO PUMP NORTH TO P.S. 1310 DISCHARGE (NL-7)	2017S	F	1,026,597	0	1,026,597	0	0	1,026,597	0	0	0	0	0	0	0	0	0	1,026,597	
			EW660	A	234,350	0	234,350	234,350	0	0	0	0	0	0	0	0	0	0	0	234,350	
			RB16S	F	1,639,053	0	1,639,053	0	1,639,053	0	0	0	0	0	0	0	0	0	0	1,639,053	
		TOTAL - 101759			2,900,000	0	2,900,000	234,350	1,639,053	1,026,597	0	0	0	0	0	0	0	0	0	2,900,000	

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1018	101774	FORCE MAIN IN DORAL N.W. 107TH AVE.	2017S	F	3,550,197	0	3,550,197	0	0	3,550,197	0	0	0	0	0	0	0	0	0	3,550,197
			EW623	A	488,172	229,827	258,345	258,345	0	0	0	0	0	0	0	0	0	0	0	258,345
			EW660	A	2,831,594	0	2,831,594	1,143,104	1,688,490	0	0	0	0	0	0	0	0	0	0	2,831,594
			RB16S	F	5,754,164	0	5,754,164	0	5,754,164	0	0	0	0	0	0	0	0	0	0	5,754,164
		TOTAL - 101774			12,624,127	229,827	12,394,300	1,401,449	7,442,654	3,550,197	0	0	0	0	0	0	0	0	0	12,394,300
1018	101846	PS 559 FLOW METER	2017S	F	500,000	0	500,000	0	0	500,000	0	0	0	0	0	0	0	0	0	500,000
		TOTAL - 101846			500,000	0	500,000	0	0	500,000	0	0	0	0	0	0	0	0	0	500,000
1018	101861	CORAL GABLES REROUTE (CL-2)	2017S	F	1,940,985	0	1,940,985	0	0	1,940,985	0	0	0	0	0	0	0	0	0	1,940,985
			2018S	F	1,763,669	0	1,763,669	0	0	0	1,763,669	0	0	0	0	0	0	0	0	1,763,669
			2019S	F	21,152,753	0	21,152,753	0	0	0	0	21,152,753	0	0	0	0	0	0	0	21,152,753
			2020S	F	5,308,042	0	5,308,042	0	0	0	0	5,308,042	0	0	0	0	0	0	0	5,308,042
			RB16S	F	484,551	0	484,551	0	484,551	0	0	0	0	0	0	0	0	0	0	484,551
		TOTAL - 101861			30,650,000	0	30,650,000	0	484,551	1,940,985	1,763,669	21,152,753	5,308,042	0	0	0	0	0	0	30,650,000
1018	101864	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	2017S	F	3,397,032	0	3,397,032	0	0	3,397,032	0	0	0	0	0	0	0	0	0	3,397,032
			2018S	F	4,293,490	0	4,293,490	0	0	0	4,293,490	0	0	0	0	0	0	0	0	4,293,490
			2019S	F	4,165,924	0	4,165,924	0	0	0	0	4,165,924	0	0	0	0	0	0	0	4,165,924
			2020S	F	4,724,706	0	4,724,706	0	0	0	0	4,724,706	0	0	0	0	0	0	0	4,724,706
			2021S	F	4,678,842	0	4,678,842	0	0	0	0	0	4,678,842	0	0	0	0	0	0	4,678,842
			EW660	A	500,000	0	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0	500,000
			FUT-S	F	378,468,920	0	378,468,920	0	0	0	0	0	0	0	70,928,663	307,540,257	0	0	0	378,468,920

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1018	101864	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	RB16S	F	2,501,086	0	2,501,086	0	2,501,086	0	0	0	0	0	0	0	0	0	0	2,501,086
TOTAL - 101864					402,730,000	0	402,730,000	500,000	2,501,086	3,397,032	4,293,490	4,165,924	4,724,706	4,678,842	70,928,663	307,540,257	0	0	402,730,000	
1018	101865	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	2017S	F	1,763,150	0	1,763,150	0	0	1,763,150	0	0	0	0	0	0	0	0	0	1,763,150
			2018S	F	2,438,635	0	2,438,635	0	0	0	2,438,635	0	0	0	0	0	0	0	0	2,438,635
			2019S	F	3,746,429	0	3,746,429	0	0	0	0	3,746,429	0	0	0	0	0	0	0	3,746,429
			2020S	F	4,000,000	0	4,000,000	0	0	0	0	0	4,000,000	0	0	0	0	0	0	4,000,000
			2021S	F	2,469,562	0	2,469,562	0	0	0	0	0	0	2,469,562	0	0	0	0	0	2,469,562
			EW660	A	639,545	0	639,545	639,545	0	0	0	0	0	0	0	0	0	0	0	639,545
			FUT-S	F	48,000,000	0	48,000,000	0	0	0	0	0	0	0	16,000,000	32,000,000	0	0	0	48,000,000
			RB16S	F	1,245,093	0	1,245,093	0	1,245,093	0	0	0	0	0	0	0	0	0	0	1,245,093
TOTAL - 101865					64,302,414	0	64,302,414	639,545	1,245,093	1,763,150	2,438,635	3,746,429	4,000,000	2,469,562	16,000,000	32,000,000	0	0	64,302,414	
1018	102124	UPGRADE TO PS 552 (SP-522E)	2017S	F	26,747	0	26,747	0	0	26,747	0	0	0	0	0	0	0	0	0	26,747
			2018S	F	712,157	0	712,157	0	0	0	712,157	0	0	0	0	0	0	0	0	712,157
			2019S	F	208,930	0	208,930	0	0	0	0	208,930	0	0	0	0	0	0	0	208,930
			2020S	F	1,981,027	0	1,981,027	0	0	0	0	0	1,981,027	0	0	0	0	0	0	1,981,027
			2021S	F	3,071,139	0	3,071,139	0	0	0	0	0	0	3,071,139	0	0	0	0	0	3,071,139
			FUT-S	F	6,000,000	0	6,000,000	0	0	0	0	0	0	0	3,000,000	3,000,000	0	0	0	6,000,000
TOTAL - 102124					12,000,000	0	12,000,000	0	0	26,747	712,157	208,930	1,981,027	3,071,139	3,000,000	3,000,000	0	0	12,000,000	



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1018	102194	WASTEWATER MASTER PLAN	2017S	F	1,898,900	0	1,898,900	0	0	1,898,900	0	0	0	0	0	0	0	0	0	1,898,900
			RB16S	F	1,900,000	0	1,900,000	0	1,900,000	0	0	0	0	0	0	0	0	0	0	1,900,000
		TOTAL - 102194			3,798,900	0	3,798,900	0	1,900,000	1,898,900	0	0	0	0	0	0	0	0	0	3,798,900
		TOTAL - 1018			592,171,725	37,283,800	554,887,925	23,374,379	20,225,712	14,103,608	9,207,951	29,274,036	16,013,775	10,219,543	89,928,663	342,540,257	0	0	0	554,887,924
1019	100877	SANITARY SEWER SYSTEM EXTENSION	2017S	F	2,113,135	0	2,113,135	0	0	2,113,135	0	0	0	0	0	0	0	0	0	2,113,135
			2018S	F	4,113,135	0	4,113,135	0	0	0	4,113,135	0	0	0	0	0	0	0	0	4,113,135
			2019S	F	3,038,444	0	3,038,444	0	0	0	0	3,038,444	0	0	0	0	0	0	0	3,038,444
			EW621	A	17,786,180	1,254,248	16,531,932	2,827,932	7,704,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	16,531,932	
			EW646	A	2,399,167	2,399,167	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	2,721,972	0	2,721,972	2,721,972	0	0	0	0	0	0	0	0	0	0	0	2,721,972
			EW660	A	2,113,135	0	2,113,135	2,113,135	0	0	0	0	0	0	0	0	0	0	0	2,113,135
			RB16S	F	2,113,135	0	2,113,135	0	2,113,135	0	0	0	0	0	0	0	0	0	0	2,113,135
		TOTAL - 100877			36,398,303	3,653,415	32,744,888	7,663,039	9,817,135	3,113,135	5,113,135	4,038,444	1,000,000	1,000,000	1,000,000	0	0	0	0	32,744,888
1019	101722	DESIGN AND ENGINEERING SERVICES FOR SANITARY SEWER FORCE MAINS AND SANITARY SEWER GRAVITY MAINS	EW658	A	721,630	0	721,630	721,630	0	0	0	0	0	0	0	0	0	0	0	721,630
		TOTAL - 101722			721,630	0	721,630	721,630	0	0	0	0	0	0	0	0	0	0	0	721,630
1019	101733	SANITARY SEWER SYSTEM EXTENSION FOR JPA'S	EW621	A	9,652,689	6,452,689	3,200,000	0	200,000	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	0	3,200,000
			EW646	A	35,848	35,848	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	3,035,756	3,035,756	0	0	0	0	0	0	0	0	0	0	0	0	0	0



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		Future
TOTAL - 101733					12,724,293	9,524,294	3,199,999	0	200,000	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	3,200,000
1019	102128	6" FM FROM PS 746 TO SW 156 ST & US1	EW658	A	1,555,645	111,153	1,444,492	1,444,492	0	0	0	0	0	0	0	0	0	0	1,444,492
			RB16S	F	547,207	0	547,207	0	547,207	0	0	0	0	0	0	0	0	0	547,207
TOTAL - 102128					2,102,852	111,153	1,991,699	1,444,492	547,207	0	0	0	0	0	0	0	0	0	1,991,699
1019	102129	6" PVC FM FROM PS 1070 SOUTH TO MH 19	EW658	A	950,887	46,720	904,167	904,167	0	0	0	0	0	0	0	0	0	0	904,167
TOTAL - 102129					950,887	46,720	904,167	904,167	0	0	0	0	0	0	0	0	0	0	904,167
1019	102130	REPLACE 8" FM FROM PS 149 SOUTH TO NW 112 AVE & W. FLAGLER ST	EW658	A	569,645	69,645	500,000	500,000	0	0	0	0	0	0	0	0	0	0	500,000
TOTAL - 102130					569,645	69,645	500,000	500,000	0	0	0	0	0	0	0	0	0	0	500,000
1019	102195	WASTEWATER NEEDS ASSESMENT FOR NEW GRAVITY SEWER PHASE 1	FUTFS	F	190,133,491	0	190,133,491	0	0	0	0	0	0	190,133,491	0	0	0	0	190,133,491
TOTAL - 102195					190,133,491	0	190,133,491	0	0	0	0	0	0	190,133,491	0	0	0	0	190,133,491
TOTAL - 1019					243,601,101	13,405,227	230,195,874	11,233,328	10,564,342	3,613,135	5,613,135	4,538,444	1,500,000	1,500,000	191,633,491	0	0	0	230,195,875
1021	101816	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS	2017S	F	250,000	0	250,000	0	0	250,000	0	0	0	0	0	0	0	0	250,000
			2018S	F	250,000	0	250,000	0	0	0	250,000	0	0	0	0	0	0	0	250,000
			2019S	F	250,000	0	250,000	0	0	0	0	250,000	0	0	0	0	0	0	250,000
			2020S	F	250,000	0	250,000	0	0	0	0	250,000	0	0	0	0	0	0	250,000
			2021S	F	250,000	0	250,000	0	0	0	0	0	250,000	0	0	0	0	0	250,000
			EW660	A	800,000	0	800,000	800,000	0	0	0	0	0	0	0	0	0	0	800,000
			RB16S	F	250,000	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0	250,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		Future
		TOTAL - 101816			2,300,000	0	2,300,000	800,000	250,000	250,000	250,000	250,000	250,000	250,000	0	0	0	0	2,300,000
1021	101823	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	2017S	F	275,000	0	275,000	0	0	275,000	0	0	0	0	0	0	0	0	275,000
			2018S	F	275,000	0	275,000	0	0	0	275,000	0	0	0	0	0	0	0	275,000
			2019S	F	285,000	0	285,000	0	0	0	0	285,000	0	0	0	0	0	0	285,000
			2020S	F	285,000	0	285,000	0	0	0	0	0	285,000	0	0	0	0	0	285,000
			2021S	F	285,000	0	285,000	0	0	0	0	0	0	285,000	0	0	0	0	285,000
			RB16S	F	250,000	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0	250,000
		TOTAL - 101823			1,655,000	0	1,655,000	0	250,000	275,000	275,000	285,000	285,000	285,000	0	0	0	0	1,655,000
1021	101837	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	2017S	F	1,875,000	0	1,875,000	0	0	1,875,000	0	0	0	0	0	0	0	0	1,875,000
			2018S	F	1,975,000	0	1,975,000	0	0	0	1,975,000	0	0	0	0	0	0	0	1,975,000
			2019S	F	1,875,000	0	1,875,000	0	0	0	0	1,875,000	0	0	0	0	0	0	1,875,000
			2020S	F	1,980,000	0	1,980,000	0	0	0	0	0	1,980,000	0	0	0	0	0	1,980,000
			2021S	F	1,880,000	0	1,880,000	0	0	0	0	0	0	1,880,000	0	0	0	0	1,880,000
			EW660	A	800,000	0	800,000	800,000	0	0	0	0	0	0	0	0	0	0	800,000
			RB16S	F	1,875,000	0	1,875,000	0	1,875,000	0	0	0	0	0	0	0	0	0	1,875,000
		TOTAL - 101837			12,260,000	0	12,260,000	800,000	1,875,000	1,875,000	1,975,000	1,875,000	1,980,000	1,880,000	0	0	0	0	12,260,000
1021	101930	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	2017S	F	652,995	0	652,995	0	0	652,995	0	0	0	0	0	0	0	0	652,995
			2018S	F	310,383	0	310,383	0	0	0	310,383	0	0	0	0	0	0	0	310,383

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1021	101930	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	2019S	F	3,749,256	0	3,749,256	0	0	0	0	3,749,256	0	0	0	0	0	0	0	3,749,256
			2020S	F	158,518	0	158,518	0	0	0	0	0	158,518	0	0	0	0	0	0	158,518
			EW658	A	325,000	224,648	100,352	100,352	0	0	0	0	0	0	0	0	0	0	0	100,352
			RB16S	F	78,848	0	78,848	0	78,848	0	0	0	0	0	0	0	0	0	0	78,848
		TOTAL - 101930			5,275,000	224,648	5,050,352	100,352	78,848	652,995	310,383	3,749,256	158,518	0	0	0	0	0	0	5,050,352
1021	101933	REPLACEMENT OF SUBMERSIBLE PUMPING EQUIPMENT	2017S	F	239,582	0	239,582	0	0	239,582	0	0	0	0	0	0	0	0	0	239,582
			EW658	A	323,689	199,954	123,735	123,735	0	0	0	0	0	0	0	0	0	0	0	123,735
			RB16S	F	446,730	0	446,730	0	446,730	0	0	0	0	0	0	0	0	0	0	446,730
		TOTAL - 101933			1,010,001	199,954	810,047	123,735	446,730	239,582	0	0	0	0	0	0	0	0	0	810,047
1021	101934	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	2017S	F	750,000	0	750,000	0	0	750,000	0	0	0	0	0	0	0	0	0	750,000
			2018S	F	3,567,789	0	3,567,789	0	0	0	3,567,789	0	0	0	0	0	0	0	0	3,567,789
			2019S	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
			2020S	F	1,750,000	0	1,750,000	0	0	0	0	0	1,750,000	0	0	0	0	0	0	1,750,000
			2021S	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
			EW660	A	154,745	0	154,745	154,745	0	0	0	0	0	0	0	0	0	0	0	154,745
			FUT-S	F	351,200	0	351,200	0	0	0	0	0	0	0	351,200	0	0	0	0	351,200
			RB16S	F	524,416	0	524,416	0	524,416	0	0	0	0	0	0	0	0	0	0	524,416
		TOTAL - 101934			11,098,150	0	11,098,150	154,745	524,416	750,000	3,567,789	2,500,000	1,750,000	1,500,000	351,200	0	0	0	0	11,098,150

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1021	102159	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2017S	F	2,250,000	0	2,250,000	0	0	2,250,000	0	0	0	0	0	0	0	0	0	2,250,000
			2018S	F	2,350,000	0	2,350,000	0	0	0	2,350,000	0	0	0	0	0	0	0	0	2,350,000
			2019S	F	2,460,000	0	2,460,000	0	0	0	0	2,460,000	0	0	0	0	0	0	0	2,460,000
			2020S	F	2,460,000	0	2,460,000	0	0	0	0	0	2,460,000	0	0	0	0	0	0	2,460,000
			2021S	F	2,200,000	0	2,200,000	0	0	0	0	0	0	2,200,000	0	0	0	0	0	2,200,000
			RB16S	F	250,000	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0	250,000
		TOTAL - 102159			11,970,000	0	11,970,000	0	250,000	2,250,000	2,350,000	2,460,000	2,460,000	2,200,000	0	0	0	0	0	11,970,000
1021	102160	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	2017S	F	351,296	0	351,296	0	0	351,296	0	0	0	0	0	0	0	0	0	351,296
			2018S	F	2,283,525	0	2,283,525	0	0	0	2,283,525	0	0	0	0	0	0	0	0	2,283,525
			2019S	F	546,517	0	546,517	0	0	0	0	546,517	0	0	0	0	0	0	0	546,517
			2020S	F	12,388,765	0	12,388,765	0	0	0	0	0	12,388,765	0	0	0	0	0	0	12,388,765
			2021S	F	4,429,897	0	4,429,897	0	0	0	0	0	0	4,429,897	0	0	0	0	0	4,429,897
		TOTAL - 102160			20,000,000	0	20,000,000	0	0	351,296	2,283,525	546,517	12,388,765	4,429,897	0	0	0	0	0	20,000,000
1021	102161	CONVERSION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2017S	F	253,937	0	253,937	0	0	253,937	0	0	0	0	0	0	0	0	0	253,937
			2018S	F	2,306,607	0	2,306,607	0	0	0	2,306,607	0	0	0	0	0	0	0	0	2,306,607
			2019S	F	978,697	0	978,697	0	0	0	0	978,697	0	0	0	0	0	0	0	978,697
			2020S	F	13,893,715	0	13,893,715	0	0	0	0	0	13,893,715	0	0	0	0	0	0	13,893,715
			2021S	F	567,047	0	567,047	0	0	0	0	0	0	567,047	0	0	0	0	0	567,047
		TOTAL - 102161			18,000,003	0	18,000,003	0	0	253,937	2,306,607	978,697	13,893,715	567,047	0	0	0	0	0	18,000,003

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1021	102163	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	2017S	F	141,076	0	141,076	0	0	141,076	0	0	0	0	0	0	0	0	0	141,076
			2018S	F	1,281,448	0	1,281,448	0	0	0	1,281,448	0	0	0	0	0	0	0	0	1,281,448
			2019S	F	543,721	0	543,721	0	0	0	0	543,721	0	0	0	0	0	0	0	543,721
			2020S	F	7,718,729	0	7,718,729	0	0	0	0	0	7,718,729	0	0	0	0	0	0	7,718,729
			2021S	F	315,026	0	315,026	0	0	0	0	0	0	315,026	0	0	0	0	0	315,026
		TOTAL - 102163			10,000,000	0	10,000,000	0	0	141,076	1,281,448	543,721	7,718,729	315,026	0	0	0	0	0	10,000,000
1021	102164	REPLACEMENT OF CONE VALVES	2017S	F	51,223	0	51,223	0	0	51,223	0	0	0	0	0	0	0	0	0	51,223
			2018S	F	391,034	0	391,034	0	0	0	391,034	0	0	0	0	0	0	0	0	391,034
			2019S	F	179,134	0	179,134	0	0	0	0	179,134	0	0	0	0	0	0	0	179,134
			2020S	F	3,166,167	0	3,166,167	0	0	0	0	0	3,166,167	0	0	0	0	0	0	3,166,167
			2021S	F	212,442	0	212,442	0	0	0	0	0	0	212,442	0	0	0	0	0	212,442
		TOTAL - 102164			4,000,000	0	4,000,000	0	0	51,223	391,034	179,134	3,166,167	212,442	0	0	0	0	0	4,000,000
1021	102165	REPLACEMENT OF OBSOLETE GENERATORS	2017S	F	104,010	0	104,010	0	0	104,010	0	0	0	0	0	0	0	0	0	104,010
			2018S	F	1,033,115	0	1,033,115	0	0	0	1,033,115	0	0	0	0	0	0	0	0	1,033,115
			2019S	F	438,440	0	438,440	0	0	0	0	438,440	0	0	0	0	0	0	0	438,440
			2020S	F	5,684,165	0	5,684,165	0	0	0	0	0	5,684,165	0	0	0	0	0	0	5,684,165
			2021S	F	240,270	0	240,270	0	0	0	0	0	0	0	240,270	0	0	0	0	240,270
		TOTAL - 102165			7,500,000	0	7,500,000	0	0	104,010	1,033,115	438,440	5,684,165	240,270	0	0	0	0	0	7,500,000
		TOTAL - 1021			105,068,154	424,602	104,643,552	1,978,832	3,674,994	7,194,119	16,023,901	13,805,765	49,735,059	11,879,682	351,200	0	0	0	0	104,643,552



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1023	100621	TELEMETERING SYSTEM - WASTEWATER	EW621	A	5,432,368	141,370	5,290,998	1,010,000	1,280,998	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	5,290,998	
			EW646	A	1,375,711	1,375,711	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	700,000	0	700,000	700,000	0	0	0	0	0	0	0	0	0	0	0	700,000
			RB16S	F	578,707	0	578,707	0	578,707	0	0	0	0	0	0	0	0	0	0	578,707
			TOTAL - 100621					8,086,786	1,517,081	6,569,705	1,710,000	1,859,705	500,000	500,000	500,000	500,000	500,000	0	0	0
TOTAL - 1023					8,086,786	1,517,081	6,569,705	1,710,000	1,859,705	500,000	500,000	500,000	500,000	500,000	0	0	0	6,569,705		
1024	100622	WASTEWATER SYSTEM UPGRADES	EW621	A	176,814,708	22,771,767	154,042,941	15,614,500	18,428,441	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	0	0	0	154,042,941	
			EW646	A	3,187,825	3,187,825	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			TOTAL - 100622					180,002,533	25,959,592	154,042,941	15,614,500	18,428,441	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	0	0	0
TOTAL - 1024					180,002,533	25,959,592	154,042,941	15,614,500	18,428,441	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	0	0	0	154,042,941		
1025	100623	LIFT STATION STRUCTURAL MAINTENANCE & UPGRADES	EW621	A	18,344,462	4,024,462	14,320,000	2,260,000	60,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	14,320,000	
			EW646	A	1,930,778	1,930,778	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			TOTAL - 100623					20,275,240	5,955,240	14,320,000	2,260,000	60,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0
TOTAL - 1025					20,275,240	5,955,240	14,320,000	2,260,000	60,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	14,320,000		
1025	101718	DESIGN OF UPGRADES FOR SANITARY SEWER PUMP STATIONS	EW646	A	78,197	78,197	0	0	0	0	0	0	0	0	0	0	0	0	0	
			TOTAL - 101718					78,197	78,197	0	0	0	0	0	0	0	0	0	0	0
1025	102126	RELOCATION OF 20 PUMP STATIONS	2017S	F	3,057,529	0	3,057,529	0	0	3,057,529	0	0	0	0	0	0	0	0	3,057,529	
			2018S	F	4,500,000	0	4,500,000	0	0	4,500,000	0	0	0	0	0	0	0	0	4,500,000	
			2019S	F	4,049,128	0	4,049,128	0	0	0	4,049,128	0	0	0	0	0	0	0	4,049,128	

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future			
1025	102126	RELOCATION OF 20 PUMP STATIONS	2020S	F	4,500,000	0	4,500,000	0	0	0	0	0	4,500,000	0	0	0	0	0	0	4,500,000	
			2021S	F	4,171,626	0	4,171,626	0	0	0	0	0	4,171,626	0	0	0	0	0	0	4,171,626	
			EW660	A	650,000	0	650,000	650,000	0	0	0	0	0	0	0	0	0	0	0	0	650,000
			FUT-S	F	29,000,000	0	29,000,000	0	0	0	0	0	0	0	29,000,000	0	0	0	0	0	29,000,000
			RB16S	F	2,500,000	0	2,500,000	0	2,500,000	0	0	0	0	0	0	0	0	0	0	0	2,500,000
TOTAL - 102126					52,428,283	0	52,428,283	650,000	2,500,000	3,057,529	4,500,000	4,049,128	4,500,000	4,171,626	29,000,000	0	0	0	52,428,283		
TOTAL - 1025					72,781,720	6,033,438	66,748,282	2,910,000	2,560,000	5,057,529	6,500,000	6,049,128	6,500,000	6,171,626	31,000,000	0	0	0	66,748,283		
1027	100625	MISCELLANEOUS TOOLS AND EQUIPMENT	EW621	A	36,954,012	12,537,308	24,416,704	3,359,550	6,057,154	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	24,416,704		
			EW658	A	551,811	0	551,811	551,811	0	0	0	0	0	0	0	0	0	0	0	551,811	
TOTAL - 100625					37,505,823	12,537,308	24,968,515	3,911,361	6,057,154	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	24,968,515		
1027	101729	VEHICLES/TRANSPORTATION EQUIPMENT	EW621	A	56,018,505	5,176,196	50,842,309	5,346,779	6,495,530	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	0	0	0	50,842,309		
TOTAL - 101729					56,018,505	5,176,196	50,842,309	5,346,779	6,495,530	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	0	0	0	50,842,309		
1027	101730	HEAVY CONSTRUCTION EQUIPMENT	EW621	A	29,843,576	2,913,778	26,929,798	5,989,688	5,940,110	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	26,929,798		
TOTAL - 101730					29,843,576	2,913,778	26,929,798	5,989,688	5,940,110	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	26,929,798		
TOTAL - 1027					123,367,904	20,627,282	102,740,622	15,247,828	18,492,794	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	0	0	0	102,740,622		
1029	100627	WASTEWATER TREATMENT PLANTS REHABILITATION	EW621	A	78,583,278	12,913,778	65,669,500	20,273,000	11,796,500	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	0	0	0	65,669,500		
			EW646	A	771,190	771,190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW658	A	3,051	3,051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL - 100627					79,357,519	13,688,019	65,669,500	20,273,000	11,796,500	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	0	0	0	65,669,500		

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1029	101732	SECURITY PROJECTS	2017S	F	608,333	0	608,333	0	0	608,333	0	0	0	0	0	0	0	0	0	608,333
			2018S	F	3,526,484	0	3,526,484	0	0	0	3,526,484	0	0	0	0	0	0	0	0	3,526,484
			EW621	A	13,104,000	0	13,104,000	3,526,000	1,178,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	0	0	0	0	13,104,000
			EW660	A	608,333	0	608,333	608,333	0	0	0	0	0	0	0	0	0	0	0	608,333
			RB16S	F	608,333	0	608,333	0	608,333	0	0	0	0	0	0	0	0	0	0	608,333
		TOTAL - 101732			18,455,483	0	18,455,483	4,134,333	1,786,333	2,008,333	4,926,484	1,400,000	1,400,000	1,400,000	1,400,000	0	0	0	0	18,455,483
1029	102018	UPGRADE WHOLESALE WASTEWATER FLOW METERS	FUTFS	F	51,650,000	0	51,650,000	0	0	0	0	0	0	0	51,650,000	0	0	0	0	51,650,000
		TOTAL - 102018			51,650,000	0	51,650,000	0	0	0	0	0	0	0	51,650,000	0	0	0	0	51,650,000
		TOTAL - 1029			149,463,002	13,688,019	135,774,983	24,407,333	13,582,833	7,608,333	10,526,484	7,000,000	7,000,000	7,000,000	58,650,000	0	0	0	0	135,774,983
1032	101808	EMD GENERATOR HOUSING REPLACEMENT AT WWTP	EW658	A	1,250,000	0	1,250,000	1,250,000	0	0	0	0	0	0	0	0	0	0	0	1,250,000
			RB16S	F	550,000	0	550,000	0	550,000	0	0	0	0	0	0	0	0	0	0	550,000
		TOTAL - 101808			1,800,000	0	1,800,000	1,250,000	550,000	0	0	0	0	0	0	0	0	0	0	1,800,000
1032	101885	WWTP - VIDEO SURVEILLANCE SYSTEM	2017S	F	688,743	0	688,743	0	0	688,743	0	0	0	0	0	0	0	0	0	688,743
			2018S	F	288,424	0	288,424	0	0	0	288,424	0	0	0	0	0	0	0	0	288,424
			2019S	F	3,793,312	0	3,793,312	0	0	0	0	3,793,312	0	0	0	0	0	0	0	3,793,312
			2020S	F	160,180	0	160,180	0	0	0	0	0	160,180	0	0	0	0	0	0	160,180
			RB16S	F	69,341	0	69,341	0	69,341	0	0	0	0	0	0	0	0	0	0	69,341
		TOTAL - 101885			5,000,000	0	5,000,000	0	69,341	688,743	288,424	3,793,312	160,180	0	0	0	0	0	0	5,000,000
1032	102004	WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES	2021S	F	906,703	0	906,703	0	0	0	0	0	0	906,703	0	0	0	0	0	906,703



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1032	102004	WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES	FUTFS	F	6,593,297	0	6,593,297	0	0	0	0	0	0	0	2,157,552	4,435,745	0	0	6,593,297
		TOTAL - 102004			7,500,000	0	7,500,000	0	0	0	0	0	0	906,703	2,157,552	4,435,745	0	0	7,500,000
		TOTAL - 1032			14,300,000	0	14,300,000	1,250,000	619,341	688,743	288,424	3,793,312	160,180	906,703	2,157,552	4,435,745	0	0	14,300,000
1039	101791	CONTRACT SPECIFICATIONS MIASP	EW605	A	1,326,105	806,952	519,153	59,515	147,943	311,695	0	0	0	0	0	0	0	0	519,153
		TOTAL - 101791			1,326,105	806,952	519,153	59,515	147,943	311,695	0	0	0	0	0	0	0	0	519,153
		TOTAL - 1039			1,326,105	806,952	519,153	59,515	147,943	311,695	0	0	0	0	0	0	0	0	519,153
1040	101858	FLOW CONTROL PIPELINE INTERCONNECTION (CL-X)	2021S	F	293,545	0	293,545	0	0	0	0	0	0	293,545	0	0	0	0	293,545
			FUT-S	F	4,706,455	0	4,706,455	0	0	0	0	0	0	416,104	3,598,979	691,372	0	0	4,706,455
		TOTAL - 101858			5,000,000	0	5,000,000	0	0	0	0	0	293,545	416,104	3,598,979	691,372	0	0	5,000,000
1040	101862	UPGRADE AND EXPANSION TO PS 187 (CEP-187E)	2019S	F	4,268,795	0	4,268,795	0	0	0	0	4,268,795	0	0	0	0	0	0	4,268,795
			2020S	F	4,369,847	0	4,369,847	0	0	0	0	4,369,847	0	0	0	0	0	0	4,369,847
			2021S	F	3,894,086	0	3,894,086	0	0	0	0	0	3,894,086	0	0	0	0	0	3,894,086
			FUT-S	F	57,402,116	0	57,402,116	0	0	0	0	0	0	15,624,994	36,320,456	5,456,666	0	0	57,402,116
		TOTAL - 101862			69,934,844	0	69,934,844	0	0	0	0	4,268,795	4,369,847	3,894,086	15,624,994	36,320,456	5,456,666	0	69,934,844
1040	101867	CDWWTP HLD FILTERS (141 MGD) (CT-2)	2017S	F	566,932	0	566,932	0	0	566,932	0	0	0	0	0	0	0	0	566,932
			2018S	F	7,520,490	0	7,520,490	0	0	0	7,520,490	0	0	0	0	0	0	0	7,520,490
			2019S	F	1,838,616	0	1,838,616	0	0	0	0	1,838,616	0	0	0	0	0	0	1,838,616
			2020S	F	3,032,113	0	3,032,113	0	0	0	0	0	3,032,113	0	0	0	0	0	3,032,113
			2021S	F	4,334,417	0	4,334,417	0	0	0	0	0	0	4,334,417	0	0	0	0	4,334,417

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	
1040	101867	CDWWTP HLD FILTERS (141 MGD) (CT-2)	FUT-S	F	264,630,537	0	264,630,537	0	0	0	0	0	0	43,342,608	221,287,929	0	0	264,630,537	
		TOTAL - 101867			281,923,105	0	281,923,105	0	0	566,932	7,520,490	1,838,616	3,032,113	4,334,417	43,342,608	221,287,929	0	0	281,923,105
1040	102006	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	2018S	F	863,621	0	863,621	0	0	0	863,621	0	0	0	0	0	0	0	863,621
			2019S	F	1,805,330	0	1,805,330	0	0	0	0	1,805,330	0	0	0	0	0	0	1,805,330
			2020S	F	2,988,849	0	2,988,849	0	0	0	0	2,988,849	0	0	0	0	0	0	2,988,849
			2021S	F	4,859,936	0	4,859,936	0	0	0	0	0	4,859,936	0	0	0	0	0	4,859,936
			FUT-S	F	113,869,539	0	113,869,539	0	0	0	0	0	0	43,220,397	18,958,475	31,942,082	19,748,585	113,869,539	
		TOTAL - 102006			124,387,275	0	124,387,275	0	0	0	863,621	1,805,330	2,988,849	4,859,936	43,220,397	18,958,475	31,942,082	19,748,585	124,387,275
1040	102007	NDWWTP- BZ DEEP INJECTION WELLS (NE-2)	2018S	F	770,496	0	770,496	0	0	0	770,496	0	0	0	0	0	0	0	770,496
			2019S	F	1,872,276	0	1,872,276	0	0	0	0	1,872,276	0	0	0	0	0	0	1,872,276
			2020S	F	2,584,972	0	2,584,972	0	0	0	0	2,584,972	0	0	0	0	0	0	2,584,972
			2021S	F	4,500,000	0	4,500,000	0	0	0	0	0	4,500,000	0	0	0	0	0	4,500,000
			FUT-S	F	40,266,617	0	40,266,617	0	0	0	0	0	0	4,893,877	28,172,740	7,200,000	0	40,266,617	
		TOTAL - 102007			49,994,361	0	49,994,361	0	0	0	770,496	1,872,276	2,584,972	4,500,000	4,893,877	28,172,740	7,200,000	0	49,994,361
1040	102008	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	2019S	F	730,873	0	730,873	0	0	0	0	730,873	0	0	0	0	0	0	730,873
			2020S	F	2,315,273	0	2,315,273	0	0	0	0	0	2,315,273	0	0	0	0	0	2,315,273
			2021S	F	2,998,954	0	2,998,954	0	0	0	0	0	2,998,954	0	0	0	0	0	2,998,954
			FUT-S	F	32,879,270	0	32,879,270	0	0	0	0	0	0	20,704,443	8,559,811	3,615,016	0	32,879,270	
		TOTAL - 102008			38,924,370	0	38,924,370	0	0	0	730,873	2,315,273	2,998,954	20,704,443	8,559,811	3,615,016	0	38,924,370	

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1040	102009	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	2018S	F	897,390	0	897,390	0	0	0	897,390	0	0	0	0	0	0	0	0	897,390
			2019S	F	1,496,325	0	1,496,325	0	0	0	0	1,496,325	0	0	0	0	0	0	0	1,496,325
			2020S	F	2,099,101	0	2,099,101	0	0	0	0	2,099,101	0	0	0	0	0	0	0	2,099,101
			2021S	F	3,554,570	0	3,554,570	0	0	0	0	0	3,554,570	0	0	0	0	0	0	3,554,570
			FUT-S	F	78,097,756	0	78,097,756	0	0	0	0	0	0	41,444,721	12,157,808	24,495,227	0	0	0	78,097,756
		TOTAL - 102009			86,145,142	0	86,145,142	0	0	0	897,390	1,496,325	2,099,101	3,554,570	41,444,721	12,157,808	24,495,227	0	0	86,145,142
1040	102010	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	2017S	F	4,987,914	0	4,987,914	0	0	4,987,914	0	0	0	0	0	0	0	0	0	4,987,914
			2018S	F	5,240,205	0	5,240,205	0	0	0	5,240,205	0	0	0	0	0	0	0	0	5,240,205
			2019S	F	6,439,613	0	6,439,613	0	0	0	0	6,439,613	0	0	0	0	0	0	0	6,439,613
			2020S	F	3,772,945	0	3,772,945	0	0	0	0	3,772,945	0	0	0	0	0	0	0	3,772,945
			2021S	F	4,000,000	0	4,000,000	0	0	0	0	0	4,000,000	0	0	0	0	0	0	4,000,000
			EW660	A	2,711,211	0	2,711,211	2,711,211	0	0	0	0	0	0	0	0	0	0	0	2,711,211
			FUT-S	F	48,000,000	0	48,000,000	0	0	0	0	0	0	48,000,000	0	0	0	0	0	48,000,000
			RB16S	F	3,686,211	0	3,686,211	0	3,686,211	0	0	0	0	0	0	0	0	0	0	3,686,211
		TOTAL - 102010			78,838,099	0	78,838,099	2,711,211	3,686,211	4,987,914	5,240,205	6,439,613	3,772,945	4,000,000	48,000,000	0	0	0	0	78,838,099
1040	102034	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	2017S	F	8,880,821	0	8,880,821	0	0	8,880,821	0	0	0	0	0	0	0	0	0	8,880,821
			2018S	F	9,596,493	0	9,596,493	0	0	0	9,596,493	0	0	0	0	0	0	0	0	9,596,493
			2019S	F	12,202,181	0	12,202,181	0	0	0	0	12,202,181	0	0	0	0	0	0	0	12,202,181
			2020S	F	15,688,348	0	15,688,348	0	0	0	0	0	15,688,348	0	0	0	0	0	0	15,688,348



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	
1040	102034	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	2021S	F	17,758,930	0	17,758,930	0	0	0	0	0	0	17,758,930	0	0	0	0	17,758,930
			EW623	A	6,048,017	25,542	6,022,475	6,022,475	0	0	0	0	0	0	0	0	0	0	6,022,475
			EW660	A	7,792,372	0	7,792,372	0	7,792,372	0	0	0	0	0	0	0	0	0	7,792,372
			FUT-S	F	1,730,314,003	0	1,730,314,003	0	0	0	0	0	0	431,878,349	281,261,223	1,017,174,431	0	0	1,730,314,003
		TOTAL - 102034			1,808,281,165	25,542	1,808,255,623	6,022,475	7,792,372	8,880,821	9,596,493	12,202,181	15,688,348	17,758,930	431,878,349	281,261,223	1,017,174,431	0	1,808,255,623
1040	102038	CDWWTP - CENTRATE INJECTION WELL (CE-4)	2017S	F	275,541	0	275,541	0	0	275,541	0	0	0	0	0	0	0	0	275,541
			EW622	A	19,887,887	10,268,806	9,619,081	9,619,081	0	0	0	0	0	0	0	0	0	0	9,619,081
			EW646	A	344,254	344,254	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	6,261,129	4,430,735	1,830,394	1,830,394	0	0	0	0	0	0	0	0	0	0	1,830,394
			RB16S	F	1,737,638	0	1,737,638	0	1,737,638	0	0	0	0	0	0	0	0	0	1,737,638
		TOTAL - 102038			28,506,449	15,043,795	13,462,654	11,449,475	1,737,638	275,541	0	0	0	0	0	0	0	0	13,462,654
1040	102068	48-INCH FM CONNECTION IN NW 58 ST FROM NW 107 AVE TO NW 79 AVE - DORAL (CL-3)	2020S	F	572,977	0	572,977	0	0	0	0	0	572,977	0	0	0	0	0	572,977
			2021S	F	1,541,031	0	1,541,031	0	0	0	0	0	1,541,031	0	0	0	0	0	1,541,031
			FUT-S	F	39,028,873	0	39,028,873	0	0	0	0	0	0	2,677,143	28,588,232	7,763,498	0	0	39,028,873
		TOTAL - 102068			41,142,881	0	41,142,881	0	0	0	0	0	572,977	1,541,031	2,677,143	28,588,232	7,763,498	0	41,142,881
1040	102070	54-INCH FM FROM WP-1 (DORAL) TO WDWWTP (CL-9)	2019S	F	595,366	0	595,366	0	0	0	0	595,366	0	0	0	0	0	0	595,366
			2020S	F	2,570,013	0	2,570,013	0	0	0	0	2,570,013	0	0	0	0	0	0	2,570,013
			2021S	F	3,503,357	0	3,503,357	0	0	0	0	0	3,503,357	0	0	0	0	0	3,503,357

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1040	102070	54-INCH FM FROM WP-1 (DORAL) TO WDWTP (CL-9)	FUT-S	F	94,791,771	0	94,791,771	0	0	0	0	0	0	0	5,168,894	61,224,794	9,772,039	18,626,044	94,791,771	
		TOTAL - 102070			101,460,507	0	101,460,507	0	0	0	0	0	595,366	2,570,013	3,503,357	5,168,894	61,224,794	9,772,039	18,626,044	101,460,507
1040	102071	72-INCH FM CONNECTION IN SW 137 AVE TO CL-4 FM IN NW 6 ST (CL-5)	2020S	F	768,440	0	768,440	0	0	0	0	0	768,440	0	0	0	0	0	0	768,440
			2021S	F	1,902,441	0	1,902,441	0	0	0	0	0	1,902,441	0	0	0	0	0	0	1,902,441
			FUT-S	F	18,027,683	0	18,027,683	0	0	0	0	0	0	2,000,559	13,759,319	2,083,878	183,927	0	18,027,683	
		TOTAL - 102071			20,698,564	0	20,698,564	0	0	0	0	0	768,440	1,902,441	2,000,559	13,759,319	2,083,878	183,927	0	20,698,564
1040	102073	CDWWTP - PEAK FLOW TREATMENT (CT-3)	2020S	F	550,000	0	550,000	0	0	0	0	550,000	0	0	0	0	0	0	0	550,000
			2021S	F	5,613,482	0	5,613,482	0	0	0	0	5,613,482	0	0	0	0	0	0	0	5,613,482
			FUT-S	F	51,436,022	0	51,436,022	0	0	0	0	0	0	4,999,059	37,380,899	4,687,847	4,368,217	0	51,436,022	
		TOTAL - 102073			57,599,504	0	57,599,504	0	0	0	0	550,000	5,613,482	4,999,059	37,380,899	4,687,847	4,368,217	0	57,599,504	
1040	102075	DORAL BOOSTER STATION (WP-1)	2018S	F	507,385	0	507,385	0	0	0	507,385	0	0	0	0	0	0	0	0	507,385
			2019S	F	2,234,570	0	2,234,570	0	0	0	0	2,234,570	0	0	0	0	0	0	0	2,234,570
			2020S	F	2,183,439	0	2,183,439	0	0	0	0	2,183,439	0	0	0	0	0	0	0	2,183,439
			2021S	F	3,777,357	0	3,777,357	0	0	0	0	0	3,777,357	0	0	0	0	0	0	3,777,357
			FUT-S	F	22,726,118	0	22,726,118	0	0	0	0	0	0	20,872,557	1,847,223	6,338	0	0	22,726,118	
		TOTAL - 102075			31,428,869	0	31,428,869	0	0	0	507,385	2,234,570	2,183,439	3,777,357	20,872,557	1,847,223	6,338	0	0	31,428,869
1040	102076	EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWTP (CL-4)	2018S	F	1,174,185	0	1,174,185	0	0	0	1,174,185	0	0	0	0	0	0	0	0	1,174,185
			2019S	F	3,294,832	0	3,294,832	0	0	0	0	3,294,832	0	0	0	0	0	0	0	3,294,832



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1040	102076	EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWWT (CL-4)	2020S	F	2,940,441	0	2,940,441	0	0	0	0	0	2,940,441	0	0	0	0	0	0	2,940,441
			2021S	F	5,961,784	0	5,961,784	0	0	0	0	0	5,961,784	0	0	0	0	0	0	5,961,784
			FUT-S	F	168,100,951	0	168,100,951	0	0	0	0	0	49,783,530	79,628,425	36,023,914	2,665,082				168,100,951
		TOTAL - 102076			181,472,193	0	181,472,193	0	0	0	1,174,185	3,294,832	2,940,441	5,961,784	49,783,530	79,628,425	36,023,914	2,665,082		181,472,193
1040	102080	NDWWTP - PEAK FLOW TREATMENT (NT-3)	2019S	F	125,026	0	125,026	0	0	0	0	125,026	0	0	0	0	0	0	0	125,026
			2020S	F	3,083,624	0	3,083,624	0	0	0	0	3,083,624	0	0	0	0	0	0	0	3,083,624
			2021S	F	3,464,252	0	3,464,252	0	0	0	0	3,464,252	0	0	0	0	0	0	0	3,464,252
			FUT-S	F	34,889,410	0	34,889,410	0	0	0	0	0	3,502,146	27,192,367	3,850,508	344,389				34,889,410
		TOTAL - 102080			41,562,312	0	41,562,312	0	0	0	125,026	3,083,624	3,464,252	3,502,146	27,192,367	3,850,508	344,389			41,562,312
1040	102092	WDWWTP - INJECTION WELL PUMP STATION (WE-1)	2017S	F	750,000	0	750,000	0	0	750,000	0	0	0	0	0	0	0	0	0	750,000
			2018S	F	2,952,995	0	2,952,995	0	0	0	2,952,995	0	0	0	0	0	0	0	0	2,952,995
			2019S	F	3,796,525	0	3,796,525	0	0	0	3,796,525	0	0	0	0	0	0	0	0	3,796,525
			2020S	F	3,000,000	0	3,000,000	0	0	0	0	3,000,000	0	0	0	0	0	0	0	3,000,000
			2021S	F	7,024,688	0	7,024,688	0	0	0	0	0	7,024,688	0	0	0	0	0	0	7,024,688
			FUT-S	F	110,260,219	0	110,260,219	0	0	0	0	0	0	56,661,224	26,824,011	26,774,984	0			110,260,219
		TOTAL - 102092			127,784,427	0	127,784,427	0	0	750,000	2,952,995	3,796,525	3,000,000	7,024,688	56,661,224	26,824,011	26,774,984	0		127,784,427
1040	102093	WDWWTP - INJECTION WELLS (WE-2)	2017S	F	3,848,779	0	3,848,779	0	0	3,848,779	0	0	0	0	0	0	0	0	0	3,848,779
			2018S	F	4,525,474	0	4,525,474	0	0	0	4,525,474	0	0	0	0	0	0	0	0	4,525,474
			2019S	F	4,518,384	0	4,518,384	0	0	0	0	4,518,384	0	0	0	0	0	0	0	4,518,384



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future			
1040	102093	WDWWTP - INJECTION WELLS (WE-2)	2020S	F	3,000,000	0	3,000,000	0	0	0	0	0	3,000,000	0	0	0	0	0	3,000,000		
			2021S	F	6,646,444	0	6,646,444	0	0	0	0	0	6,646,444	0	0	0	0	0	6,646,444		
			FUT-S	F	94,765,671	0	94,765,671	0	0	0	0	0	0	15,162,166	12,032,440	67,571,065	0	0	94,765,671		
			RB16S	F	2,779,861	0	2,779,861	0	2,779,861	0	0	0	0	0	0	0	0	0	0	2,779,861	
			TOTAL - 102093					120,084,613	0	120,084,613	0	2,779,861	3,848,779	4,525,474	4,518,384	3,000,000	6,646,444	15,162,166	12,032,440	67,571,065	0
1040	102094	WDWWTP - PEAK FLOW TREATMENT	2020S	F	550,000	0	550,000	0	0	0	0	550,000	0	0	0	0	0	0	550,000		
			2021S	F	1,448,080	0	1,448,080	0	0	0	0	0	1,448,080	0	0	0	0	0	1,448,080		
			FUT-S	F	38,048,565	0	38,048,565	0	0	0	0	0	0	2,734,182	14,174,683	16,598,977	4,540,723	0	38,048,565		
			TOTAL - 102094					40,046,645	0	40,046,645	0	0	0	550,000	1,448,080	2,734,182	14,174,683	16,598,977	4,540,723	0	40,046,645
1040	102096	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	2017S	F	9,654,938	0	9,654,938	0	0	9,654,938	0	0	0	0	0	0	0	0	0	9,654,938	
			2018S	F	2,822,357	0	2,822,357	0	0	0	2,822,357	0	0	0	0	0	0	0	0	0	2,822,357
			2019S	F	1,053,791	0	1,053,791	0	0	0	0	1,053,791	0	0	0	0	0	0	0	0	1,053,791
			EW658	A	2,584,699	745,940	1,838,759	1,838,759	0	0	0	0	0	0	0	0	0	0	0	0	1,838,759
			EW660	A	8,137,392	0	8,137,392	500,162	7,637,230	0	0	0	0	0	0	0	0	0	0	0	8,137,392
			TOTAL - 102096					24,253,177	745,940	23,507,237	2,338,921	7,637,230	9,654,938	2,822,357	1,053,791	0	0	0	0	0	0
1040	102125	WWTP - STORM SURGE PROTECTION (XS-1)	2018S	F	550,000	0	550,000	0	0	0	550,000	0	0	0	0	0	0	0	0	550,000	
			2019S	F	1,933,302	0	1,933,302	0	0	0	0	1,933,302	0	0	0	0	0	0	0	0	1,933,302
			2020S	F	2,775,537	0	2,775,537	0	0	0	0	0	2,775,537	0	0	0	0	0	0	0	2,775,537
			2021S	F	5,706,817	0	5,706,817	0	0	0	0	0	0	5,706,817	0	0	0	0	0	0	5,706,817
			FUT-S	F	154,847,346	0	154,847,346	0	0	0	0	0	0	0	84,023,281	18,070,932	52,753,133	0	0	154,847,346	

Prepared by Capital Planning and Coordination Section



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		Future	
		TOTAL - 102125			165,813,002	0	165,813,002	0	0	0	550,000	1,933,302	2,775,537	5,706,817	84,023,281	18,070,932	52,753,133	0	165,813,002	
1040	102138	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	2017S	F	10,245,884	0	10,245,884	0	0	10,245,884	0	0	0	0	0	0	0	0	0	10,245,884
			2018S	F	10,245,884	0	10,245,884	0	0	0	10,245,884	0	0	0	0	0	0	0	0	10,245,884
			2019S	F	10,271,878	0	10,271,878	0	0	0	0	10,271,878	0	0	0	0	0	0	0	10,271,878
			2020S	F	10,180,331	0	10,180,331	0	0	0	0	10,180,331	0	0	0	0	0	0	0	10,180,331
			2021S	F	10,168,199	0	10,168,199	0	0	0	0	0	10,168,199	0	0	0	0	0	0	10,168,199
			EW658	A	9,335,432	9,083,746	251,686	251,686	0	0	0	0	0	0	0	0	0	0	0	251,686
			EW660	A	22,344,938	0	22,344,938	10,750,870	11,594,068	0	0	0	0	0	0	0	0	0	0	22,344,938
			FUT-S	F	43,245,490	0	43,245,490	0	0	0	0	0	0	0	24,751,564	18,493,926	0	0	0	43,245,490
		TOTAL - 102138			126,038,036	9,083,746	116,954,290	11,002,556	11,594,068	10,245,884	10,245,884	10,271,878	10,180,331	10,168,199	24,751,564	18,493,926	0	0	0	116,954,290
1040	102150	SDWWTP INDUSTRIAL WASTE INJECTION WELLS (SE-2)	2017S	F	3,103,038	0	3,103,038	0	0	3,103,038	0	0	0	0	0	0	0	0	0	3,103,038
			2018S	F	1,715,397	0	1,715,397	0	0	0	1,715,397	0	0	0	0	0	0	0	0	1,715,397
			2019S	F	750,000	0	750,000	0	0	0	0	750,000	0	0	0	0	0	0	0	750,000
			2020S	F	328,806	0	328,806	0	0	0	0	0	328,806	0	0	0	0	0	0	328,806
			EW660	A	689,605	0	689,605	689,605	0	0	0	0	0	0	0	0	0	0	0	689,605
			RB16S	F	1,809,967	0	1,809,967	0	1,809,967	0	0	0	0	0	0	0	0	0	0	1,809,967
		TOTAL - 102150			8,396,813	0	8,396,813	689,605	1,809,967	3,103,038	1,715,397	750,000	328,806	0	0	0	0	0	0	8,396,813
1040	102151	BZ EFFLUENT DISPOSAL PUMP STATION EXPANSION (SE-1)	2017S	F	2,474,801	0	2,474,801	0	0	2,474,801	0	0	0	0	0	0	0	0	0	2,474,801

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1040	102151	BZ EFFLUENT DISPOSAL PUMP STATION EXPANSION (SE-1)	2018S	F	3,189,351	0	3,189,351	0	0	0	3,189,351	0	0	0	0	0	0	0	0	3,189,351
			2019S	F	3,978,228	0	3,978,228	0	0	0	0	3,978,228	0	0	0	0	0	0	0	3,978,228
			2020S	F	3,492,559	0	3,492,559	0	0	0	0	3,492,559	0	0	0	0	0	0	0	3,492,559
			2021S	F	4,773,896	0	4,773,896	0	0	0	0	0	4,773,896	0	0	0	0	0	0	4,773,896
			FUT-S	F	15,000,000	0	15,000,000	0	0	0	0	0	0	4,000,000	11,000,000	0	0	0	15,000,000	
			RB16S	F	1,779,621	0	1,779,621	0	1,779,621	0	0	0	0	0	0	0	0	0	0	1,779,621
		TOTAL - 102151			34,688,456	0	34,688,456	0	1,779,621	2,474,801	3,189,351	3,978,228	3,492,559	4,773,896	4,000,000	11,000,000	0	0	0	34,688,456
		TOTAL - 1040			3,694,404,809	24,899,023	3,669,505,786	34,214,243	38,816,968	44,788,648	52,571,723	63,205,911	72,847,615	107,726,266	925,861,798	960,534,672	1,318,460,975	50,476,967	0	3,669,505,786
1041	101611	SANITARY SEWER SYSTEM ENHANCEMENTS	EW647	A	8,633,759	4,309,896	4,323,863	844,132	1,082,050	432,489	397,303	598,292	367,339	0	602,258	0	0	0	0	4,323,863
		TOTAL - 101611			8,633,759	4,309,896	4,323,863	844,132	1,082,050	432,489	397,303	598,292	367,339	0	602,258	0	0	0	0	4,323,863
1041	101612	SANITARY SEWER NEEDS ASSESSMENT	EW647	A	3,529,012	1,304,224	2,224,788	219,722	368,988	526,088	511,043	488,947	70,000	40,000	0	0	0	0	0	2,224,788
		TOTAL - 101612			3,529,012	1,304,224	2,224,788	219,722	368,988	526,088	511,043	488,947	70,000	40,000	0	0	0	0	0	2,224,788
1041	101796	UPGRADE OF MIAMI SPRINGS PUMP STATION AND CONTRACT SPECIFICATIONS	EW647	A	838,000	567,035	270,965	20,000	40,000	110,965	100,000	0	0	0	0	0	0	0	0	270,965
		TOTAL - 101796			838,000	567,035	270,965	20,000	40,000	110,965	100,000	0	0	0	0	0	0	0	0	270,965
1041	101957	NW 37TH AVENUE - SEWER MAINS IMPROVEMENTS	EW647	A	5,110,500	1,308,971	3,801,529	1,000,000	1,081,000	924,054	370,000	426,475	0	0	0	0	0	0	0	3,801,529
		TOTAL - 101957			5,110,500	1,308,971	3,801,529	1,000,000	1,081,000	924,054	370,000	426,475	0	0	0	0	0	0	0	3,801,529
		TOTAL - 1041			18,111,271	7,490,126	10,621,145	2,083,854	2,572,038	1,993,596	1,378,346	1,513,714	437,339	40,000	602,258	0	0	0	0	10,621,145

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1042	101967	WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS	EW621	A	28,932,534	5,932,534	23,000,000	2,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	23,000,000	
			EW646	A	1,437,623	1,437,623	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 101967			30,370,157	7,370,157	23,000,000	2,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	23,000,000	
		TOTAL - 1042			30,370,157	7,370,157	23,000,000	2,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	23,000,000		
1044	102500	SDWWTP - HEADWORKS	2017S	F	710,418	0	710,418	0	0	710,418	0	0	0	0	0	0	0	0	0	710,418
			2018S	F	495,910	0	495,910	0	0	0	495,910	0	0	0	0	0	0	0	0	495,910
			2019S	F	231,006	0	231,006	0	0	0	0	231,006	0	0	0	0	0	0	0	231,006
			EW658	A	414,454	45,236	369,218	369,218	0	0	0	0	0	0	0	0	0	0	0	369,218
			RB16S	F	720,738	0	720,738	0	720,738	0	0	0	0	0	0	0	0	0	0	720,738
		TOTAL - 102500			2,572,526	45,236	2,527,290	369,218	720,738	710,418	495,910	231,006	0	0	0	0	0	0	0	2,527,290
1044	102501	SDWWTP - OXYGEN PRODUCTION	2017S	F	4,683,860	0	4,683,860	0	0	4,683,860	0	0	0	0	0	0	0	0	0	4,683,860
			2018S	F	3,878,190	0	3,878,190	0	0	0	3,878,190	0	0	0	0	0	0	0	0	3,878,190
			2019S	F	1,750,000	0	1,750,000	0	0	0	0	1,750,000	0	0	0	0	0	0	0	1,750,000
			2020S	F	1,611,289	0	1,611,289	0	0	0	0	0	1,611,289	0	0	0	0	0	0	1,611,289
			EW658	A	1,251,589	266,741	984,848	984,848	0	0	0	0	0	0	0	0	0	0	0	984,848
			RB16S	F	2,018,710	0	2,018,710	0	2,018,710	0	0	0	0	0	0	0	0	0	0	2,018,710
		TOTAL - 102501			15,193,638	266,741	14,926,897	984,848	2,018,710	4,683,860	3,878,190	1,750,000	1,611,289	0	0	0	0	0	0	14,926,897
1044	102502	SDWWTP - OXYGENATION TRAINS	2017S	F	3,284,987	0	3,284,987	0	0	3,284,987	0	0	0	0	0	0	0	0	0	3,284,987
			2018S	F	3,002,000	0	3,002,000	0	0	0	3,002,000	0	0	0	0	0	0	0	0	3,002,000
			2019S	F	3,214,478	0	3,214,478	0	0	0	0	3,214,478	0	0	0	0	0	0	0	3,214,478

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS													
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total		
1044	102502	SDWWTP - OXYGENATION TRAINS	2020S	F	3,151,018	0	3,151,018	0	0	0	0	0	3,151,018	0	0	0	0	0	0	3,151,018	
			2021S	F	2,821,875	0	2,821,875	0	0	0	0	0	2,821,875	0	0	0	0	0	0	2,821,875	
			EW660	A	1,281,358	0	1,281,358	1,281,358	0	0	0	0	0	0	0	0	0	0	0	0	1,281,358
			FUT-S	F	19,741,467	0	19,741,467	0	0	0	0	0	0	0	2,048,582	7,507,480	9,347,740	837,665	0	0	19,741,467
			RB16S	F	2,413,841	0	2,413,841	0	2,413,841	0	0	0	0	0	0	0	0	0	0	0	2,413,841
TOTAL - 102502					38,911,024	0	38,911,024	1,281,358	2,413,841	3,284,987	3,002,000	3,214,478	3,151,018	2,821,875	2,048,582	7,507,480	9,347,740	837,665	38,911,024		
1044	102503	SDWWTP - CHLORINE BUILDING	2017S	F	86,495	0	86,495	0	0	86,495	0	0	0	0	0	0	0	0	0	86,495	
			2018S	F	83,760	0	83,760	0	0	0	83,760	0	0	0	0	0	0	0	0	0	83,760
			2019S	F	10,887	0	10,887	0	0	0	10,887	0	0	0	0	0	0	0	0	0	10,887
			2020S	F	990,949	0	990,949	0	0	0	0	990,949	0	0	0	0	0	0	0	0	990,949
			2021S	F	2,108,581	0	2,108,581	0	0	0	0	0	2,108,581	0	0	0	0	0	0	0	2,108,581
			FUT-S	F	52,656	0	52,656	0	0	0	0	0	0	0	52,656	0	0	0	0	0	52,656
TOTAL - 102503					3,333,328	0	3,333,328	0	0	86,495	83,760	10,887	990,949	2,108,581	52,656	0	0	0	3,333,328		
1044	102504	SDWWTP - EFFLUENT PUMP STATION	2017S	F	2,984,137	0	2,984,137	0	0	2,984,137	0	0	0	0	0	0	0	0	0	2,984,137	
			2018S	F	3,825,621	0	3,825,621	0	0	0	3,825,621	0	0	0	0	0	0	0	0	0	3,825,621
			2019S	F	4,381,361	0	4,381,361	0	0	0	4,381,361	0	0	0	0	0	0	0	0	0	4,381,361
			2020S	F	3,329,084	0	3,329,084	0	0	0	0	3,329,084	0	0	0	0	0	0	0	0	3,329,084
			2021S	F	4,733,122	0	4,733,122	0	0	0	0	0	4,733,122	0	0	0	0	0	0	0	4,733,122
			EW658	A	4,093,273	2,512,694	1,580,579	1,580,579	0	0	0	0	0	0	0	0	0	0	0	0	1,580,579
			FUT-S	F	13,019,761	0	13,019,761	0	0	0	0	0	0	0	8,019,761	5,000,000	0	0	0	0	13,019,761

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1044	102504	SDWWTP - EFFLUENT PUMP STATION	RB16S	F	3,194,430	0	3,194,430	0	3,194,430	0	0	0	0	0	0	0	0	0	0	3,194,430
		TOTAL - 102504			39,560,789	2,512,694	37,048,095	1,580,579	3,194,430	2,984,137	3,825,621	4,381,361	3,329,084	4,733,122	8,019,761	5,000,000	0	0	37,048,095	
1044	102505	SDWWTP - GRAVITY SLUDGE THICKENERS	2019S	F	750,000	0	750,000	0	0	0	0	750,000	0	0	0	0	0	0	0	750,000
			2020S	F	2,500,000	0	2,500,000	0	0	0	0	0	2,500,000	0	0	0	0	0	0	2,500,000
			2021S	F	3,483,804	0	3,483,804	0	0	0	0	0	0	3,483,804	0	0	0	0	0	3,483,804
			FUT-S	F	34,275,588	0	34,275,588	0	0	0	0	0	0	0	15,130,206	19,145,382	0	0	0	34,275,588
		TOTAL - 102505			41,009,392	0	41,009,392	0	0	0	0	750,000	2,500,000	3,483,804	15,130,206	19,145,382	0	0	41,009,392	
1044	102506	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	2017S	F	3,211,435	0	3,211,435	0	0	3,211,435	0	0	0	0	0	0	0	0	0	3,211,435
			2018S	F	3,339,083	0	3,339,083	0	0	0	3,339,083	0	0	0	0	0	0	0	0	3,339,083
			2019S	F	3,549,395	0	3,549,395	0	0	0	0	3,549,395	0	0	0	0	0	0	0	3,549,395
			2020S	F	2,898,458	0	2,898,458	0	0	0	0	0	2,898,458	0	0	0	0	0	0	2,898,458
			2021S	F	2,887,648	0	2,887,648	0	0	0	0	0	0	2,887,648	0	0	0	0	0	2,887,648
			EW658	A	627,262	627,262	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	3,102,357	0	3,102,357	3,102,357	0	0	0	0	0	0	0	0	0	0	0	3,102,357
			FUT-S	F	61,200,000	0	61,200,000	0	0	0	0	0	0	0	41,000,000	20,200,000	0	0	0	61,200,000
			RB16S	F	574,648	0	574,648	0	574,648	0	0	0	0	0	0	0	0	0	0	574,648
		TOTAL - 102506			81,390,286	627,262	80,763,024	3,102,357	574,648	3,211,435	3,339,083	3,549,395	2,898,458	2,887,648	41,000,000	20,200,000	0	0	80,763,024	
1044	102507	SDWWTP - DEWATERING FACILITY	2017S	F	5,728,880	0	5,728,880	0	0	5,728,880	0	0	0	0	0	0	0	0	0	5,728,880
			2018S	F	5,571,522	0	5,571,522	0	0	0	5,571,522	0	0	0	0	0	0	0	0	5,571,522
			2019S	F	4,323,383	0	4,323,383	0	0	0	0	4,323,383	0	0	0	0	0	0	0	4,323,383

Prepared by Capital Planning and Coordination Section



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS														
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total			
1044	102507	SDWWTP - DEWATERING FACILITY	2020S	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		
			2021S	F	5,000,000	0	5,000,000	0	0	0	0	0	0	5,000,000	0	0	0	0	0	0	5,000,000	
			EW658	A	515,247	515,247	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,040,819	0	1,040,819	1,040,819	0	0	0	0	0	0	0	0	0	0	0	0	0	1,040,819
			FUT-S	F	59,000,000	0	59,000,000	0	0	0	0	0	0	0	20,000,000	39,000,000	0	0	0	0	0	59,000,000
			RB16S	F	3,467,245	0	3,467,245	0	3,467,245	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL - 102507					87,647,096	515,247	87,131,849	1,040,819	3,467,245	5,728,880	5,571,522	4,323,383	3,000,000	5,000,000	20,000,000	39,000,000	0	0	87,131,849			
1044	102508	SDWWTP - FOG REMOVAL FACILITY	2017S	F	774,432	0	774,432	0	0	774,432	0	0	0	0	0	0	0	0	0	774,432		
			EW658	A	1,062,497	478,393	584,104	584,104	0	0	0	0	0	0	0	0	0	0	0	0	584,104	
			RB16S	F	3,390,184	0	3,390,184	0	3,390,184	0	0	0	0	0	0	0	0	0	0	0	0	3,390,184
TOTAL - 102508					5,227,113	478,393	4,748,720	584,104	3,390,184	774,432	0	0	0	0	0	0	0	0	0	4,748,720		
1044	102509	SDWWTP - ODOR CONTROL	2018S	F	476,636	0	476,636	0	0	0	476,636	0	0	0	0	0	0	0	0	0	476,636	
			2019S	F	421,783	0	421,783	0	0	0	0	421,783	0	0	0	0	0	0	0	0	0	421,783
			2020S	F	1,175,576	0	1,175,576	0	0	0	0	0	1,175,576	0	0	0	0	0	0	0	0	1,175,576
			2021S	F	3,507,965	0	3,507,965	0	0	0	0	0	0	3,507,965	0	0	0	0	0	0	0	3,507,965
			FUT-S	F	11,123,400	0	11,123,400	0	0	0	0	0	0	0	0	11,050,336	73,064	0	0	0	0	11,123,400
TOTAL - 102509					16,705,360	0	16,705,360	0	0	0	476,636	421,783	1,175,576	3,507,965	11,050,336	73,064	0	0	0	16,705,360		
1044	102510	SDWWTP - GENERAL ELECTRICAL	2017S	F	750,000	0	750,000	0	0	750,000	0	0	0	0	0	0	0	0	0	750,000		
			2018S	F	1,152,011	0	1,152,011	0	0	0	1,152,011	0	0	0	0	0	0	0	0	0	0	1,152,011
			2019S	F	2,158,543	0	2,158,543	0	0	0	0	2,158,543	0	0	0	0	0	0	0	0	0	2,158,543

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future			
1044	102510	SDWWTP - GENERAL ELECTRICAL	2020S	F	3,015,359	0	3,015,359	0	0	0	0	0	3,015,359	0	0	0	0	0	0	3,015,359	
			2021S	F	4,000,000	0	4,000,000	0	0	0	0	0	4,000,000	0	0	0	0	0	0	4,000,000	
			EW660	A	295,264	0	295,264	295,264	0	0	0	0	0	0	0	0	0	0	0	0	295,264
			FUT-S	F	2,331,058	0	2,331,058	0	0	0	0	0	0	2,331,058	0	0	0	0	0	0	2,331,058
			RB16S	F	699,856	0	699,856	0	699,856	0	0	0	0	0	0	0	0	0	0	0	699,856
TOTAL - 102510					14,402,091	0	14,402,091	295,264	699,856	750,000	1,152,011	2,158,543	3,015,359	4,000,000	2,331,058	0	0	0	14,402,091		
1044	102511	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	2017S	F	19,993	0	19,993	0	0	19,993	0	0	0	0	0	0	0	0	0	19,993	
			2018S	F	940,090	0	940,090	0	0	940,090	0	0	0	0	0	0	0	0	0	0	940,090
			2019S	F	2,256,810	0	2,256,810	0	0	0	2,256,810	0	0	0	0	0	0	0	0	0	2,256,810
			2020S	F	2,807,228	0	2,807,228	0	0	0	0	2,807,228	0	0	0	0	0	0	0	0	2,807,228
			2021S	F	1,112,403	0	1,112,403	0	0	0	0	0	1,112,403	0	0	0	0	0	0	0	1,112,403
			EW660	A	82,835	0	82,835	82,835	0	0	0	0	0	0	0	0	0	0	0	0	82,835
			FUT-S	F	500,000	0	500,000	0	0	0	0	0	0	500,000	0	0	0	0	0	0	500,000
			RB16S	F	380,485	0	380,485	0	380,485	0	0	0	0	0	0	0	0	0	0	0	380,485
TOTAL - 102511					8,099,844	0	8,099,844	82,835	380,485	19,993	940,090	2,256,810	2,807,228	1,112,403	500,000	0	0	0	8,099,844		
1044	102600	CDWWTP - ELECTRICAL IMPROVEMENTS	2017S	F	1,076,729	0	1,076,729	0	0	1,076,729	0	0	0	0	0	0	0	0	0	1,076,729	
			2018S	F	2,855,006	0	2,855,006	0	0	2,855,006	0	0	0	0	0	0	0	0	0	2,855,006	
			2019S	F	3,431,290	0	3,431,290	0	0	0	3,431,290	0	0	0	0	0	0	0	0	0	3,431,290
			2020S	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
			2021S	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

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total				
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future					
1044	102600	CDWWTP - ELECTRICAL IMPROVEMENTS	EW660	A	2,413,660	0	2,413,660	2,413,660	0	0	0	0	0	0	0	0	0	0	0	2,413,660			
			FUT-S	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			
			RB16S	F	1,009,682	0	1,009,682	0	1,009,682	0	0	0	0	0	0	0	0	0	0	0	1,009,682		
		TOTAL - 102600					17,786,367	0	17,786,367	2,413,660	1,009,682	1,076,729	2,855,006	3,431,290	1,500,000	1,000,000	4,500,000	0	0	0	17,786,367		
1044	102601	CDWWTP - BUILDING IMPROVEMENTS	2017S	F	158,958	0	158,958	0	0	158,958	0	0	0	0	0	0	0	0	0	0	158,958		
			2018S	F	17,066	0	17,066	0	0	0	17,066	0	0	0	0	0	0	0	0	0	0	17,066	
			2019S	F	17,112	0	17,112	0	0	0	0	17,112	0	0	0	0	0	0	0	0	0	17,112	
			2020S	F	17,066	0	17,066	0	0	0	0	0	17,066	0	0	0	0	0	0	0	0	17,066	
			2021S	F	17,066	0	17,066	0	0	0	0	0	0	17,066	0	0	0	0	0	0	0	17,066	
			EW658	A	99,868	99,868	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	2,023,357	0	2,023,357	2,023,357	0	0	0	0	0	0	0	0	0	0	0	0	0	2,023,357	
			FUT-S	F	62,123	0	62,123	0	0	0	0	0	0	0	17,066	17,112	13,004	14,941	0	0	0	62,123	
			RB16S	F	2,278,100	0	2,278,100	0	2,278,100	0	0	0	0	0	0	0	0	0	0	0	0	0	2,278,100
			TOTAL - 102601					4,690,716	99,868	4,590,848	2,023,357	2,278,100	158,958	17,066	17,112	17,066	17,066	17,112	13,004	14,941	0	4,590,848	
1044	102602	HEADWORKS PLANT 1	2017S	F	5,101,834	0	5,101,834	0	0	5,101,834	0	0	0	0	0	0	0	0	0	0	5,101,834		
			EW658	A	956,681	956,681	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
			EW660	A	5,248,141	0	5,248,141	5,248,141	0	0	0	0	0	0	0	0	0	0	0	0	0	5,248,141	
			RB16S	F	7,087,573	0	7,087,573	0	7,087,573	0	0	0	0	0	0	0	0	0	0	0	0	7,087,573	
TOTAL - 102602					18,394,229	956,681	17,437,548	5,248,141	7,087,573	5,101,834	0	0	0	0	0	0	0	0	0	17,437,548			
1044	102603	CDWWTP - HEADWORKS PLANT 2	2017S	F	4,629,698	0	4,629,698	0	0	4,629,698	0	0	0	0	0	0	0	0	0	4,629,698			



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total			
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future				
1044	102603	CDWWTP - HEADWORKS PLANT 2	2018S	F	1,889,952	0	1,889,952	0	0	0	1,889,952	0	0	0	0	0	0	0	0	1,889,952		
			2019S	F	1,300,000	0	1,300,000	0	0	0	0	1,300,000	0	0	0	0	0	0	0	0	1,300,000	
			2020S	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	2,367,889	0	2,367,889	2,367,889	0	0	0	0	0	0	0	0	0	0	0	0	0	2,367,889
			RB16S	F	6,462,122	0	6,462,122	0	6,462,122	0	0	0	0	0	0	0	0	0	0	0	0	6,462,122
TOTAL - 102603					17,649,661	0	17,649,661	2,367,889	6,462,122	4,629,698	1,889,952	1,300,000	1,000,000	0	0	0	0	0	0	17,649,661		
1044	102604	CDWWTP - OXYGENATION TRAINS PLANT 1	2017S	F	5,411,025	0	5,411,025	0	0	5,411,025	0	0	0	0	0	0	0	0	0	5,411,025		
			2018S	F	2,079,045	0	2,079,045	0	0	0	2,079,045	0	0	0	0	0	0	0	0	0	2,079,045	
			2019S	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	
			2020S	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	
			2021S	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	
			EW658	A	161,854	137,483	24,371	24,371	0	0	0	0	0	0	0	0	0	0	0	0	0	24,371
			FUT-S	F	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000	0	0	0	0	0	1,000,000
			RB16S	F	1,943,159	0	1,943,159	0	1,943,159	0	0	0	0	0	0	0	0	0	0	0	0	1,943,159
TOTAL - 102604					13,595,083	137,483	13,457,600	24,371	1,943,159	5,411,025	2,079,045	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	13,457,600			
1044	102605	CDWWTP - OXYGENATION TRAINS PLANT 2	2017S	F	6,137,270	0	6,137,270	0	0	6,137,270	0	0	0	0	0	0	0	0	0	6,137,270		
			2018S	F	5,712,439	0	5,712,439	0	0	0	5,712,439	0	0	0	0	0	0	0	0	0	5,712,439	
			2019S	F	4,043,028	0	4,043,028	0	0	0	0	4,043,028	0	0	0	0	0	0	0	0	4,043,028	
			2020S	F	2,509,411	0	2,509,411	0	0	0	0	0	2,509,411	0	0	0	0	0	0	0	2,509,411	
			2021S	F	2,414,078	0	2,414,078	0	0	0	0	0	0	2,414,078	0	0	0	0	0	0	2,414,078	



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future			
1044	102605	CDWWTP - OXYGENATION TRAINS PLANT 2	EW658	A	3,694,813	3,694,813	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	3,882,462	0	3,882,462	3,882,462	0	0	0	0	0	0	0	0	0	0	0	0	3,882,462
			FUT-S	F	1,038,305	0	1,038,305	0	0	0	0	0	0	1,038,305	0	0	0	0	0	0	1,038,305
			RB16S	F	5,736,219	0	5,736,219	0	5,736,219	0	0	0	0	0	0	0	0	0	0	0	5,736,219
TOTAL - 102605					35,168,025	3,694,813	31,473,212	3,882,462	5,736,219	6,137,270	5,712,439	4,043,028	2,509,411	2,414,078	1,038,305	0	0	0	31,473,212		
1044	102606	CDWWTP - SECONDARY CLARIFIERS PLANT 1	2020S	F	1,250,849	0	1,250,849	0	0	0	0	1,250,849	0	0	0	0	0	0	1,250,849		
			2021S	F	48,748	0	48,748	0	0	0	0	0	48,748	0	0	0	0	0	0	48,748	
			FUT-S	F	19,457,790	0	19,457,790	0	0	0	0	0	0	12,912	4,628,721	9,920,277	4,895,880	0	0	19,457,790	
TOTAL - 102606					20,757,387	0	20,757,387	0	0	0	0	1,250,849	48,748	12,912	4,628,721	9,920,277	4,895,880	0	20,757,387		
1044	102607	CDWWTP - SECONDARY CLARIFIERS PLANT 2	2017S	F	90,241	0	90,241	0	0	90,241	0	0	0	0	0	0	0	0	0	90,241	
			2018S	F	2,479,004	0	2,479,004	0	0	0	2,479,004	0	0	0	0	0	0	0	0	0	2,479,004
			2019S	F	3,444,357	0	3,444,357	0	0	0	3,444,357	0	0	0	0	0	0	0	0	0	3,444,357
			2020S	F	3,000,000	0	3,000,000	0	0	0	0	3,000,000	0	0	0	0	0	0	0	0	3,000,000
			2021S	F	4,539,085	0	4,539,085	0	0	0	0	0	4,539,085	0	0	0	0	0	0	0	4,539,085
			EW660	A	596,632	0	596,632	596,632	0	0	0	0	0	0	0	0	0	0	0	0	596,632
			FUT-S	F	17,768,557	0	17,768,557	0	0	0	0	0	0	0	4,494,419	13,274,138	0	0	0	0	17,768,557
			RB16S	F	1,700,390	0	1,700,390	0	1,700,390	0	0	0	0	0	0	0	0	0	0	0	1,700,390
TOTAL - 102607					33,618,266	0	33,618,266	596,632	1,700,390	90,241	2,479,004	3,444,357	3,000,000	4,539,085	4,494,419	13,274,138	0	0	33,618,266		
1044	102608	CDWWTP - RS PUMP STATIONS PLANT 1	2020S	F	120,381	0	120,381	0	0	0	0	120,381	0	0	0	0	0	0	120,381		
			2021S	F	736,083	0	736,083	0	0	0	0	0	736,083	0	0	0	0	0	0	736,083	

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1044	102608	CDWWTP - RS PUMP STATIONS PLANT 1	FUT-S	F	14,914,809	0	14,914,809	0	0	0	0	0	0	0	124,192	3,533,436	7,537,336	3,719,845	14,914,809
		TOTAL - 102608			15,771,273	0	15,771,273	0	0	0	0	0	120,381	736,083	124,192	3,533,436	7,537,336	3,719,845	15,771,273
1044	102609	CDWWTP - RS PUMP STATIONS PLANT 2	2017S	F	50,451	0	50,451	0	0	50,451	0	0	0	0	0	0	0	0	50,451
			2018S	F	1,516,597	0	1,516,597	0	0	0	1,516,597	0	0	0	0	0	0	0	1,516,597
			2019S	F	2,570,857	0	2,570,857	0	0	0	0	2,570,857	0	0	0	0	0	0	2,570,857
			2020S	F	2,917,649	0	2,917,649	0	0	0	0	0	2,917,649	0	0	0	0	0	2,917,649
			2021S	F	3,179,310	0	3,179,310	0	0	0	0	0	0	3,179,310	0	0	0	0	3,179,310
			EW660	A	26,134	0	26,134	26,134	0	0	0	0	0	0	0	0	0	0	26,134
			FUT-S	F	7,276,040	0	7,276,040	0	0	0	0	0	0	0	2,498,839	4,777,201	0	0	7,276,040
			RB16S	F	1,258,073	0	1,258,073	0	1,258,073	0	0	0	0	0	0	0	0	0	1,258,073
		TOTAL - 102609			18,795,111	0	18,795,111	26,134	1,258,073	50,451	1,516,597	2,570,857	2,917,649	3,179,310	2,498,839	4,777,201	0	0	18,795,111
1044	102610	CDWWTP - EFFLUENT PUMP STATION	2017S	F	1,520,206	0	1,520,206	0	0	1,520,206	0	0	0	0	0	0	0	0	1,520,206
			2018S	F	3,397,550	0	3,397,550	0	0	0	3,397,550	0	0	0	0	0	0	0	3,397,550
			2019S	F	3,812,229	0	3,812,229	0	0	0	0	3,812,229	0	0	0	0	0	0	3,812,229
			2020S	F	3,229,692	0	3,229,692	0	0	0	0	0	3,229,692	0	0	0	0	0	3,229,692
			2021S	F	3,000,000	0	3,000,000	0	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000
			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
			RB16S	F	505,634	0	505,634	0	505,634	0	0	0	0	0	0	0	0	0	505,634
		TOTAL - 102610			17,465,311	0	17,465,311	0	505,634	1,520,206	3,397,550	3,812,229	3,229,692	3,000,000	2,000,000	0	0	0	17,465,311
1044	102611	CDWWTP - SLUDGE THICKENERS PLANT 1	2018S	F	1,915,937	0	1,915,937	0	0	0	1,915,937	0	0	0	0	0	0	0	1,915,937

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1044	102611	CDWWTP - SLUDGE THICKENERS PLANT 1	2019S	F	2,051,736	0	2,051,736	0	0	0	0	2,051,736	0	0	0	0	0	0	0	2,051,736
			2020S	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
			2021S	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
			FUT-S	F	13,138,808	0	13,138,808	0	0	0	0	0	0	13,138,808	0	0	0	0	0	13,138,808
TOTAL - 102611					26,106,481	0	26,106,481	0	0	0	1,915,937	2,051,736	3,500,000	5,500,000	13,138,808	0	0	0	26,106,481	
1044	102612	CDWWTP - SLUDGE THICKENERS PLANT 2	2017S	F	5,715,555	0	5,715,555	0	0	5,715,555	0	0	0	0	0	0	0	0	0	5,715,555
			2018S	F	6,351,587	0	6,351,587	0	0	0	6,351,587	0	0	0	0	0	0	0	0	6,351,587
			2019S	F	4,201,878	0	4,201,878	0	0	0	4,201,878	0	0	0	0	0	0	0	0	4,201,878
			2020S	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
			2021S	F	2,500,000	0	2,500,000	0	0	0	0	0	2,500,000	0	0	0	0	0	0	2,500,000
			FUT-S	F	2,000,000	0	2,000,000	0	0	0	0	0	0	2,000,000	0	0	0	0	0	2,000,000
			RB16S	F	1,459,889	0	1,459,889	0	1,459,889	0	0	0	0	0	0	0	0	0	0	0
TOTAL - 102612					24,728,909	0	24,728,909	0	1,459,889	5,715,555	6,351,587	4,201,878	2,500,000	2,500,000	2,000,000	0	0	0	24,728,909	
1044	102613	CDWWTP - DIGESTERS PLANT 1	2019S	F	553,218	0	553,218	0	0	0	0	553,218	0	0	0	0	0	0	553,218	
			2020S	F	1,108,740	0	1,108,740	0	0	0	0	1,108,740	0	0	0	0	0	0	1,108,740	
			2021S	F	1,832,356	0	1,832,356	0	0	0	0	0	1,832,356	0	0	0	0	0	1,832,356	
			FUT-S	F	98,559,912	0	98,559,912	0	0	0	0	0	0	20,558,426	30,597,793	40,149,556	7,254,137	98,559,912		
TOTAL - 102613					102,054,226	0	102,054,226	0	0	0	553,218	1,108,740	1,832,356	20,558,426	30,597,793	40,149,556	7,254,137	102,054,226		
1044	102614	CDWWTP - DIGESTERS PLANT 2	2017S	F	8,557,077	0	8,557,077	0	0	8,557,077	0	0	0	0	0	0	0	0	8,557,077	
			2018S	F	5,016,225	0	5,016,225	0	0	0	5,016,225	0	0	0	0	0	0	0	0	5,016,225

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1044	102614	CDWWTP - DIGESTERS PLANT 2	2019S	F	5,608,774	0	5,608,774	0	0	0	0	5,608,774	0	0	0	0	0	0	0	5,608,774
			2020S	F	3,613,758	0	3,613,758	0	0	0	0	0	3,613,758	0	0	0	0	0	0	3,613,758
			2021S	F	4,462,494	0	4,462,494	0	0	0	0	0	4,462,494	0	0	0	0	0	0	4,462,494
			EW621	A	3,358,653	3,358,653	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	1,931,272	1,931,272	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	9,267,720	0	9,267,720	1,825,761	7,441,959	0	0	0	0	0	0	0	0	0	0	9,267,720
			FUT-S	F	124,981,413	0	124,981,413	0	0	0	0	0	0	0	18,081,413	55,000,000	51,900,000	0	124,981,413	
		TOTAL - 102614			166,797,386	5,289,924	161,507,462	1,825,761	7,441,959	8,557,077	5,016,225	5,608,774	3,613,758	4,462,494	18,081,413	55,000,000	51,900,000	0	161,507,461	
1044	102615	CDWWTP - DEWATERING BUILDING	2017S	F	286,952	0	286,952	0	0	286,952	0	0	0	0	0	0	0	0	0	286,952
			2018S	F	787,587	0	787,587	0	0	0	787,587	0	0	0	0	0	0	0	0	787,587
			2019S	F	1,194,591	0	1,194,591	0	0	0	0	1,194,591	0	0	0	0	0	0	0	1,194,591
			2020S	F	2,515,458	0	2,515,458	0	0	0	0	0	2,515,458	0	0	0	0	0	0	2,515,458
			2021S	F	3,023,240	0	3,023,240	0	0	0	0	0	0	3,023,240	0	0	0	0	0	3,023,240
			EW658	A	410,225	410,225	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	2,484,090	0	2,484,090	2,484,090	0	0	0	0	0	0	0	0	0	0	0	2,484,090
			FUT-S	F	89,500,000	0	89,500,000	0	0	0	0	0	0	0	10,000,000	43,000,000	36,500,000	0	89,500,000	
			RB16S	F	368,367	0	368,367	0	368,367	0	0	0	0	0	0	0	0	0	0	368,367
		TOTAL - 102615			100,570,510	410,225	100,160,285	2,484,090	368,367	286,952	787,587	1,194,591	2,515,458	3,023,240	10,000,000	43,000,000	36,500,000	0	100,160,285	
1044	102616	CDWWTP - CHLORINATION FACILITIES	2017S	F	3,568,862	0	3,568,862	0	0	3,568,862	0	0	0	0	0	0	0	0	0	3,568,862
			EW658	A	345,391	345,391	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1044	102616	CDWWTP - CHLORINATION FACILITIES	EW660	A	17,044,976	0	17,044,976	6,984,614	10,060,362	0	0	0	0	0	0	0	0	0	0	17,044,976
TOTAL - 102616					20,959,229	345,391	20,613,838	6,984,614	10,060,362	3,568,862	0	0	0	0	0	0	0	0	0	20,613,838
1044	102617	CDWWTP - ODOR CONTROL SYSTEMS	2017S	F	135,703	0	135,703	0	0	135,703	0	0	0	0	0	0	0	0	0	135,703
			2018S	F	2,269,727	0	2,269,727	0	0	0	2,269,727	0	0	0	0	0	0	0	0	2,269,727
			2019S	F	3,907,022	0	3,907,022	0	0	0	0	3,907,022	0	0	0	0	0	0	0	3,907,022
			2020S	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
			2021S	F	3,000,000	0	3,000,000	0	0	0	0	0	0	3,000,000	0	0	0	0	0	3,000,000
			EW660	A	272,182	0	272,182	272,182	0	0	0	0	0	0	0	0	0	0	0	272,182
			FUT-S	F	9,684,136	0	9,684,136	0	0	0	0	0	0	0	9,684,136	0	0	0	0	9,684,136
			RB16S	F	1,393,465	0	1,393,465	0	1,393,465	0	0	0	0	0	0	0	0	0	0	1,393,465
TOTAL - 102617					23,662,235	0	23,662,235	272,182	1,393,465	135,703	2,269,727	3,907,022	3,000,000	3,000,000	9,684,136	0	0	0	0	23,662,235
1044	102618	CDWWTP - CO-GEN FACILITY	2017S	F	5,474,720	0	5,474,720	0	0	5,474,720	0	0	0	0	0	0	0	0	0	5,474,720
			2018S	F	3,893,945	0	3,893,945	0	0	0	3,893,945	0	0	0	0	0	0	0	0	3,893,945
			2019S	F	3,000,000	0	3,000,000	0	0	0	0	3,000,000	0	0	0	0	0	0	0	3,000,000
			2020S	F	2,000,000	0	2,000,000	0	0	0	0	0	2,000,000	0	0	0	0	0	0	2,000,000
			2021S	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
			EW621	A	7,132,018	5,175,689	1,956,329	1,956,329	0	0	0	0	0	0	0	0	0	0	0	1,956,329
			EW660	A	7,835,024	0	7,835,024	4,428,934	3,406,090	0	0	0	0	0	0	0	0	0	0	7,835,024
			FUT-S	F	2,000,000	0	2,000,000	0	0	0	0	0	0	0	2,000,000	0	0	0	0	2,000,000
TOTAL - 102618					32,335,707	5,175,689	27,160,018	6,385,263	3,406,090	5,474,720	3,893,945	3,000,000	2,000,000	1,000,000	2,000,000	0	0	0	0	27,160,018



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1044	102620	CDWWTP - PUMP STATION 1	2017S	F	1,099,127	0	1,099,127	0	0	1,099,127	0	0	0	0	0	0	0	0	0	1,099,127
			2018S	F	3,223,035	0	3,223,035	0	0	0	3,223,035	0	0	0	0	0	0	0	0	3,223,035
			2019S	F	3,410,377	0	3,410,377	0	0	0	0	3,410,377	0	0	0	0	0	0	0	3,410,377
			2020S	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
			2021S	F	3,000,000	0	3,000,000	0	0	0	0	0	0	3,000,000	0	0	0	0	0	3,000,000
			EW658	A	1,010,812	10,812	1,000,000	1,000,000	0	0	0	0	0	0	0	0	0	0	0	1,000,000
			FUT-S	F	5,000,000	0	5,000,000	0	0	0	0	0	0	0	5,000,000	0	0	0	0	5,000,000
			RB16S	F	201,415	0	201,415	0	201,415	0	0	0	0	0	0	0	0	0	0	201,415
		TOTAL - 102620			19,944,766	10,812	19,933,954	1,000,000	201,415	1,099,127	3,223,035	3,410,377	3,000,000	3,000,000	5,000,000	0	0	0	0	19,933,954
1044	102621	CDWWTP - PUMP STATION 2	2017S	F	3,569,601	0	3,569,601	0	0	3,569,601	0	0	0	0	0	0	0	0	0	3,569,601
			EW658	A	1,126,770	353,742	773,028	773,028	0	0	0	0	0	0	0	0	0	0	0	773,028
			RB16S	F	5,239,354	0	5,239,354	0	5,239,354	0	0	0	0	0	0	0	0	0	0	5,239,354
		TOTAL - 102621			9,935,725	353,742	9,581,983	773,028	5,239,354	3,569,601	0	0	0	0	0	0	0	0	0	9,581,983
1044	102622	CDWWTP - O2 PLANT PROCESS CONTROLS PHASE 2	EW658	A	184,435	184,435	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,079,746	0	1,079,746	775,098	304,648	0	0	0	0	0	0	0	0	0	0	1,079,746
		TOTAL - 102622			1,264,181	184,435	1,079,746	775,098	304,648	0	0	0	0	0	0	0	0	0	0	1,079,746
1044	102623	CDWWTP - GAS MONITORING	EW658	A	182,694	176,759	5,935	5,935	0	0	0	0	0	0	0	0	0	0	0	5,935
			RB16S	F	950,361	0	950,361	0	950,361	0	0	0	0	0	0	0	0	0	0	950,361
		TOTAL - 102623			1,133,055	176,759	956,296	5,935	950,361	0	0	0	0	0	0	0	0	0	0	956,296
1044	102624	CDWWTP - VENTILATION IMPROVEMENTS	2019S	F	81,897	0	81,897	0	0	0	0	81,897	0	0	0	0	0	0	0	81,897

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	
1044	102624	CDWWTP - VENTILATION IMPROVEMENTS	2020S	F	389,013	0	389,013	0	0	0	0	0	389,013	0	0	0	0	0	389,013
			2021S	F	11,923	0	11,923	0	0	0	0	0	0	11,923	0	0	0	0	11,923
			FUT-S	F	9,572,384	0	9,572,384	0	0	0	0	0	0	693,653	6,410,867	2,467,864	0	0	9,572,384
		TOTAL - 102624			10,055,217	0	10,055,217	0	0	0	0	81,897	389,013	11,923	693,653	6,410,867	2,467,864	0	10,055,217
1044	102626	CDWWTP - OXYGEN PRODUCTION	2017S	F	1,817,985	0	1,817,985	0	0	1,817,985	0	0	0	0	0	0	0	0	1,817,985
			2018S	F	2,518,315	0	2,518,315	0	0	0	2,518,315	0	0	0	0	0	0	0	2,518,315
			2019S	F	3,000,231	0	3,000,231	0	0	0	0	3,000,231	0	0	0	0	0	0	3,000,231
			2020S	F	3,500,000	0	3,500,000	0	0	0	0	3,500,000	0	0	0	0	0	0	3,500,000
			2021S	F	4,751,847	0	4,751,847	0	0	0	0	0	4,751,847	0	0	0	0	0	4,751,847
			EW658	A	626,176	626,176	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	436,066	0	436,066	436,066	0	0	0	0	0	0	0	0	0	0	436,066
			FUT-S	F	22,554,000	0	22,554,000	0	0	0	0	0	0	3,000,000	18,000,000	1,554,000	0	0	22,554,000
			RB16S	F	750,000	0	750,000	0	750,000	0	0	0	0	0	0	0	0	0	750,000
		TOTAL - 102626			39,954,620	626,176	39,328,444	436,066	750,000	1,817,985	2,518,315	3,000,231	3,500,000	4,751,847	3,000,000	18,000,000	1,554,000	0	39,328,444
1044	102628	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	2017S	F	17,404,910	0	17,404,910	0	0	17,404,910	0	0	0	0	0	0	0	0	17,404,910
			2018S	F	12,930,585	0	12,930,585	0	0	0	12,930,585	0	0	0	0	0	0	0	12,930,585
			2019S	F	12,693,922	0	12,693,922	0	0	0	0	12,693,922	0	0	0	0	0	0	12,693,922
			2020S	F	12,825,160	0	12,825,160	0	0	0	0	0	12,825,160	0	0	0	0	0	12,825,160
			2021S	F	12,455,799	0	12,455,799	0	0	0	0	0	0	12,455,799	0	0	0	0	12,455,799



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1044	102628	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	EW658	A	20,820,592	16,309,282	4,511,310	4,511,310	0	0	0	0	0	0	0	0	0	0	0	4,511,310
			EW660	A	30,255,253	0	30,255,253	13,000,000	17,255,253	0	0	0	0	0	0	0	0	0	0	30,255,253
			FUT-S	F	60,764,848	0	60,764,848	0	0	0	0	0	0	12,338,430	10,536,490	10,400,629	27,489,299		60,764,848	
		TOTAL - 102628			180,151,069	16,309,282	163,841,787	17,511,310	17,255,253	17,404,910	12,930,585	12,693,922	12,825,160	12,455,799	12,338,430	10,536,490	10,400,629	27,489,299		163,841,787
1044	102700	NDWWTP - HEADWORKS AND SLUDGE DEGRITTING TRANSFER	2017S	F	7,932,370	0	7,932,370	0	0	7,932,370	0	0	0	0	0	0	0	0	0	7,932,370
			2018S	F	2,526,646	0	2,526,646	0	0	0	2,526,646	0	0	0	0	0	0	0	0	2,526,646
			2019S	F	2,000,000	0	2,000,000	0	0	0	0	2,000,000	0	0	0	0	0	0	0	2,000,000
			2020S	F	1,500,000	0	1,500,000	0	0	0	0	0	1,500,000	0	0	0	0	0	0	1,500,000
			2021S	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
			EW621	A	240,652	0	240,652	240,652	0	0	0	0	0	0	0	0	0	0	0	240,652
			EW658	A	2,939,079	2,939,079	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	16,439,867	0	16,439,867	7,442,351	8,997,516	0	0	0	0	0	0	0	0	0	0	16,439,867
		TOTAL - 102700			35,078,614	2,939,079	32,139,535	7,683,003	8,997,516	7,932,370	2,526,646	2,000,000	1,500,000	1,500,000	0	0	0	0	0	32,139,535
1044	102701	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	2017S	F	1,951,879	0	1,951,879	0	0	1,951,879	0	0	0	0	0	0	0	0	0	1,951,879
			2018S	F	2,317,489	0	2,317,489	0	0	0	2,317,489	0	0	0	0	0	0	0	0	2,317,489
			2019S	F	2,783,266	0	2,783,266	0	0	0	0	2,783,266	0	0	0	0	0	0	0	2,783,266
			2020S	F	2,904,371	0	2,904,371	0	0	0	0	0	2,904,371	0	0	0	0	0	0	2,904,371
			2021S	F	3,454,304	0	3,454,304	0	0	0	0	0	0	3,454,304	0	0	0	0	0	3,454,304



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS													
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total		
1044	102701	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	FUT-S	F	51,554,169	0	51,554,169	0	0	0	0	0	0	0	8,154,169	43,400,000	0	0	51,554,169		
			RB16S	F	919,438	0	919,438	0	919,438	0	0	0	0	0	0	0	0	0	0	0	919,438
			TOTAL - 102701					65,884,916	0	65,884,916	0	919,438	1,951,879	2,317,489	2,783,266	2,904,371	3,454,304	8,154,169	43,400,000	0	0
1044	102702	NDWWTP - OXYGENATION TRAINS	2018S	F	83,475	0	83,475	0	0	0	83,475	0	0	0	0	0	0	0	0	83,475	
			2019S	F	121,900	0	121,900	0	0	0	0	121,900	0	0	0	0	0	0	0	0	121,900
			2020S	F	550,000	0	550,000	0	0	0	0	0	550,000	0	0	0	0	0	0	0	550,000
			2021S	F	1,750,000	0	1,750,000	0	0	0	0	0	0	1,750,000	0	0	0	0	0	0	1,750,000
			FUT-S	F	66,153,514	0	66,153,514	0	0	0	0	0	0	0	2,557,466	27,225,070	36,370,978	0	0	0	66,153,514
			TOTAL - 102702					68,658,889	0	68,658,889	0	0	0	83,475	121,900	550,000	1,750,000	2,557,466	27,225,070	36,370,978	0
1044	102703	NDWWTP - OXYGEN PRODUCTION	2017S	F	357,284	0	357,284	0	0	357,284	0	0	0	0	0	0	0	0	0	357,284	
			2018S	F	614,584	0	614,584	0	0	0	614,584	0	0	0	0	0	0	0	0	0	614,584
			2019S	F	700,695	0	700,695	0	0	0	0	700,695	0	0	0	0	0	0	0	0	700,695
			2020S	F	1,617,746	0	1,617,746	0	0	0	0	0	1,617,746	0	0	0	0	0	0	0	1,617,746
			2021S	F	2,129,287	0	2,129,287	0	0	0	0	0	0	2,129,287	0	0	0	0	0	0	2,129,287
			FUT-S	F	14,152,271	0	14,152,271	0	0	0	0	0	0	0	5,408,825	8,743,446	0	0	0	0	14,152,271
			RB16S	F	85,301	0	85,301	0	0	0	0	0	0	0	0	0	0	0	0	0	85,301
TOTAL - 102703					19,657,168	0	19,657,168	0	85,301	357,284	614,584	700,695	1,617,746	2,129,287	5,408,825	8,743,446	0	0	19,657,168		
1044	102704	NDWWTP - SECONDARY CLARIFIERS	2017S	F	2,711,671	0	2,711,671	0	0	2,711,671	0	0	0	0	0	0	0	0	0	2,711,671	
			2018S	F	5,627,534	0	5,627,534	0	0	0	5,627,534	0	0	0	0	0	0	0	0	0	5,627,534



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1044	102704	NDWWTP - SECONDARY CLARIFIERS	2019S	F	1,698,805	0	1,698,805	0	0	0	0	1,698,805	0	0	0	0	0	0	1,698,805	
			2020S	F	1,640,160	0	1,640,160	0	0	0	0	1,640,160	0	0	0	0	0	0	1,640,160	
			2021S	F	1,693,965	0	1,693,965	0	0	0	0	0	1,693,965	0	0	0	0	0	1,693,965	
			EW621	A	6,887,703	3,284,683	3,603,020	3,603,020	0	0	0	0	0	0	0	0	0	0	3,603,020	
			EW660	A	11,308,240	0	11,308,240	6,457,131	4,851,109	0	0	0	0	0	0	0	0	0	0	11,308,240
			FUT-S	F	73,343,750	0	73,343,750	0	0	0	0	0	0	0	9,292,482	17,790,648	18,417,948	27,842,672	73,343,750	
TOTAL - 102704					104,911,828	3,284,683	101,627,145	10,060,151	4,851,109	2,711,671	5,627,534	1,698,805	1,640,160	1,693,965	9,292,482	17,790,648	18,417,948	27,842,672	101,627,145	
1044	102705	NDWWTP - DISINFECTION	2017S	F	100,000	0	100,000	0	0	100,000	0	0	0	0	0	0	0	0	100,000	
			2018S	F	500,000	0	500,000	0	0	0	500,000	0	0	0	0	0	0	0	0	500,000
			2019S	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
			2020S	F	2,309,125	0	2,309,125	0	0	0	0	2,309,125	0	0	0	0	0	0	0	2,309,125
			2021S	F	2,262,572	0	2,262,572	0	0	0	0	0	2,262,572	0	0	0	0	0	0	2,262,572
			EW643	A	85,850	85,850	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW646	A	2,353,639	2,353,639	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	515,740	445,698	70,042	70,042	0	0	0	0	0	0	0	0	0	0	0	70,042
			EW660	A	86,179	0	86,179	0	86,179	0	0	0	0	0	0	0	0	0	0	86,179
			FUT-S	F	27,000,000	0	27,000,000	0	0	0	0	0	0	0	15,000,000	12,000,000	0	0	0	27,000,000
TOTAL - 102705					36,713,105	2,885,186	33,827,919	70,042	86,179	100,000	500,000	1,500,000	2,309,125	2,262,572	15,000,000	12,000,000	0	0	33,827,918	
1044	102706	NDWWTP - EFFLUENT DISPOSAL	2017S	F	2,656,632	0	2,656,632	0	0	2,656,632	0	0	0	0	0	0	0	0	2,656,632	
			2018S	F	1,753,225	0	1,753,225	0	0	0	1,753,225	0	0	0	0	0	0	0	0	1,753,225



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total			
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future				
1044	102706	NDWWTP - EFFLUENT DISPOSAL	2019S	F	710,728	0	710,728	0	0	0	0	710,728	0	0	0	0	0	0	0	710,728		
			2020S	F	300,000	0	300,000	0	0	0	0	0	300,000	0	0	0	0	0	0	0	300,000	
			EW658	A	2,681,604	2,681,604	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	2,527,347	0	2,527,347	2,527,347	0	0	0	0	0	0	0	0	0	0	0	0	0	2,527,347
			RB16S	F	3,335,553	0	3,335,553	0	3,335,553	0	0	0	0	0	0	0	0	0	0	0	0	3,335,553
TOTAL - 102706					13,965,089	2,681,604	11,283,485	2,527,347	3,335,553	2,656,632	1,753,225	710,728	300,000	0	0	0	0	0	0	11,283,485		
1044	102707	NDWWTP - PLANT WIDE ELECTRICAL	2017S	F	1,147,950	0	1,147,950	0	0	1,147,950	0	0	0	0	0	0	0	0	0	1,147,950		
			2018S	F	1,319,254	0	1,319,254	0	0	0	1,319,254	0	0	0	0	0	0	0	0	0	1,319,254	
			2019S	F	1,260,290	0	1,260,290	0	0	0	1,260,290	0	0	0	0	0	0	0	0	0	1,260,290	
			2020S	F	1,185,674	0	1,185,674	0	0	0	0	1,185,674	0	0	0	0	0	0	0	0	1,185,674	
			2021S	F	1,122,817	0	1,122,817	0	0	0	0	0	1,122,817	0	0	0	0	0	0	0	1,122,817	
			EW660	A	1,600,596	0	1,600,596	955,248	645,348	0	0	0	0	0	0	0	0	0	0	0	1,600,596	
TOTAL - 102707					7,636,581	0	7,636,581	955,248	645,348	1,147,950	1,319,254	1,260,290	1,185,674	1,122,817	0	0	0	0	0	7,636,581		
1044	102708	NDWWTP - FLOOD MITIGATION	EW658	A	583,616	583,616	0	0	0	0	0	0	0	0	0	0	0	0	0			
			EW660	A	657,021	0	657,021	372,404	284,617	0	0	0	0	0	0	0	0	0	0	657,021		
TOTAL - 102708					1,240,637	583,616	657,021	372,404	284,617	0	0	0	0	0	0	0	0	0	0	657,021		
1044	102709	NDWWTP - YARD PIPING REPLACEMENT	2017S	F	262,893	0	262,893	0	0	262,893	0	0	0	0	0	0	0	0	0	262,893		
			2018S	F	263,486	0	263,486	0	0	0	263,486	0	0	0	0	0	0	0	0	0	263,486	
			2019S	F	227,714	0	227,714	0	0	0	227,714	0	0	0	0	0	0	0	0	0	227,714	
			2020S	F	234,392	0	234,392	0	0	0	0	234,392	0	0	0	0	0	0	0	0	234,392	

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future			
1044	102709	NDWWTP - YARD PIPING REPLACEMENT	2021S	F	78,895	0	78,895	0	0	0	0	0	0	78,895	0	0	0	0	78,895		
			EW660	A	289,203	0	289,203	101,765	187,438	0	0	0	0	0	0	0	0	0	0	289,203	
			FUT-S	F	68,334	0	68,334	0	0	0	0	0	0	0	4,105	9,297	14,425	40,507	68,334		
			TOTAL - 102709					1,424,917	0	1,424,917	101,765	187,438	262,893	263,486	227,714	234,392	78,895	4,105	9,297	14,425	40,507
TOTAL - 1044					1,682,568,976	50,591,021	1,631,977,955	86,127,335	113,064,751	111,162,220	96,624,118	93,373,563	91,217,606	101,119,267	252,730,245	389,870,145	224,593,757	72,094,946	1,631,977,953		
1045	102800	COLLECTION SYSTEM I/I REPAIRS	2017S	F	9,523,363	0	9,523,363	0	0	9,523,363	0	0	0	0	0	0	0	0	0	9,523,363	
			2018S	F	5,523,363	0	5,523,363	0	0	0	5,523,363	0	0	0	0	0	0	0	0	0	5,523,363
			2019S	F	3,549,454	0	3,549,454	0	0	0	3,549,454	0	0	0	0	0	0	0	0	0	3,549,454
			2020S	F	3,523,363	0	3,523,363	0	0	0	0	3,523,363	0	0	0	0	0	0	0	0	3,523,363
			2021S	F	3,523,363	0	3,523,363	0	0	0	0	0	3,523,363	0	0	0	0	0	0	0	3,523,363
			EW658	A	5,739,474	5,739,474	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	19,171,692	0	19,171,692	9,648,329	9,523,363	0	0	0	0	0	0	0	0	0	0	0	19,171,692
			FUT-S	F	78,642,905	0	78,642,905	0	0	0	0	0	0	0	0	3,523,363	5,549,454	69,570,088	0	0	78,642,905
TOTAL - 102800					129,196,977	5,739,474	123,457,503	9,648,329	9,523,363	9,523,363	5,523,363	3,549,454	3,523,363	3,523,363	3,523,363	5,549,454	69,570,088	0	123,457,503		
1045	102802	GOVERNMENT CUT FM - PHASE 3	2017S	F	9,089,865	0	9,089,865	0	0	9,089,865	0	0	0	0	0	0	0	0	0	9,089,865	
			2018S	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
			2019S	F	3,500,000	0	3,500,000	0	0	0	3,500,000	0	0	0	0	0	0	0	0	0	3,500,000
			2020S	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
			2021S	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
			EW623	A	21,452,780	6,474,768	14,978,012	8,489,006	6,489,006	0	0	0	0	0	0	0	0	0	0	0	14,978,012

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future			
1045	102802	GOVERNMENT CUT FM - PHASE 3	EW658	A	29,325,732	29,325,732	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	20,033,780	0	20,033,780	12,490,796	7,542,984	0	0	0	0	0	0	0	0	0	0	0	20,033,780
		TOTAL - 102802			92,902,157	35,800,500	57,101,657	20,979,802	14,031,990	9,089,865	7,500,000	3,500,000	1,000,000	1,000,000	0	0	0	0	0	0	57,101,657
1045	102803	NORTH DADE 72 INCH PCCP FM REHABILITATION	2017S	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
			2018S	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	1,431,606	1,431,606	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	1,735,608	897,793	837,815	837,815	0	0	0	0	0	0	0	0	0	0	0	0	837,815
			EW660	A	16,079,150	0	16,079,150	10,264,800	5,814,350	0	0	0	0	0	0	0	0	0	0	0	16,079,150
		TOTAL - 102803			23,246,364	2,329,399	20,916,965	11,102,615	5,814,350	3,000,000	1,000,000	0	0	0	0	0	0	0	0	0	20,916,965
1045	102804	SOUTH DADE 54 INCH PCCP FM REHABILITATION	2017S	F	8,291,171	0	8,291,171	0	0	8,291,171	0	0	0	0	0	0	0	0	0	0	8,291,171
			2018S	F	8,500,000	0	8,500,000	0	0	0	8,500,000	0	0	0	0	0	0	0	0	0	8,500,000
			2019S	F	2,500,000	0	2,500,000	0	0	0	0	2,500,000	0	0	0	0	0	0	0	0	2,500,000
			2020S	F	1,500,000	0	1,500,000	0	0	0	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000
			2021S	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
			EW658	A	745,987	745,987	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	2,116,735	0	2,116,735	2,116,735	0	0	0	0	0	0	0	0	0	0	0	0	2,116,735
			FUT-S	F	41,500,000	0	41,500,000	0	0	0	0	0	0	0	5,000,000	5,000,000	31,500,000	0	0	0	41,500,000
			RB16S	F	7,223,276	0	7,223,276	0	7,223,276	0	0	0	0	0	0	0	0	0	0	0	7,223,276
		TOTAL - 102804			74,377,169	745,987	73,631,182	2,116,735	7,223,276	8,291,171	8,500,000	2,500,000	1,500,000	2,000,000	5,000,000	5,000,000	31,500,000	0	0	0	73,631,182



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future			
1045	102805	REPLACEMENT OF TAMIAMI CANAL AERIAL CROSSING FMS AT NW 37TH AVE	EW621	A	614,487	614,487	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW646	A	6,589	6,589	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 102805			621,076	621,076	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1045	102806	REPLACEMENT OF 18 INCH DIP FM IN MIAMI LAKES	EW621	A	1,000,000	0	1,000,000	1,000,000	0	0	0	0	0	0	0	0	0	0	0	0	1,000,000
		TOTAL - 102806			1,000,000	0	1,000,000	1,000,000	0	0	0	0	0	0	0	0	0	0	0	0	1,000,000
1045	102807	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	2017S	F	7,318,702	0	7,318,702	0	0	7,318,702	0	0	0	0	0	0	0	0	0	0	7,318,702
			2018S	F	6,633,354	0	6,633,354	0	0	0	6,633,354	0	0	0	0	0	0	0	0	0	6,633,354
			2019S	F	4,114,373	0	4,114,373	0	0	0	0	4,114,373	0	0	0	0	0	0	0	0	4,114,373
			2020S	F	3,000,000	0	3,000,000	0	0	0	0	0	3,000,000	0	0	0	0	0	0	0	3,000,000
			2021S	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
			EW658	A	260,786	260,786	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	5,172,015	0	5,172,015	1,832,653	3,339,362	0	0	0	0	0	0	0	0	0	0	0	5,172,015
			FUT-S	F	5,000,000	0	5,000,000	0	0	0	0	0	0	0	5,000,000	0	0	0	0	0	5,000,000
		TOTAL - 102807			34,499,230	260,786	34,238,444	1,832,653	3,339,362	7,318,702	6,633,354	4,114,373	3,000,000	3,000,000	5,000,000	0	0	0	0	0	34,238,444
1045	102808	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	2017S	F	7,463,770	0	7,463,770	0	0	7,463,770	0	0	0	0	0	0	0	0	0	0	7,463,770
			2018S	F	7,620,440	0	7,620,440	0	0	0	7,620,440	0	0	0	0	0	0	0	0	0	7,620,440
			2019S	F	4,106,420	0	4,106,420	0	0	0	0	4,106,420	0	0	0	0	0	0	0	0	4,106,420
			2020S	F	3,000,000	0	3,000,000	0	0	0	0	0	3,000,000	0	0	0	0	0	0	0	3,000,000

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1045	102808	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	2021S	F	3,250,000	0	3,250,000	0	0	0	0	0	0	3,250,000	0	0	0	0	0	3,250,000
			EW621	A	5,036,088	2,911,199	2,124,889	2,124,889	0	0	0	0	0	0	0	0	0	0	0	2,124,889
			EW658	A	4,830,821	794,180	4,036,641	4,036,641	0	0	0	0	0	0	0	0	0	0	0	4,036,641
			EW660	A	7,620,440	0	7,620,440	0	7,620,440	0	0	0	0	0	0	0	0	0	0	7,620,440
			FUT-S	F	7,841,219	0	7,841,219	0	0	0	0	0	0	5,091,219	2,750,000	0	0	0	7,841,219	
		TOTAL - 102808			50,769,198	3,705,379	47,063,819	6,161,530	7,620,440	7,463,770	7,620,440	4,106,420	3,000,000	3,250,000	5,091,219	2,750,000	0	0	47,063,819	
1045	102809	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	2017S	F	9,512,599	0	9,512,599	0	0	9,512,599	0	0	0	0	0	0	0	0	0	9,512,599
			2018S	F	5,500,000	0	5,500,000	0	0	0	5,500,000	0	0	0	0	0	0	0	0	5,500,000
			2019S	F	3,000,000	0	3,000,000	0	0	0	0	3,000,000	0	0	0	0	0	0	0	3,000,000
			2020S	F	3,000,000	0	3,000,000	0	0	0	0	3,000,000	0	0	0	0	0	0	0	3,000,000
			2021S	F	2,500,000	0	2,500,000	0	0	0	0	0	2,500,000	0	0	0	0	0	2,500,000	
			EW660	A	8,029,200	0	8,029,200	2,310,602	5,718,598	0	0	0	0	0	0	0	0	0	0	8,029,200
			FUT-S	F	4,000,000	0	4,000,000	0	0	0	0	0	0	4,000,000	0	0	0	0	4,000,000	
		TOTAL - 102809			35,541,799	0	35,541,799	2,310,602	5,718,598	9,512,599	5,500,000	3,000,000	3,000,000	2,500,000	4,000,000	0	0	0	35,541,799	
		TOTAL - 1045			442,153,970	49,202,601	392,951,369	55,152,266	53,271,379	54,199,470	42,277,157	20,770,247	15,023,363	15,273,363	22,614,582	13,299,454	101,070,088	0	392,951,369	
1046	102900	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	2017S	F	5,292,162	0	5,292,162	0	0	5,292,162	0	0	0	0	0	0	0	0	0	5,292,162
			2018S	F	3,946,991	0	3,946,991	0	0	0	3,946,991	0	0	0	0	0	0	0	0	3,946,991
			2019S	F	2,000,000	0	2,000,000	0	0	0	0	2,000,000	0	0	0	0	0	0	0	2,000,000
			2020S	F	2,000,000	0	2,000,000	0	0	0	0	2,000,000	0	0	0	0	0	0	0	2,000,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1046	102900	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	2021S	F	1,000,000	0	1,000,000	0	0	0	0	0	0	1,000,000	0	0	0	0	1,000,000	
			EW623	A	1,005,978	1,005,978	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	182,555	182,555	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,371,921	0	1,371,921	1,371,921	0	0	0	0	0	0	0	0	0	0	0	1,371,921
			RB16S	F	3,673,861	0	3,673,861	0	3,673,861	0	0	0	0	0	0	0	0	0	0	3,673,861
TOTAL - 102900					20,473,468	1,188,532	19,284,936	1,371,921	3,673,861	5,292,162	3,946,991	2,000,000	2,000,000	1,000,000	0	0	0	0	19,284,935	
1046	102901	UPGRADE OF PS#0691	2017S	F	2,938,572	0	2,938,572	0	0	2,938,572	0	0	0	0	0	0	0	0	2,938,572	
			2018S	F	789,573	0	789,573	0	0	0	789,573	0	0	0	0	0	0	0	0	789,573
			EW658	A	83,231	83,231	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	725,926	0	725,926	359,525	366,401	0	0	0	0	0	0	0	0	0	0	725,926
TOTAL - 102901					4,537,302	83,231	4,454,071	359,525	366,401	2,938,572	789,573	0	0	0	0	0	0	0	4,454,071	
1046	102902	UPGRADE OF PS#0692	2017S	F	3,224,351	0	3,224,351	0	0	3,224,351	0	0	0	0	0	0	0	0	3,224,351	
			2018S	F	4,805,137	0	4,805,137	0	0	0	4,805,137	0	0	0	0	0	0	0	0	4,805,137
			2019S	F	3,000,000	0	3,000,000	0	0	0	0	3,000,000	0	0	0	0	0	0	0	3,000,000
			2020S	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
			EW658	A	422,144	422,144	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,403,516	0	1,403,516	632,724	770,792	0	0	0	0	0	0	0	0	0	0	1,403,516
TOTAL - 102902					13,855,148	422,144	13,433,004	632,724	770,792	3,224,351	4,805,137	3,000,000	1,000,000	0	0	0	0	0	13,433,004	
1046	102903	REPLACEMENT OF SWITCHGEAR PS#0414	2017S	F	3,679,073	0	3,679,073	0	0	3,679,073	0	0	0	0	0	0	0	0	3,679,073	
			2018S	F	86,657	0	86,657	0	0	0	86,657	0	0	0	0	0	0	0	0	86,657



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Total			
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		Future		
1046	102903	REPLACEMENT OF SWITCHGEAR PS#0414	EW658	A	37,383	37,383	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	1,121,697	0	1,121,697	1,121,697	0	0	0	0	0	0	0	0	0	0	0	0	1,121,697
			RB16S	F	2,718,756	0	2,718,756	0	2,718,756	0	0	0	0	0	0	0	0	0	0	0	2,718,756
		TOTAL - 102903			7,643,566	37,383	7,606,183	1,121,697	2,718,756	3,679,073	86,657	0	0	0	0	0	0	0	0	0	7,606,183
1046	102904	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0415	2017S	F	2,641,456	0	2,641,456	0	0	2,641,456	0	0	0	0	0	0	0	0	0	0	2,641,456
			2018S	F	3,928,195	0	3,928,195	0	0	0	3,928,195	0	0	0	0	0	0	0	0	0	3,928,195
			2019S	F	3,000,000	0	3,000,000	0	0	0	0	3,000,000	0	0	0	0	0	0	0	0	3,000,000
			EW658	A	36,744	36,744	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,315,047	0	1,315,047	672,340	642,707	0	0	0	0	0	0	0	0	0	0	0	1,315,047
		TOTAL - 102904			10,921,442	36,744	10,884,698	672,340	642,707	2,641,456	3,928,195	3,000,000	0	0	0	0	0	0	0	0	10,884,698
1046	102905	REPLACEMENT OF SWITCHGEAR PS#0416	2017S	F	2,895,743	0	2,895,743	0	0	2,895,743	0	0	0	0	0	0	0	0	0	0	2,895,743
			2018S	F	60,304	0	60,304	0	0	0	60,304	0	0	0	0	0	0	0	0	0	60,304
			EW660	A	357,189	0	357,189	357,189	0	0	0	0	0	0	0	0	0	0	0	0	357,189
			RB16S	F	2,337,570	0	2,337,570	0	2,337,570	0	0	0	0	0	0	0	0	0	0	0	2,337,570
		TOTAL - 102905			5,650,806	0	5,650,806	357,189	2,337,570	2,895,743	60,304	0	0	0	0	0	0	0	0	0	5,650,806
1046	102906	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0417	2017S	F	750,000	0	750,000	0	0	750,000	0	0	0	0	0	0	0	0	0	0	750,000
			2018S	F	1,793,967	0	1,793,967	0	0	0	1,793,967	0	0	0	0	0	0	0	0	0	1,793,967
			2019S	F	2,500,000	0	2,500,000	0	0	0	0	2,500,000	0	0	0	0	0	0	0	0	2,500,000

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1046	102906	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0417	2020S	F	1,526,403	0	1,526,403	0	0	0	0	0	1,526,403	0	0	0	0	0	0	1,526,403
			EW658	A	37,273	37,273	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	851,587	0	851,587	399,316	452,271	0	0	0	0	0	0	0	0	0	0	851,587
		TOTAL - 102906			7,459,230	37,273	7,421,957	399,316	452,271	750,000	1,793,967	2,500,000	1,526,403	0	0	0	0	0	0	7,421,957
1046	102907	REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT IN PS#0107	2017S	F	1,744,117	0	1,744,117	0	0	1,744,117	0	0	0	0	0	0	0	0	0	1,744,117
			2018S	F	901,640	0	901,640	0	0	0	901,640	0	0	0	0	0	0	0	0	901,640
			EW658	A	50,718	30,718	20,000	20,000	0	0	0	0	0	0	0	0	0	0	0	20,000
			RB16S	F	3,717	0	3,717	0	3,717	0	0	0	0	0	0	0	0	0	0	3,717
		TOTAL - 102907			2,700,192	30,718	2,669,474	20,000	3,717	1,744,117	901,640	0	0	0	0	0	0	0	0	2,669,474
1046	102908	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	2017S	F	2,031,006	0	2,031,006	0	0	2,031,006	0	0	0	0	0	0	0	0	0	2,031,006
			2018S	F	47,919	0	47,919	0	0	0	47,919	0	0	0	0	0	0	0	0	47,919
			EW658	A	144,122	144,122	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	565,316	0	565,316	565,316	0	0	0	0	0	0	0	0	0	0	0	565,316
			RB16S	F	2,265,174	0	2,265,174	0	2,265,174	0	0	0	0	0	0	0	0	0	0	2,265,174
		TOTAL - 102908			5,053,537	144,122	4,909,415	565,316	2,265,174	2,031,006	47,919	0	0	0	0	0	0	0	0	4,909,415
1046	102909	UPGRADE OF PS#0488	2017S	F	558,005	0	558,005	0	0	558,005	0	0	0	0	0	0	0	0	0	558,005
			2018S	F	12,671	0	12,671	0	0	0	12,671	0	0	0	0	0	0	0	0	12,671

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total			
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future				
1046	102909	UPGRADE OF PS#0488	EW658	A	84,196	52,310	31,886	31,886	0	0	0	0	0	0	0	0	0	0	0	31,886		
			RB16S	F	362,020	0	362,020	0	362,020	0	0	0	0	0	0	0	0	0	0	0	362,020	
		TOTAL - 102909					1,016,892	52,310	964,582	31,886	362,020	558,005	12,671	0	0	0	0	0	0	0	0	964,582
1046	102910	INSTALLATION OF 60 INCH FM FROM KENDALL DR TO PS#0536	2017S	F	1,714,697	0	1,714,697	0	0	1,714,697	0	0	0	0	0	0	0	0	0	0	1,714,697	
			2018S	F	32,631	0	32,631	0	0	0	32,631	0	0	0	0	0	0	0	0	0	0	32,631
			EW660	A	157,588	0	157,588	157,588	0	0	0	0	0	0	0	0	0	0	0	0	0	157,588
			RB16S	F	674,334	0	674,334	0	674,334	0	0	0	0	0	0	0	0	0	0	0	0	674,334
			TOTAL - 102910					2,579,250	0	2,579,250	157,588	674,334	1,714,697	32,631	0	0	0	0	0	0	0	0
1046	102911	REPLACEMENT OF SWITCHGEAR AT PS#0187	2017S	F	4,784,508	0	4,784,508	0	0	4,784,508	0	0	0	0	0	0	0	0	0	0	4,784,508	
			2018S	F	3,166,547	0	3,166,547	0	0	0	3,166,547	0	0	0	0	0	0	0	0	0	0	3,166,547
			2019S	F	2,000,000	0	2,000,000	0	0	0	0	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000
			2020S	F	1,157,138	0	1,157,138	0	0	0	0	0	1,157,138	0	0	0	0	0	0	0	0	1,157,138
			EW658	A	266,299	266,299	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,503,127	0	1,503,127	1,503,127	0	0	0	0	0	0	0	0	0	0	0	0	0	1,503,127
			RB16S	F	3,085,217	0	3,085,217	0	3,085,217	0	0	0	0	0	0	0	0	0	0	0	0	3,085,217
TOTAL - 102911					15,962,836	266,299	15,696,537	1,503,127	3,085,217	4,784,508	3,166,547	2,000,000	1,157,138	0	0	0	0	0	0	15,696,537		
1046	102912	REFURBISH EMERGENCY GENERATORS AND CONTROLS AT REGIONAL PUMP STATIONS	EW658	A	529,059	278,259	250,800	250,800	0	0	0	0	0	0	0	0	0	0	0	0	250,800	
			EW660	A	29,002	0	29,002	0	29,002	0	0	0	0	0	0	0	0	0	0	0	0	29,002
			TOTAL - 102912					558,061	278,259	279,802	250,800	29,002	0	0	0	0	0	0	0	0	0	0

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future			
1046	102914	UPGRADE OF PS #0065, 0201, 0334, 0374, 0607	EW658	A	1,490,902	1,490,902	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	3,567,848	0	3,567,848	2,551,854	1,015,994	0	0	0	0	0	0	0	0	0	0	0	3,567,848
		TOTAL - 102914			5,058,750	1,490,902	3,567,848	2,551,854	1,015,994	0	0	0	0	0	0	0	0	0	0	0	3,567,848
1046	102915	UPGRADE OF PS #00198, 0437, 0466, 0680	2017S	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
			EW658	A	178,284	178,284	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	2,393,487	0	2,393,487	1,393,487	1,000,000	0	0	0	0	0	0	0	0	0	0	0	2,393,487
			RB16S	F	1,780,829	0	1,780,829	0	1,780,829	0	0	0	0	0	0	0	0	0	0	0	1,780,829
		TOTAL - 102915			5,352,600	178,284	5,174,316	1,393,487	2,780,829	1,000,000	0	0	0	0	0	0	0	0	0	0	5,174,316
1046	102916	UPGRADE OF PS #0037, 0351, 0370, 0403	2017S	F	2,697,427	0	2,697,427	0	0	2,697,427	0	0	0	0	0	0	0	0	0	0	2,697,427
			2018S	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
			2019S	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
			2020S	F	1,500,000	0	1,500,000	0	0	0	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000
			EW660	A	970,442	0	970,442	970,442	0	0	0	0	0	0	0	0	0	0	0	0	970,442
			RB16S	F	1,598,308	0	1,598,308	0	1,598,308	0	0	0	0	0	0	0	0	0	0	0	1,598,308
		TOTAL - 102916			10,266,177	0	10,266,177	970,442	1,598,308	2,697,427	2,000,000	1,500,000	1,500,000	0	0	0	0	0	0	0	10,266,177
1046	102917	UPGRADE OF PS #0441, 0491, 0710, 0827, 0852, 1236	2017S	F	2,939,360	0	2,939,360	0	0	2,939,360	0	0	0	0	0	0	0	0	0	0	2,939,360
			2018S	F	2,106,119	0	2,106,119	0	0	0	2,106,119	0	0	0	0	0	0	0	0	0	2,106,119
			2019S	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
			RB16S	F	807,279	0	807,279	0	807,279	0	0	0	0	0	0	0	0	0	0	0	807,279
		TOTAL - 102917			6,852,758	0	6,852,758	0	807,279	2,939,360	2,106,119	1,000,000	0	0	0	0	0	0	0	0	6,852,758

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Wastewater
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future		
1046	102918	SCADA RTU UPGRADES	EW658	A	4,970,204	4,297,981	672,223	672,223	0	0	0	0	0	0	0	0	0	0	0	672,223
		TOTAL - 102918			4,970,204	4,297,981	672,223	672,223	0	0	0	0	0	0	0	0	0	0	0	672,223
		TOTAL - 1046			130,912,219	8,544,182	122,368,037	13,031,435	23,584,232	38,890,477	23,678,351	15,000,000	7,183,541	1,000,000	0	0	0	0	0	122,368,036
1047	103000	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - GRAVITY AND FORCE MAINS	EW647	A	65,212,757	0	65,212,757	463,004	1,964,570	7,497,099	10,874,653	6,465,048	8,453,913	25,000,000	4,494,470	0	0	0	0	65,212,757
			FUT-S	F	124,492,992	0	124,492,992	0	0	0	0	0	0	0	23,942,992	100,550,000	0	0	0	124,492,992
		TOTAL - 103000			189,705,749	0	189,705,749	463,004	1,964,570	7,497,099	10,874,653	6,465,048	8,453,913	25,000,000	28,437,462	100,550,000	0	0	0	189,705,749
1047	103001	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PUMP STATIONS	2018S	F	434,891	0	434,891	0	0	0	434,891	0	0	0	0	0	0	0	0	434,891
			2019S	F	5,364,223	0	5,364,223	0	0	0	0	5,364,223	0	0	0	0	0	0	0	5,364,223
			2020S	F	5,859,137	0	5,859,137	0	0	0	0	0	5,859,137	0	0	0	0	0	0	5,859,137
			2021S	F	3,000,000	0	3,000,000	0	0	0	0	0	0	3,000,000	0	0	0	0	0	3,000,000
			EW647	A	60,787,243	0	60,787,243	1,599,591	1,670,901	6,586,840	10,307,794	5,364,223	8,859,137	3,000,000	23,398,757	0	0	0	0	60,787,243
			FUT-S	F	10,000,000	0	10,000,000	0	0	0	0	0	0	0	10,000,000	0	0	0	0	10,000,000
		TOTAL - 103001			85,445,494	0	85,445,494	1,599,591	1,670,901	6,586,840	10,742,685	10,728,446	14,718,274	6,000,000	33,398,757	0	0	0	0	85,445,494
1047	103002	SUPPLEMENTAL ENVIRONMENT PROJECT (SEP)	2017S	F	881,681	0	881,681	0	0	881,681	0	0	0	0	0	0	0	0	0	881,681
			EW658	A	3,319,429	127,322	3,192,107	3,192,107	0	0	0	0	0	0	0	0	0	0	0	3,192,107
			RB16S	F	560,799	0	560,799	0	560,799	0	0	0	0	0	0	0	0	0	0	560,799
		TOTAL - 103002			4,761,909	127,322	4,634,587	3,192,107	560,799	881,681	0	0	0	0	0	0	0	0	0	4,634,587

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
		TOTAL - 1047			279,913,152	127,322	279,785,830	5,254,702	4,196,270	14,965,620	21,617,338	17,193,494	23,172,187	31,000,000	61,836,219	100,550,000	0	0	279,785,830
		TOTAL - Wastewater			10,570,869,137	327,786,858	10,243,082,280	368,425,456	411,931,372	464,721,311	454,688,603	444,181,970	450,668,452	473,440,000	2,206,928,139	2,241,434,821	1,857,491,903	869,170,250	10,243,082,277



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Wastewater

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
		REPORT TOTAL			10,570,869,137	327,786,858	10,243,082,280	368,425,456	411,931,372	464,721,311	454,688,603	444,181,970	450,668,452	473,440,000	2,206,928,139	2,241,434,821	1,857,491,903	869,170,250	10,243,082,277

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



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Total	
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		Future
1050	101504	PRESTON WTP - NEW PUMP STATION EAST OF RESERVOIR	43,700,000	0	43,700,000	0	0	0	2,528,437	2,993,627	744,360	10,940,204	26,493,372	0	0	0	43,700,000
	101711	HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	1,158,148	66,965	1,091,183	694,821	315,680	60,155	20,527	0	0	0	0	0	0	0	1,091,183
	101884	REHABILITATION PRESTON PLANT ACCELATORS	4,500,000	0	4,500,000	2,000,000	2,500,000	0	0	0	0	0	0	0	0	0	4,500,000
	102104	FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP	3,000,000	0	3,000,000	0	0	293,210	528,850	2,177,940	0	0	0	0	0	0	3,000,000
	102106	HYPOCHLORITE FEED/STORAGE AT PRESTON/HIALEAH WTP	6,800,000	82,292	6,717,708	505,271	5,279,297	933,140	0	0	0	0	0	0	0	0	6,717,708
	102127	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	4,967,243	0	4,967,243	1,596,460	370,783	1,704,444	1,295,556	0	0	0	0	0	0	0	4,967,243
	102134	PURCHASE OF LAKE PROPERTY ADJACENT TO NORTHWEST WELLFIELD	10,602,669	0	10,602,669	8,267,469	2,335,200	0	0	0	0	0	0	0	0	0	10,602,669
	102170	HIALEAH/PRESTON WTP FEEDERS/MOTOR CONTROL CENTER	750,000	0	750,000	0	0	0	0	0	285,417	464,583	0	0	0	750,000	
	102171	HIALEAH/PRESTON WTP TRANSFORMER	1,500,000	0	1,500,000	0	0	0	0	0	489,208	1,010,792	0	0	0	1,500,000	
	102173	PRESTON WTP HS PUMP ROOM SWITCHGEAR	3,000,000	0	3,000,000	0	0	0	0	0	686,000	1,498,667	815,333	0	0	3,000,000	
	TOTAL - 1050		79,978,060	149,258	79,828,802	13,064,021	10,800,960	2,990,949	4,373,370	5,171,567	744,360	12,400,829	29,467,414	815,333	0	0	79,828,803



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1051	101577	ORR WTP - 48" FINISHED WATER LINE (AREA M)	64,435,700	0	64,435,700	926,651	4,912,876	1,715,097	14,384,835	18,661,937	15,834,304	8,000,000	0	0	0	0	64,435,700
	101579	ORR WTP - PUMPING UNIT No. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	9,867,245	49,219	9,818,026	178,007	1,298,364	3,969,165	443,949	1,811,772	2,116,769	0	0	0	0	0	9,818,026
	101694	ORR WTP - SWITCHGEAR BUILDING AND TRANSFORMER	6,858,624	896,291	5,962,333	2,123,535	2,229,998	800,000	808,800	0	0	0	0	0	0	0	5,962,333
	101712	ORR WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	1,874,121	0	1,874,121	250,000	500,000	750,000	374,121	0	0	0	0	0	0	0	1,874,121
	101882	3 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	10,756,347	614,117	10,142,230	1,521,442	2,482,279	4,138,509	2,000,000	0	0	0	0	0	0	0	10,142,230
	101945	HGIH SERVICE PUMP AND MOTOR IMPROVEMENTS EAST & WEST ROOM - VFD	7,000,000	0	7,000,000	0	0	0	0	200,000	2,250,000	3,550,000	1,000,000	0	0	0	7,000,000
	101946	HYDROTREATOR DRIVES ASSEMBLES AND MOTORS	1,000,000	0	1,000,000	0	152,618	808,686	38,696	0	0	0	0	0	0	0	1,000,000
	102103	ELECTRICAL UPGADES FOR ALEXANDER ORR LIME PLANT	1,386,016	0	1,386,016	318,895	1,067,121	0	0	0	0	0	0	0	0	0	1,386,016
	102107	HYPOCHLORITE FEED/STORAGE AT ORR WTP	14,300,000	68,179	14,231,821	777,639	1,017,022	1,112,918	10,115,745	1,208,497	0	0	0	0	0	0	14,231,821
	102109	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #1 AT ORR WTP	3,000,000	0	3,000,000	0	199,998	163,465	2,636,537	0	0	0	0	0	0	0	3,000,000
	102110	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #2 AT ORR WTP	3,200,000	0	3,200,000	0	40,197	319,959	832,204	2,007,640	0	0	0	0	0	0	3,200,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1051	102166	A. ORR WTP ELECTRICAL DUCT BANK FOR GENERATOR SWITCH GEAR	3,500,000	0	3,500,000	0	72,850	306,922	1,978,592	1,141,636	0	0	0	0	0	0	3,500,000
	102167	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	10,000,000	0	10,000,000	129,840	737,474	92,421	2,623,700	6,122,083	294,482	0	0	0	0	0	10,000,000
	102168	A. ORR WTP FEEDER/MOTOR CONTROL CENTER	750,000	0	750,000	0	0	0	0	0	0	244,604	505,396	0	0	0	750,000
	102169	A. ORR WTP PUMP ROOM FOR SOFTENER CLUSTERS 1-8 AND 11-14	700,000	0	700,000	0	0	0	0	0	0	228,297	471,703	0	0	0	700,000
	102174	SNAPPER CREEK WELLFIELD FEEDERS AND SWITCHGEAR	750,000	0	750,000	0	0	0	0	0	0	244,604	505,396	0	0	0	750,000
	102175	ALEXANDER ORR WATER TESTING LABORATORY	10,012,834	12,834	10,000,000	1,000,000	2,500,000	3,000,000	3,500,000	0	0	0	0	0	0	0	10,000,000
	102177	SLUDGE LINE PIGGING STATION AT ALEXANDER ORR WTP	1,577,086	0	1,577,086	292,679	394,973	260,485	568,897	60,052	0	0	0	0	0	0	1,577,086
	102180	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	3,000,000	0	3,000,000	0	0	0	0	0	0	686,000	1,498,667	815,333	0	0	3,000,000
		TOTAL - 1051	153,967,973	1,640,640	152,327,333	7,518,688	17,605,770	17,437,627	40,306,076	31,213,617	20,495,555	12,953,505	3,981,162	815,333	0	0	152,327,333
1053	101540	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	14,317,005	0	14,317,005	2,826,064	1,592,178	1,601,810	8,296,953	0	0	0	0	0	0	0	14,317,005
	102116	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	1,826,605	0	1,826,605	0	131,372	104,701	1,542,835	47,697	0	0	0	0	0	0	1,826,605



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Total	
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		Future
TOTAL - 1053			16,143,610	0	16,143,610	2,826,064	1,723,550	1,706,511	9,839,788	47,697	0	0	0	0	0	0	16,143,610
1054	101441	54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)	10,460,500	0	10,460,500	0	0	0	0	0	0	137,017	3,274,485	2,645,323	4,403,675	0	10,460,500
	102112	16/36/36-INCH WATER MAINS - SW 48 ST SW 40 ST SW 97 AVE - AREA Q	31,609,782	0	31,609,782	0	418,103	1,377,664	1,731,120	13,425,981	10,656,914	4,000,000	0	0	0	0	31,609,782
	102115	20/30-INCH WATER MAINS - SW 87 AVE - AREA P	13,036,029	0	13,036,029	0	183,908	1,316,198	484,506	6,355,395	4,696,022	0	0	0	0	0	13,036,029
	102118	30/36-INCH WATER MAINS - SW 157 AVE SW 88 ST - AREA D	4,706,293	0	4,706,293	0	0	0	0	0	0	514,816	1,276,190	2,915,287	0	0	4,706,293
	102120	36-INCH WATER MAIN - SW 72 ST - AREA O	6,946,685	0	6,946,685	0	96,338	492,441	519,731	574,512	4,333,221	930,442	0	0	0	0	6,946,685
TOTAL - 1054			66,759,289	0	66,759,289	0	698,349	3,186,303	2,735,357	20,355,888	19,686,157	5,582,275	4,550,675	5,560,610	4,403,675	0	66,759,289
1055	102016	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	4,500,000	0	4,500,000	0	258,497	504,489	3,735,428	1,586	0	0	0	0	0	0	4,500,000
	102117	24-INCH WATER MAIN - SW 137 AVE - AREA C	14,350,834	0	14,350,834	0	0	247,007	1,046,134	849,760	2,492,133	8,738,424	977,376	0	0	0	14,350,834
TOTAL - 1055			18,850,834	0	18,850,834	0	258,497	751,496	4,781,562	851,346	2,492,133	8,738,424	977,376	0	0	0	18,850,834
1056	101474	SPECIAL CONSTRUCTION - WATER IMPROVEMENTS	14,682,502	4,628,538	10,053,964	1,553,964	1,500,000	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	0	0	0	10,053,964



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Total	
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		Future
		TOTAL - 1056	14,682,502	4,628,538	10,053,964	1,553,964	1,500,000	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	0	0	0	10,053,964
1059	101084	MIAMI SERVICE FACILITY - (PHASE 1)	1,129,735	0	1,129,735	0	0	65,050	129,439	935,246	0	0	0	0	0	0	1,129,735
	101505	SOUTH MAINTENANCE CENTER	32,075,709	246,548	31,829,161	1,088,161	8,316,000	10,285,000	8,140,000	3,000,000	1,000,000	0	0	0	0	0	31,829,161
	101507	NORTH MAINTENANCE CENTER	10,116,520	0	10,116,520	0	0	142,720	1,294,548	571,488	7,758,182	349,582	0	0	0	0	10,116,520
	101547	MIAMI SERVICE FACILITY (PHASE 2)	12,211,000	0	12,211,000	0	0	172,268	1,626,151	1,130,832	9,281,749	0	0	0	0	0	12,211,000
	101888	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	1,300,000	0	1,300,000	0	203,831	1,094,348	1,821	0	0	0	0	0	0	0	1,300,000
		TOTAL - 1059	56,832,964	246,548	56,586,416	1,088,161	8,519,831	11,759,386	11,191,959	5,637,566	18,039,931	349,582	0	0	0	0	56,586,416
1060	100786	WATER DISTRIBUTION SYSTEM EXTENSION	19,994,644	1,802,043	18,192,601	1,868,269	4,819,000	3,948,778	3,090,740	2,965,814	500,000	500,000	500,000	0	0	0	18,192,601
	101734	WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA's	77,740,156	41,946,304	35,793,852	312,394	9,481,458	11,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	35,793,852
	101771	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 1	16,108,502	265,490	15,843,012	3,067,089	7,500,000	4,000,000	1,275,923	0	0	0	0	0	0	0	15,843,012
	101772	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 2	23,420,868	0	23,420,868	475,197	1,059,057	21,886,614	0	0	0	0	0	0	0	0	23,420,868



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Water
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1060	101773	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS HOMESTEAD EAST	15,207,534	0	15,207,534	308,553	687,663	14,211,318	0	0	0	0	0	0	0	0	15,207,534
	101778	DESIGN AND CONSTRUCTION OF PROPOSED 16 INCH WATER MAIN ON SW 192ND AVE BETWEEN SW 328 ST. TO SW 352 ST.	3,105,388	1,477,596	1,627,792	666,844	936,223	24,725	0	0	0	0	0	0	0	0	1,627,792
	101843	NEW NORTH DADE 16 INCH TRANSMISSION MAIN	3,682,652	520,305	3,162,347	1,432,211	1,730,136	0	0	0	0	0	0	0	0	0	3,162,347
	102060	INSTALLATION OF 36/48-INCH WM ALONG S.W. 117 TO 127 AVENUE (AREA N)	18,347,364	1,186,292	17,161,072	2,557,879	10,603,193	4,000,000	0	0	0	0	0	0	0	0	17,161,072
	102111	12/16 INCH WATER MAINS IN S. MIAMI-DADE AREA E	4,862,026	0	4,862,026	588,984	3,943,504	329,538	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)	101,502,733	0	101,502,733	2,702,919	7,191,158	11,028,429	19,000,000	7,000,000	10,000,000	12,500,000	12,500,000	10,580,227	9,000,000	0	101,502,733
	TOTAL - 1060		283,971,867	47,198,030	236,773,837	13,980,339	47,951,392	70,429,402	26,366,663	12,965,814	13,500,000	16,000,000	16,000,000	10,580,227	9,000,000	0	236,773,837
1063	100789	FIRE HYDRANT INSTALLATION AND RELATED SYSTEM BETTERMENTS	61,477,784	32,883,647	28,594,137	3,370,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	4,224,137	0	0	0	28,594,137
	TOTAL - 1063		61,477,784	32,883,647	28,594,137	3,370,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	4,224,137	0	0	0	28,594,137
1064	100790	MISCELLANEOUS TOOLS AND EQUIPMENT	31,532,561	13,646,721	17,885,840	3,870,690	3,815,150	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	0	0	0	17,885,840
	101724	HEAVY CONSTRUCTION EQUIPMENT	29,809,323	1,437,416	28,371,907	13,529,875	5,842,032	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	0	0	0	28,371,907



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1064	101725	VEHICLES/TRANSPORTATION EQUIPMENT	18,190,030	563,790	17,626,240	2,407,578	3,218,662	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	17,626,240
	102027	AUTOMATED METER READING (AMR)	249,969,619	0	249,969,619	247,409	120,233	750,000	1,850,000	3,362,863	7,842,361	12,712,833	75,673,732	100,000,000	47,410,188	0	249,969,619
		TOTAL - 1064	329,501,533	15,647,927	313,853,606	20,055,552	12,996,077	5,950,000	7,050,000	8,562,863	13,042,361	17,912,833	80,873,732	100,000,000	47,410,188	0	313,853,606
1065	101592	NW 37TH AVENUE - WATER MAINS IMPROVEMENTS NORTH OF 12 ST.	5,110,500	1,308,971	3,801,529	1,000,000	1,081,000	924,054	370,000	426,475	0	0	0	0	0	0	3,801,529
	101601	WATER DISTRIBUTION SYSTEM ENHANCEMENTS	8,633,759	4,309,896	4,323,863	844,132	1,082,050	432,489	397,303	598,292	367,339	0	602,258	0	0	0	4,323,863
	101602	WATER DISTRIBUTION SYSTEM NEEDS ASSESSMENT	14,116,047	5,216,895	8,899,152	878,889	1,475,951	2,104,350	2,044,173	1,955,789	280,000	160,000	0	0	0	0	8,899,152
		TOTAL - 1065	27,860,306	10,835,762	17,024,544	2,723,021	3,639,001	3,460,893	2,811,476	2,980,556	647,339	160,000	602,258	0	0	0	17,024,544
1066	100792	WATER PLANTS REHABILITATION	29,886,330	4,041,957	25,844,373	2,046,000	6,327,500	5,000,000	6,470,874	1,500,000	1,500,000	1,500,000	1,500,000	0	0	0	25,844,374
	101714	SECURITY PROJECTS	15,408,484	329,276	15,079,208	6,634,000	1,355,000	1,545,104	1,545,104	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	15,079,208
	101728	TANK CLEANING IMPROVEMENT PROJECT FOR WATER TREATMENT PLANTS	550,000	0	550,000	550,000	0	0	0	0	0	0	0	0	0	0	550,000
		TOTAL - 1066	45,844,814	4,371,233	41,473,581	9,230,000	7,682,500	6,545,104	8,015,978	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	41,473,582
1067	100793	WATER SYSTEM UPGRADES	146,174,597	19,705,921	126,468,676	18,698,176	17,770,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	0	0	0	126,468,676



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Water
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										Future	Total
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025		
		TOTAL - 1067	146,174,597	19,705,921	126,468,676	18,698,176	17,770,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	0	0	0	126,468,676
1070	101470	WATER TREATMENT PLANTS AND WELLFIELDS - SCADA SYSTEM	2,246,784	0	2,246,784	1,916,444	330,340	0	0	0	0	0	0	0	0	0	2,246,784
		TOTAL - 1070	2,246,784	0	2,246,784	1,916,444	330,340	0	0	0	0	0	0	0	0	0	2,246,784
1072	101581	WTP - ELECTRICAL UPGRADES	12,217,411	1,573,201	10,644,210	128,813	500,000	3,522,179	6,366,591	126,627	0	0	0	0	0	0	10,644,210
	101880	REPLACE AND UPGRADE ELECTRICAL GENERATOR AT ALL WTPs	9,421,326	618,503	8,802,824	1,292,824	2,000,000	4,510,000	1,000,000	0	0	0	0	0	0	0	8,802,824
		TOTAL - 1072	21,638,737	2,191,704	19,447,033	1,421,637	2,500,000	8,032,179	7,366,591	126,627	0	0	0	0	0	0	19,447,034
1075	101407	PRESTON WTP - IMPROVEMENTS TO FILTERS	9,880,000	0	9,880,000	0	0	0	1,013,493	2,582,610	6,283,897	0	0	0	0	0	9,880,000
	101546	WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS	460,824,088	13,200,885	447,623,203	0	2,539,370	6,144,898	12,138,186	15,341,834	50,170,543	59,444,098	8,811,456	101,379,739	114,872,375	76,780,704	447,623,203
	101891	NEW NWWF HIGH SERVICE PUMP STATION	43,250,000	0	43,250,000	0	610,154	1,785,315	4,212,610	15,141,641	20,000,000	1,500,280	0	0	0	0	43,250,000
	102135	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1	1,076,441	375,453	700,988	700,988	0	0	0	0	0	0	0	0	0	0	700,988
	102172	NW WELLFIELD ELECTRICAL DUCT BANK AND FEEDER	750,000	0	750,000	0	0	0	0	0	0	244,604	505,396	0	0	0	750,000



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Water
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1075	102176	MONITORING WELL INSTALLATION	750,000	0	750,000	0	0	0	0	0	0	82,042	203,375	464,583	0	0	750,000
TOTAL - 1075			516,530,529	13,576,337	502,954,192	700,988	3,149,524	7,930,213	17,364,289	33,066,085	76,454,440	61,271,024	9,520,227	101,844,322	114,872,375	76,780,704	502,954,191
1077	101364	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	221,735,000	3,871	221,731,129	1,896,129	1,500,000	2,800,000	3,800,000	6,815,838	21,220,969	54,542,689	129,155,504	0	0	0	221,731,129
102021		SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	57,310,288	25,777	57,284,511	13,331,285	18,748,718	3,126,141	2,232,757	4,395,589	150,021	0	15,300,000	0	0	0	57,284,511
TOTAL - 1077			279,045,288	29,648	279,015,640	15,227,414	20,248,718	5,926,141	6,032,757	11,211,427	21,370,990	54,542,689	144,455,504	0	0	0	279,015,640
1078	101368	TELEMETERING SYSTEM - WATER	3,223,655	332,657	2,890,998	410,000	680,998	300,000	300,000	300,000	300,000	300,000	300,000	0	0	0	2,890,998
TOTAL - 1078			3,223,655	332,657	2,890,998	410,000	680,998	300,000	300,000	300,000	300,000	300,000	300,000	0	0	0	2,890,998
1080	101879	INSTALLATION OF 36 INCH DI WATER MAIN IN NW 87TH AVE. FROM NW 170 ST. TO 102 AVE.	2,390,314	1,384,593	1,005,721	305,721	700,000	0	0	0	0	0	0	0	0	0	1,005,721
102182		CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP	4,000,000	0	4,000,000	700,000	3,300,000	0	0	0	0	0	0	0	0	0	4,000,000
TOTAL - 1080			6,390,314	1,384,593	5,005,721	1,005,721	4,000,000	0	0	0	0	0	0	0	0	0	5,005,721
1081	101966	INSTALLATION OF 12-INCH DIWM ON EAST DRIVE FROM NW 36 ST. TO LABARON DR.	5,962,941	602,944	5,359,997	746,161	4,123,304	490,532	0	0	0	0	0	0	0	0	5,359,997



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Water
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
TOTAL - 1081			5,962,941	602,944	5,359,997	746,161	4,123,304	490,532	0	0	0	0	0	0	0	0	5,359,997
1082	101969	WATER - PIPES AND INFRASTRUCTURE PROJECTS	81,838,287	20,838,287	61,000,000	5,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	0	0	0	61,000,000
	102178	36-INCH WATER MAIN NW 106 STREET	8,080,620	5,504	8,075,116	117,547	786,968	4,217,817	2,952,784	0	0	0	0	0	0	0	8,075,116
	102179	36-INCH WATER MAIN NW 135 STREET	11,409,758	0	11,409,758	411,344	964,888	1,829,433	8,204,093	0	0	0	0	0	0	0	11,409,758
TOTAL - 1082			101,328,665	20,843,791	80,484,874	5,528,891	9,751,856	14,047,250	19,156,877	8,000,000	8,000,000	8,000,000	8,000,000	0	0	0	80,484,874
1084	101678	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	52,320,515	4,817,980	47,502,535	1,623,272	2,378,140	3,331,008	4,885,411	5,400,000	6,500,000	5,500,000	5,500,000	5,584,704	4,500,000	2,300,000	47,502,535
	102136	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE A	15,835,474	976,788	14,858,686	2,518,666	3,019,444	6,320,576	3,000,000	0	0	0	0	0	0	0	14,858,686
	102137	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	35,726,014	0	35,726,014	1,449,491	3,689,562	10,660,301	15,005,849	4,920,811	0	0	0	0	0	0	35,726,014
	102139	REPLACEMENT OF UNDERSIZED WATER MAINS - W32 (PCTS #14004)	501,746	1,746	500,000	500,000	0	0	0	0	0	0	0	0	0	0	500,000
	102141	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE B	13,821,724	685,766	13,135,958	520,144	1,406,516	2,182,599	3,000,000	2,500,000	2,026,793	1,499,906	0	0	0	0	13,135,958



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total
						2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	
1084	102142	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	38,800,873	0	38,800,873	2,053,059	2,436,271	5,588,893	5,875,298	5,000,000	4,000,000	4,000,000	3,847,352	3,000,000	3,000,000	0	38,800,873
	102143	REPLACE UNDERSIZED WATER MAINS DOUGHNUT HOLE	100,000	0	100,000	100,000	0	0	0	0	0	0	0	0	0	0	100,000
	102144	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	300,927,509	0	300,927,509	0	83,209	815,602	328,252	4,570,164	202,773	1,000,000	293,927,509	0	0	0	300,927,509
	102193	WATER MASTER PLAN	2,026,080	0	2,026,080	0	1,000,000	1,026,080	0	0	0	0	0	0	0	0	2,026,080
TOTAL - 1084			460,059,935	6,482,281	453,577,654	8,764,632	14,013,142	29,925,059	32,094,810	22,390,975	12,729,566	11,999,906	303,274,861	8,584,704	7,500,000	2,300,000	453,577,655
TOTAL - Water			2,698,472,981	182,751,459	2,515,721,522	129,829,874	193,444,309	210,369,045	219,287,553	184,882,028	230,502,832	233,211,067	623,727,346	228,200,529	183,186,238	79,080,704	2,515,721,525

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



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1050	101504	PRESTON WTP - NEW PUMP STATION EAST OF RESERVOIR	2018W	F	2,528,437	0	2,528,437	0	0	0	2,528,437	0	0	0	0	0	0	0	0	2,528,437
			2019W	F	2,993,627	0	2,993,627	0	0	0	0	2,993,627	0	0	0	0	0	0	0	2,993,627
			2020W	F	744,360	0	744,360	0	0	0	0	744,360	0	0	0	0	0	0	0	744,360
			2021W	F	10,940,204	0	10,940,204	0	0	0	0	0	10,940,204	0	0	0	0	0	0	10,940,204
			FUT-W	F	26,493,372	0	26,493,372	0	0	0	0	0	0	26,493,372	0	0	0	0	0	26,493,372
		TOTAL - 101504			43,700,000	0	43,700,000	0	0	0	2,528,437	2,993,627	744,360	10,940,204	26,493,372	0	0	0	0	43,700,000
1050	101711	HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	2017W	F	60,155	0	60,155	0	0	60,155	0	0	0	0	0	0	0	0	0	60,155
			2018W	F	20,527	0	20,527	0	0	0	20,527	0	0	0	0	0	0	0	0	20,527
			EW258	A	761,786	66,965	694,821	694,821	0	0	0	0	0	0	0	0	0	0	0	694,821
			RB16W	F	315,680	0	315,680	0	315,680	0	0	0	0	0	0	0	0	0	0	315,680
		TOTAL - 101711			1,158,148	66,965	1,091,183	694,821	315,680	60,155	20,527	0	0	0	0	0	0	0	0	1,091,183
1050	101884	REHABILITATION PRESTON PLANT ACCELATORS	EW258	A	862,470	0	862,470	862,470	0	0	0	0	0	0	0	0	0	0	0	862,470
			EW260	A	1,137,530	0	1,137,530	1,137,530	0	0	0	0	0	0	0	0	0	0	0	1,137,530
			RB16W	F	2,500,000	0	2,500,000	0	2,500,000	0	0	0	0	0	0	0	0	0	0	2,500,000
		TOTAL - 101884			4,500,000	0	4,500,000	2,000,000	2,500,000	0	0	0	0	0	0	0	0	0	0	4,500,000
1050	102104	FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP	2017W	F	293,210	0	293,210	0	0	293,210	0	0	0	0	0	0	0	0	0	293,210



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1050	102104	FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP	2018W	F	528,850	0	528,850	0	0	0	528,850	0	0	0	0	0	0	0	0	528,850
			2019W	F	2,177,940	0	2,177,940	0	0	0	0	2,177,940	0	0	0	0	0	0	0	2,177,940
		TOTAL - 102104			3,000,000	0	3,000,000	0	0	293,210	528,850	2,177,940	0	0	0	0	0	0	0	3,000,000
1050	102106	HYPOCHLORITE FEED/STORAGE AT PRESTON/HIALEAH WTP	2017W	F	933,140	0	933,140	0	0	933,140	0	0	0	0	0	0	0	0	0	933,140
			EW258	A	587,563	82,292	505,271	505,271	0	0	0	0	0	0	0	0	0	0	0	505,271
			RB16W	F	5,279,297	0	5,279,297	0	5,279,297	0	0	0	0	0	0	0	0	0	0	5,279,297
		TOTAL - 102106			6,800,000	82,292	6,717,708	505,271	5,279,297	933,140	0	0	0	0	0	0	0	0	0	6,717,708
1050	102127	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	2017W	F	1,704,444	0	1,704,444	0	0	1,704,444	0	0	0	0	0	0	0	0	0	1,704,444
			2018W	F	1,295,556	0	1,295,556	0	0	0	1,295,556	0	0	0	0	0	0	0	0	1,295,556
			EW258	A	1,596,460	0	1,596,460	1,596,460	0	0	0	0	0	0	0	0	0	0	0	1,596,460
			RB16W	F	370,783	0	370,783	0	370,783	0	0	0	0	0	0	0	0	0	0	370,783
		TOTAL - 102127			4,967,243	0	4,967,243	1,596,460	370,783	1,704,444	1,295,556	0	0	0	0	0	0	0	0	4,967,243
1050	102134	PURCHASE OF LAKE PROPERTY ADJACENT TO NORTHWEST WELLFIELD	EW258	A	8,267,469	0	8,267,469	8,267,469	0	0	0	0	0	0	0	0	0	0	0	8,267,469
			RB16W	F	2,335,200	0	2,335,200	0	2,335,200	0	0	0	0	0	0	0	0	0	0	2,335,200
		TOTAL - 102134			10,602,669	0	10,602,669	8,267,469	2,335,200	0	0	0	0	0	0	0	0	0	0	10,602,669
1050	102170	HIALEAH/PRESTON WTP FEEDERS/MOTOR CONTROL CENTER	2021W	F	285,417	0	285,417	0	0	0	0	0	285,417	0	0	0	0	0	0	285,417
			FUT-W	F	464,583	0	464,583	0	0	0	0	0	0	0	464,583	0	0	0	0	464,583



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Water

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
		TOTAL - 102170			750,000	0	750,000	0	0	0	0	0	0	285,417	464,583	0	0	0	750,000
1050	102171	HIALEAH/PRESTON WTP TRANSFORMER	2021W	F	489,208	0	489,208	0	0	0	0	0	0	489,208	0	0	0	0	489,208
			FUT-W	F	1,010,792	0	1,010,792	0	0	0	0	0	0	1,010,792	0	0	0	0	1,010,792
		TOTAL - 102171			1,500,000	0	1,500,000	0	0	0	0	0	489,208	1,010,792	0	0	0	0	1,500,000
1050	102173	PRESTON WTP HS PUMP ROOM SWITCHGEAR	2021W	F	686,000	0	686,000	0	0	0	0	0	686,000	0	0	0	0	0	686,000
			FUT-W	F	2,314,000	0	2,314,000	0	0	0	0	0	0	1,498,667	815,333	0	0	0	2,314,000
		TOTAL - 102173			3,000,000	0	3,000,000	0	0	0	0	0	686,000	1,498,667	815,333	0	0	0	3,000,000
		TOTAL - 1050			79,978,060	149,258	79,828,802	13,064,021	10,800,960	2,990,949	4,373,370	5,171,567	744,360	12,400,829	29,467,414	815,333	0	0	79,828,803
1051	101577	ORR WTP - 48" FINISHED WATER LINE (AREA M)	2017W	F	1,715,097	0	1,715,097	0	0	1,715,097	0	0	0	0	0	0	0	0	1,715,097
			2018W	F	14,384,835	0	14,384,835	0	0	0	14,384,835	0	0	0	0	0	0	0	14,384,835
			2019W	F	18,661,937	0	18,661,937	0	0	0	0	18,661,937	0	0	0	0	0	0	18,661,937
			2020W	F	15,834,304	0	15,834,304	0	0	0	0	15,834,304	0	0	0	0	0	0	15,834,304
			2021W	F	8,000,000	0	8,000,000	0	0	0	0	0	8,000,000	0	0	0	0	0	8,000,000
			EW258	A	926,651	0	926,651	926,651	0	0	0	0	0	0	0	0	0	0	926,651
			RB16W	F	4,912,876	0	4,912,876	0	4,912,876	0	0	0	0	0	0	0	0	0	4,912,876
		TOTAL - 101577			64,435,700	0	64,435,700	926,651	4,912,876	1,715,097	14,384,835	18,661,937	15,834,304	8,000,000	0	0	0	0	64,435,700
1051	101579	ORR WTP - PUMPING UNIT No. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	2017W	F	3,969,165	0	3,969,165	0	0	3,969,165	0	0	0	0	0	0	0	0	3,969,165
			2018W	F	443,949	0	443,949	0	0	0	443,949	0	0	0	0	0	0	0	443,949
			2019W	F	1,811,772	0	1,811,772	0	0	0	0	1,811,772	0	0	0	0	0	0	1,811,772



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Water

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1051	101579	ORR WTP - PUMPING UNIT No. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	2020W	F	2,116,769	0	2,116,769	0	0	0	0	0	2,116,769	0	0	0	0	0	2,116,769
			EW246	A	49,219	49,219	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	178,007	0	178,007	178,007	0	0	0	0	0	0	0	0	0	0	178,007
			RB16W	F	1,298,364	0	1,298,364	0	1,298,364	0	0	0	0	0	0	0	0	0	1,298,364
		TOTAL - 101579			9,867,245	49,219	9,818,026	178,007	1,298,364	3,969,165	443,949	1,811,772	2,116,769	0	0	0	0	0	9,818,026
1051	101694	ORR WTP - SWITCHGEAR BUILDING AND TRANSFORMER	2017W	F	800,000	0	800,000	0	0	800,000	0	0	0	0	0	0	0	0	800,000
			2018W	F	808,800	0	808,800	0	0	0	808,800	0	0	0	0	0	0	0	808,800
			EW246	A	896,291	896,291	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	2,123,535	0	2,123,535	2,123,535	0	0	0	0	0	0	0	0	0	0	2,123,535
			RB16W	F	2,229,998	0	2,229,998	0	2,229,998	0	0	0	0	0	0	0	0	0	2,229,998
		TOTAL - 101694			6,858,624	896,291	5,962,333	2,123,535	2,229,998	800,000	808,800	0	0	0	0	0	0	0	5,962,333
1051	101712	ORR WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	2017W	F	750,000	0	750,000	0	0	750,000	0	0	0	0	0	0	0	0	750,000
			2018W	F	374,121	0	374,121	0	0	0	374,121	0	0	0	0	0	0	0	374,121
			EW258	A	250,000	0	250,000	250,000	0	0	0	0	0	0	0	0	0	0	250,000
			RB16W	F	500,000	0	500,000	0	500,000	0	0	0	0	0	0	0	0	0	500,000
		TOTAL - 101712			1,874,121	0	1,874,121	250,000	500,000	750,000	374,121	0	0	0	0	0	0	0	1,874,121
1051	101882	3 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	2017W	F	4,138,509	0	4,138,509	0	0	4,138,509	0	0	0	0	0	0	0	0	4,138,509



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1051	101882	3 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	2018W	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
			EW246	A	589,305	589,305	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	1,546,254	24,812	1,521,442	1,521,442	0	0	0	0	0	0	0	0	0	0	0	1,521,442
			RB16W	F	2,482,279	0	2,482,279	0	2,482,279	0	0	0	0	0	0	0	0	0	0	2,482,279
		TOTAL - 101882			10,756,347	614,117	10,142,230	1,521,442	2,482,279	4,138,509	2,000,000	0	0	0	0	0	0	0	0	10,142,230
1051	101945	HGIH SERVICE PUMP AND MOTOR IMPROVEMENTS EAST & WEST ROOM - VFD	2019W	F	200,000	0	200,000	0	0	0	0	200,000	0	0	0	0	0	0	0	200,000
			2020W	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
			2021W	F	3,550,000	0	3,550,000	0	0	0	0	0	3,550,000	0	0	0	0	0	0	3,550,000
			FUT-W	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
		TOTAL - 101945			7,000,000	0	7,000,000	0	0	0	0	200,000	2,250,000	3,550,000	1,000,000	0	0	0	0	7,000,000
1051	101946	HYDROTREATOR DRIVES ASSEMBLES AND MOTORS	2017W	F	808,686	0	808,686	0	0	808,686	0	0	0	0	0	0	0	0	0	808,686
			2018W	F	38,696	0	38,696	0	0	0	38,696	0	0	0	0	0	0	0	0	38,696
			RB16W	F	152,618	0	152,618	0	152,618	0	0	0	0	0	0	0	0	0	0	152,618
		TOTAL - 101946			1,000,000	0	1,000,000	0	152,618	808,686	38,696	0	0	0	0	0	0	0	0	1,000,000
1051	102103	ELECTRICAL UPGADES FOR ALEXANDER ORR LIME PLANT	EW258	A	318,895	0	318,895	318,895	0	0	0	0	0	0	0	0	0	0	0	318,895
			RB16W	F	1,067,121	0	1,067,121	0	1,067,121	0	0	0	0	0	0	0	0	0	0	1,067,121
		TOTAL - 102103			1,386,016	0	1,386,016	318,895	1,067,121	0	0	0	0	0	0	0	0	0	0	1,386,016
1051	102107	HYPOCHLORITE FEED/STORAGE AT ORR WTP	2017W	F	1,112,918	0	1,112,918	0	0	1,112,918	0	0	0	0	0	0	0	0	0	1,112,918



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Water

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future			
1051	102107	HYPOCHLORITE FEED/STORAGE AT ORR WTP	2018W	F	10,115,745	0	10,115,745	0	0	0	10,115,745	0	0	0	0	0	0	0	0	10,115,745	
			2019W	F	1,208,497	0	1,208,497	0	0	0	1,208,497	0	0	0	0	0	0	0	0	1,208,497	
			EW258	A	845,818	68,179	777,639	777,639	0	0	0	0	0	0	0	0	0	0	0	0	777,639
			RB16W	F	1,017,022	0	1,017,022	0	1,017,022	0	0	0	0	0	0	0	0	0	0	0	1,017,022
TOTAL - 102107					14,300,000	68,179	14,231,821	777,639	1,017,022	1,112,918	10,115,745	1,208,497	0	0	0	0	0	0	0	14,231,821	
1051	102109	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #1 AT ORR WTP	2017W	F	163,465	0	163,465	0	0	163,465	0	0	0	0	0	0	0	0	0	163,465	
			2018W	F	2,636,537	0	2,636,537	0	0	0	2,636,537	0	0	0	0	0	0	0	0	0	2,636,537
			RB16W	F	199,998	0	199,998	0	199,998	0	0	0	0	0	0	0	0	0	0	0	199,998
TOTAL - 102109					3,000,000	0	3,000,000	0	199,998	163,465	2,636,537	0	0	0	0	0	0	0	0	3,000,000	
1051	102110	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #2 AT ORR WTP	2017W	F	319,959	0	319,959	0	0	319,959	0	0	0	0	0	0	0	0	0	319,959	
			2018W	F	832,204	0	832,204	0	0	0	832,204	0	0	0	0	0	0	0	0	0	832,204
			2019W	F	2,007,640	0	2,007,640	0	0	0	2,007,640	0	0	0	0	0	0	0	0	0	2,007,640
			RB16W	F	40,197	0	40,197	0	40,197	0	0	0	0	0	0	0	0	0	0	0	40,197
TOTAL - 102110					3,200,000	0	3,200,000	0	40,197	319,959	832,204	2,007,640	0	0	0	0	0	0	0	3,200,000	
1051	102166	A. ORR WTP ELECTRICAL DUCT BANK FOR GENERATOR SWITCH GEAR	2017W	F	306,922	0	306,922	0	0	306,922	0	0	0	0	0	0	0	0	0	306,922	
			2018W	F	1,978,592	0	1,978,592	0	0	0	1,978,592	0	0	0	0	0	0	0	0	0	1,978,592
			2019W	F	1,141,636	0	1,141,636	0	0	0	1,141,636	0	0	0	0	0	0	0	0	0	1,141,636



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1051	102166	A. ORR WTP ELECTRICAL DUCT BANK FOR GENERATOR SWITCH GEAR	RB16W	F	72,850	0	72,850	0	72,850	0	0	0	0	0	0	0	0	0	0	72,850
TOTAL - 102166					3,500,000	0	3,500,000	0	72,850	306,922	1,978,592	1,141,636	0	0	0	0	0	0	0	3,500,000
1051	102167	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	2017W	F	92,421	0	92,421	0	0	92,421	0	0	0	0	0	0	0	0	0	92,421
			2018W	F	2,623,700	0	2,623,700	0	0	0	2,623,700	0	0	0	0	0	0	0	0	2,623,700
			2019W	F	6,122,083	0	6,122,083	0	0	0	0	6,122,083	0	0	0	0	0	0	0	6,122,083
			2020W	F	294,482	0	294,482	0	0	0	0	294,482	0	0	0	0	0	0	0	294,482
			EW258	A	129,840	0	129,840	129,840	0	0	0	0	0	0	0	0	0	0	0	129,840
			RB16W	F	737,474	0	737,474	0	737,474	0	0	0	0	0	0	0	0	0	0	737,474
TOTAL - 102167					10,000,000	0	10,000,000	129,840	737,474	92,421	2,623,700	6,122,083	294,482	0	0	0	0	0	0	10,000,000
1051	102168	A. ORR WTP FEEDER/MOTOR CONTROL CENTER	2021W	F	244,604	0	244,604	0	0	0	0	0	244,604	0	0	0	0	0	0	244,604
			FUT-W	F	505,396	0	505,396	0	0	0	0	0	0	505,396	0	0	0	0	0	505,396
TOTAL - 102168					750,000	0	750,000	0	0	0	0	0	244,604	505,396	0	0	0	0	0	750,000
1051	102169	A. ORR WTP PUMP ROOM FOR SOFTENER CLUSTERS 1-8 AND 11-14	2021W	F	228,297	0	228,297	0	0	0	0	0	228,297	0	0	0	0	0	0	228,297
			FUT-W	F	471,703	0	471,703	0	0	0	0	0	0	471,703	0	0	0	0	0	471,703
TOTAL - 102169					700,000	0	700,000	0	0	0	0	0	228,297	471,703	0	0	0	0	0	700,000
1051	102174	SNAPPER CREEK WELLFIELD FEEDERS AND SWITCHGEAR	2021W	F	244,604	0	244,604	0	0	0	0	0	244,604	0	0	0	0	0	0	244,604
			FUT-W	F	505,396	0	505,396	0	0	0	0	0	0	505,396	0	0	0	0	0	505,396
TOTAL - 102174					750,000	0	750,000	0	0	0	0	0	244,604	505,396	0	0	0	0	0	750,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS														
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total			
1051	102175	ALEXANDER ORR WATER TESTING LABORATORY	2017W	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	
			2018W	F	3,500,000	0	3,500,000	0	0	0	3,500,000	0	0	0	0	0	0	0	0	0	0	3,500,000
			EW258	A	1,012,834	12,834	1,000,000	1,000,000	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000,000
			RB16W	F	2,500,000	0	2,500,000	0	2,500,000	0	0	0	0	0	0	0	0	0	0	0	0	2,500,000
TOTAL - 102175					10,012,834	12,834	10,000,000	1,000,000	2,500,000	3,000,000	3,500,000	0	0	0	0	0	0	0	0	0	10,000,000	
1051	102177	SLUDGE LINE PIGGING STATION AT ALEXANDER ORR WTP	2017W	F	260,485	0	260,485	0	0	260,485	0	0	0	0	0	0	0	0	0	0	260,485	
			2018W	F	568,897	0	568,897	0	0	0	568,897	0	0	0	0	0	0	0	0	0	0	568,897
			2019W	F	60,052	0	60,052	0	0	0	60,052	0	0	0	0	0	0	0	0	0	0	60,052
			EW258	A	292,679	0	292,679	292,679	0	0	0	0	0	0	0	0	0	0	0	0	0	292,679
			RB16W	F	394,973	0	394,973	0	394,973	0	0	0	0	0	0	0	0	0	0	0	0	394,973
TOTAL - 102177					1,577,086	0	1,577,086	292,679	394,973	260,485	568,897	60,052	0	0	0	0	0	0	0	0	1,577,086	
1051	102180	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	2021W	F	686,000	0	686,000	0	0	0	0	0	686,000	0	0	0	0	0	0	0	686,000	
			FUT-W	F	2,314,000	0	2,314,000	0	0	0	0	0	0	0	1,498,667	815,333	0	0	0	0	2,314,000	
			TOTAL - 102180					3,000,000	0	3,000,000	0	0	0	0	686,000	1,498,667	815,333	0	0	0	0	3,000,000
TOTAL - 1051					153,967,973	1,640,640	152,327,333	7,518,688	17,605,770	17,437,627	40,306,076	31,213,617	20,495,555	12,953,505	3,981,162	815,333	0	0	0	0	152,327,333	
1053	101540	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	2017W	F	1,601,810	0	1,601,810	0	0	1,601,810	0	0	0	0	0	0	0	0	0	0	1,601,810	
			2018W	F	8,296,953	0	8,296,953	0	0	0	8,296,953	0	0	0	0	0	0	0	0	0	0	8,296,953
			EW258	A	2,826,064	0	2,826,064	2,826,064	0	0	0	0	0	0	0	0	0	0	0	0	0	2,826,064
			RB16W	F	1,592,178	0	1,592,178	0	1,592,178	0	0	0	0	0	0	0	0	0	0	0	0	1,592,178

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Water

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
TOTAL - 101540					14,317,005	0	14,317,005	2,826,064	1,592,178	1,601,810	8,296,953	0	0	0	0	0	0	0	14,317,005
1053	102116	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	2017W	F	104,701	0	104,701	0	0	104,701	0	0	0	0	0	0	0	0	104,701
			2018W	F	1,542,835	0	1,542,835	0	0	0	1,542,835	0	0	0	0	0	0	0	1,542,835
			2019W	F	47,697	0	47,697	0	0	0	0	47,697	0	0	0	0	0	0	47,697
			RB16W	F	131,372	0	131,372	0	131,372	0	0	0	0	0	0	0	0	0	131,372
TOTAL - 102116					1,826,605	0	1,826,605	0	131,372	104,701	1,542,835	47,697	0	0	0	0	0	0	1,826,605
TOTAL - 1053					16,143,610	0	16,143,610	2,826,064	1,723,550	1,706,511	9,839,788	47,697	0	0	0	0	0	0	16,143,610
1054	101441	54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)	2021W	F	137,017	0	137,017	0	0	0	0	0	137,017	0	0	0	0	0	137,017
			FUT-W	F	10,323,483	0	10,323,483	0	0	0	0	0	0	3,274,485	2,645,323	4,403,675	0	0	10,323,483
TOTAL - 101441					10,460,500	0	10,460,500	0	0	0	0	0	137,017	3,274,485	2,645,323	4,403,675	0	0	10,460,500
1054	102112	16/36/36-INCH WATER MAINS - SW 48 ST SW 40 ST SW 97 AVE - AREA Q	2017W	F	1,377,664	0	1,377,664	0	0	1,377,664	0	0	0	0	0	0	0	0	1,377,664
			2018W	F	1,731,120	0	1,731,120	0	0	0	1,731,120	0	0	0	0	0	0	0	1,731,120
			2019W	F	13,425,981	0	13,425,981	0	0	0	0	13,425,981	0	0	0	0	0	0	13,425,981
			2020W	F	10,656,914	0	10,656,914	0	0	0	0	10,656,914	0	0	0	0	0	0	10,656,914
			2021W	F	4,000,000	0	4,000,000	0	0	0	0	0	4,000,000	0	0	0	0	0	4,000,000
			RB16W	F	418,103	0	418,103	0	418,103	0	0	0	0	0	0	0	0	0	418,103
TOTAL - 102112					31,609,782	0	31,609,782	0	418,103	1,377,664	1,731,120	13,425,981	10,656,914	4,000,000	0	0	0	0	31,609,782
1054	102115	20/30-INCH WATER MAINS - SW 87 AVE - AREA P	2017W	F	1,316,198	0	1,316,198	0	0	1,316,198	0	0	0	0	0	0	0	0	1,316,198



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1054	102115	20/30-INCH WATER MAINS - SW 87 AVE - AREA P	2018W	F	484,506	0	484,506	0	0	0	484,506	0	0	0	0	0	0	0	0	484,506
			2019W	F	6,355,395	0	6,355,395	0	0	0	0	6,355,395	0	0	0	0	0	0	0	6,355,395
			2020W	F	4,696,022	0	4,696,022	0	0	0	0	4,696,022	0	0	0	0	0	0	0	4,696,022
			RB16W	F	183,908	0	183,908	0	183,908	0	0	0	0	0	0	0	0	0	0	183,908
		TOTAL - 102115			13,036,029	0	13,036,029	0	183,908	1,316,198	484,506	6,355,395	4,696,022	0	0	0	0	0	0	13,036,029
1054	102118	30/36-INCH WATER MAINS - SW 157 AVE SW 88 ST - AREA D	2021W	F	514,816	0	514,816	0	0	0	0	0	514,816	0	0	0	0	0	0	514,816
			FUT-W	F	4,191,477	0	4,191,477	0	0	0	0	0	0	1,276,190	2,915,287	0	0	0	0	4,191,477
		TOTAL - 102118			4,706,293	0	4,706,293	0	0	0	0	0	514,816	1,276,190	2,915,287	0	0	0	0	4,706,293
1054	102120	36-INCH WATER MAIN - SW 72 ST - AREA O	2017W	F	492,441	0	492,441	0	0	492,441	0	0	0	0	0	0	0	0	0	492,441
			2018W	F	519,731	0	519,731	0	0	0	519,731	0	0	0	0	0	0	0	0	519,731
			2019W	F	574,512	0	574,512	0	0	0	0	574,512	0	0	0	0	0	0	0	574,512
			2020W	F	4,333,221	0	4,333,221	0	0	0	0	4,333,221	0	0	0	0	0	0	0	4,333,221
			2021W	F	930,442	0	930,442	0	0	0	0	0	930,442	0	0	0	0	0	0	930,442
			RB16W	F	96,338	0	96,338	0	96,338	0	0	0	0	0	0	0	0	0	0	96,338
		TOTAL - 102120			6,946,685	0	6,946,685	0	96,338	492,441	519,731	574,512	4,333,221	930,442	0	0	0	0	0	6,946,685
		TOTAL - 1054			66,759,289	0	66,759,289	0	698,349	3,186,303	2,735,357	20,355,888	19,686,157	5,582,275	4,550,675	5,560,610	4,403,675	0	0	66,759,289
1055	102016	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	2017W	F	504,489	0	504,489	0	0	504,489	0	0	0	0	0	0	0	0	0	504,489
			2018W	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
			2019W	F	1,586	0	1,586	0	0	0	0	1,586	0	0	0	0	0	0	0	1,586

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1055	102016	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	RB16W	F	258,497	0	258,497	0	258,497	0	0	0	0	0	0	0	0	0	0	258,497
TOTAL - 102016					4,500,000	0	4,500,000	0	258,497	504,489	3,735,428	1,586	0	0	0	0	0	0	0	4,500,000
1055	102117	24-INCH WATER MAIN - SW 137 AVE - AREA C	2017W	F	247,007	0	247,007	0	0	247,007	0	0	0	0	0	0	0	0	0	247,007
			2018W	F	1,046,134	0	1,046,134	0	0	0	1,046,134	0	0	0	0	0	0	0	0	1,046,134
			2019W	F	849,760	0	849,760	0	0	0	0	849,760	0	0	0	0	0	0	0	849,760
			2020W	F	2,492,133	0	2,492,133	0	0	0	0	2,492,133	0	0	0	0	0	0	0	2,492,133
			2021W	F	8,738,424	0	8,738,424	0	0	0	0	0	8,738,424	0	0	0	0	0	0	8,738,424
			FUT-W	F	977,376	0	977,376	0	0	0	0	0	0	977,376	0	0	0	0	0	977,376
TOTAL - 102117					14,350,834	0	14,350,834	0	0	247,007	1,046,134	849,760	2,492,133	8,738,424	977,376	0	0	0	0	14,350,834
TOTAL - 1055					18,850,834	0	18,850,834	0	258,497	751,496	4,781,562	851,346	2,492,133	8,738,424	977,376	0	0	0	0	18,850,834
1056	101474	SPECIAL CONSTRUCTION - WATER IMPROVEMENTS	EW224	A	14,682,502	4,628,538	10,053,964	1,553,964	1,500,000	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	0	0	0	10,053,964	
TOTAL - 101474					14,682,502	4,628,538	10,053,964	1,553,964	1,500,000	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	0	0	0	0	10,053,964
TOTAL - 1056					14,682,502	4,628,538	10,053,964	1,553,964	1,500,000	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	0	0	0	0	10,053,964
1059	101084	MIAMI SERVICE FACILITY - (PHASE 1)	2017W	F	65,050	0	65,050	0	0	65,050	0	0	0	0	0	0	0	0	0	65,050
			2018W	F	129,439	0	129,439	0	0	0	129,439	0	0	0	0	0	0	0	0	129,439
			2019W	F	935,246	0	935,246	0	0	0	0	935,246	0	0	0	0	0	0	0	935,246
TOTAL - 101084					1,129,735	0	1,129,735	0	0	65,050	129,439	935,246	0	0	0	0	0	0	0	1,129,735
1059	101505	SOUTH MAINTENANCE CENTER	2017W	F	10,285,000	0	10,285,000	0	0	10,285,000	0	0	0	0	0	0	0	0	0	10,285,000
			2018W	F	8,140,000	0	8,140,000	0	0	0	8,140,000	0	0	0	0	0	0	0	0	8,140,000



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Water
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS															
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total				
1059	101505	SOUTH MAINTENANCE CENTER	2019W	F	3,000,000	0	3,000,000	0	0	0	0	3,000,000	0	0	0	0	0	0	0	3,000,000			
			2020W	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		
			EW258	A	1,334,709	246,548	1,088,161	1,088,161	0	0	0	0	0	0	0	0	0	0	0	0	0	1,088,161	
			RB16W	F	8,316,000	0	8,316,000	0	8,316,000	0	0	0	0	0	0	0	0	0	0	0	0	8,316,000	
TOTAL - 101505					32,075,709	246,548	31,829,161	1,088,161	8,316,000	10,285,000	8,140,000	3,000,000	1,000,000	0	0	0	0	0	0	31,829,161			
1059	101507	NORTH MAINTENANCE CENTER	2017W	F	142,720	0	142,720	0	0	142,720	0	0	0	0	0	0	0	0	0	0	142,720		
			2018W	F	1,294,548	0	1,294,548	0	0	0	1,294,548	0	0	0	0	0	0	0	0	0	0	1,294,548	
			2019W	F	571,488	0	571,488	0	0	0	571,488	0	0	0	0	0	0	0	0	0	0	571,488	
			2020W	F	7,758,182	0	7,758,182	0	0	0	0	7,758,182	0	0	0	0	0	0	0	0	0	0	7,758,182
			2021W	F	349,582	0	349,582	0	0	0	0	0	0	349,582	0	0	0	0	0	0	0	0	349,582
TOTAL - 101507					10,116,520	0	10,116,520	0	0	142,720	1,294,548	571,488	7,758,182	349,582	0	0	0	0	0	0	10,116,520		
1059	101547	MIAMI SERVICE FACILITY (PHASE 2)	2017W	F	172,268	0	172,268	0	0	172,268	0	0	0	0	0	0	0	0	0	0	172,268		
			2018W	F	1,626,151	0	1,626,151	0	0	0	1,626,151	0	0	0	0	0	0	0	0	0	0	1,626,151	
			2019W	F	1,130,832	0	1,130,832	0	0	0	1,130,832	0	0	0	0	0	0	0	0	0	0	1,130,832	
			2020W	F	9,281,749	0	9,281,749	0	0	0	0	9,281,749	0	0	0	0	0	0	0	0	0	0	9,281,749
TOTAL - 101547					12,211,000	0	12,211,000	0	0	172,268	1,626,151	1,130,832	9,281,749	0	0	0	0	0	0	0	12,211,000		
1059	101888	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	2017W	F	1,094,348	0	1,094,348	0	0	1,094,348	0	0	0	0	0	0	0	0	0	0	1,094,348		
			2018W	F	1,821	0	1,821	0	0	0	1,821	0	0	0	0	0	0	0	0	0	0	1,821	
			RB16W	F	203,831	0	203,831	0	203,831	0	0	0	0	0	0	0	0	0	0	0	0	203,831	



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS										
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future
		TOTAL - 101888			1,300,000	0	1,300,000	0	203,831	1,094,348	1,821	0	0	0	0	0	0	1,300,000
		TOTAL - 1059			56,832,964	246,548	56,586,416	1,088,161	8,519,831	11,759,386	11,191,959	5,637,566	18,039,931	349,582	0	0	0	56,586,416
1060	100786	WATER DISTRIBUTION SYSTEM EXTENSION	2017W	F	3,448,778	0	3,448,778	0	0	3,448,778	0	0	0	0	0	0	0	3,448,778
			2018W	F	2,590,740	0	2,590,740	0	0	0	2,590,740	0	0	0	0	0	0	2,590,740
			2019W	F	2,465,814	0	2,465,814	0	0	0	0	2,465,814	0	0	0	0	0	2,465,814
			EW221	A	6,698,817	1,011,548	5,687,269	1,868,269	819,000	500,000	500,000	500,000	500,000	500,000	500,000	0	0	5,687,269
			EW246	A	787,236	787,236	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	3,259	3,259	0	0	0	0	0	0	0	0	0	0	0	0
			RB16W	F	4,000,000	0	4,000,000	0	4,000,000	0	0	0	0	0	0	0	0	4,000,000
		TOTAL - 100786			19,994,644	1,802,043	18,192,601	1,868,269	4,819,000	3,948,778	3,090,740	2,965,814	500,000	500,000	500,000	0	0	18,192,601
1060	101734	WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA's	2017W	F	8,000,000	0	8,000,000	0	0	8,000,000	0	0	0	0	0	0	0	8,000,000
			EW221	A	46,867,121	26,385,663	20,481,458	0	2,481,458	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	20,481,458
			EW246	A	2,829,390	2,829,390	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	13,043,645	12,731,251	312,394	312,394	0	0	0	0	0	0	0	0	0	312,394
			EW260	A	5,862,470	0	5,862,470	0	5,862,470	0	0	0	0	0	0	0	0	5,862,470
			RB16W	F	1,137,530	0	1,137,530	0	1,137,530	0	0	0	0	0	0	0	0	1,137,530
		TOTAL - 101734			77,740,156	41,946,304	35,793,852	312,394	9,481,458	11,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	35,793,852
1060	101771	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 1	2017W	F	4,000,000	0	4,000,000	0	0	4,000,000	0	0	0	0	0	0	0	4,000,000
			2018W	F	1,275,923	0	1,275,923	0	0	0	1,275,923	0	0	0	0	0	0	1,275,923

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1060	101771	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 1	EW223	A	6,806,718	265,490	6,541,228	3,067,089	3,474,139	0	0	0	0	0	0	0	0	0	0	6,541,228
			RB16W	F	4,025,861	0	4,025,861	0	4,025,861	0	0	0	0	0	0	0	0	0	0	4,025,861
		TOTAL - 101771			16,108,502	265,490	15,843,012	3,067,089	7,500,000	4,000,000	1,275,923	0	0	0	0	0	0	0	0	15,843,012
1060	101772	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 2	2017W	F	17,591,444	0	17,591,444	0	0	17,591,444	0	0	0	0	0	0	0	0	0	17,591,444
			EW223	A	5,829,424	0	5,829,424	475,197	1,059,057	4,295,170	0	0	0	0	0	0	0	0	0	5,829,424
		TOTAL - 101772			23,420,868	0	23,420,868	475,197	1,059,057	21,886,614	0	0	0	0	0	0	0	0	0	23,420,868
1060	101773	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS HOMESTEAD EAST	2017W	F	10,839,930	0	10,839,930	0	0	10,839,930	0	0	0	0	0	0	0	0	0	10,839,930
			EW223	A	4,367,604	0	4,367,604	308,553	687,663	3,371,388	0	0	0	0	0	0	0	0	0	4,367,604
		TOTAL - 101773			15,207,534	0	15,207,534	308,553	687,663	14,211,318	0	0	0	0	0	0	0	0	0	15,207,534
1060	101778	DESIGN AND CONSTRUCTION OF PROPOSED 16 INCH WATER MAIN ON SW 192ND AVE BETWEEN SW 328 ST. TO SW 352 ST.	2017W	F	24,725	0	24,725	0	0	24,725	0	0	0	0	0	0	0	0	0	24,725
			EW244	A	1,477,596	1,477,596	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	666,844	0	666,844	666,844	0	0	0	0	0	0	0	0	0	0	0	666,844
			RB16W	F	936,223	0	936,223	0	936,223	0	0	0	0	0	0	0	0	0	0	936,223
		TOTAL - 101778			3,105,388	1,477,596	1,627,792	666,844	936,223	24,725	0	0	0	0	0	0	0	0	0	1,627,792
1060	101843	NEW NORTH DADE 16 INCH TRANSMISSION MAIN	EW246	A	289,761	289,761	0	0	0	0	0	0	0	0	0	0	0	0	0	0



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS														
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total			
1060	101843	NEW NORTH DADE 16 INCH TRANSMISSION MAIN	EW258	A	1,662,755	230,544	1,432,211	1,432,211	0	0	0	0	0	0	0	0	0	0	0	0	1,432,211	
			RB16W	F	1,730,136	0	1,730,136	0	1,730,136	0	0	0	0	0	0	0	0	0	0	0	0	1,730,136
		TOTAL - 101843			3,682,652	520,305	3,162,347	1,432,211	1,730,136	0	0	0	0	0	0	0	0	0	0	0	0	3,162,347
1060	102060	INSTALLATION OF 36/48-INCH WM ALONG S.W. 117 TO 127 AVENUE (AREA N)	2017W	F	4,000,000	0	4,000,000	0	0	4,000,000	0	0	0	0	0	0	0	0	0	0	0	4,000,000
			EW223	A	3,466,459	0	3,466,459	0	3,466,459	0	0	0	0	0	0	0	0	0	0	0	0	3,466,459
			EW246	A	1,928	1,928	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	3,742,243	1,184,364	2,557,879	2,557,879	0	0	0	0	0	0	0	0	0	0	0	0	0	2,557,879
			EW260	A	7,136,734	0	7,136,734	0	7,136,734	0	0	0	0	0	0	0	0	0	0	0	0	7,136,734
		TOTAL - 102060			18,347,364	1,186,292	17,161,072	2,557,879	10,603,193	4,000,000	0	0	0	0	0	0	0	0	0	0	0	17,161,072
1060	102111	12/16 INCH WATER MAINS IN S. MIAMI-DADE AREA E	2017W	F	329,538	0	329,538	0	0	329,538	0	0	0	0	0	0	0	0	0	0	0	329,538
			EW258	A	588,984	0	588,984	588,984	0	0	0	0	0	0	0	0	0	0	0	0	0	588,984
			EW260	A	3,943,504	0	3,943,504	0	3,943,504	0	0	0	0	0	0	0	0	0	0	0	0	3,943,504
		TOTAL - 102111			4,862,026	0	4,862,026	588,984	3,943,504	329,538	0	0	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)	2017W	F	9,674,581	0	9,674,581	0	0	9,674,581	0	0	0	0	0	0	0	0	0	0	0	9,674,581
			2018W	F	19,000,000	0	19,000,000	0	0	0	19,000,000	0	0	0	0	0	0	0	0	0	0	19,000,000
			2019W	F	7,000,000	0	7,000,000	0	0	0	0	7,000,000	0	0	0	0	0	0	0	0	0	7,000,000
			2020W	F	10,000,000	0	10,000,000	0	0	0	0	10,000,000	0	0	0	0	0	0	0	0	0	10,000,000
			2021W	F	12,500,000	0	12,500,000	0	0	0	0	0	12,500,000	0	0	0	0	0	0	0	0	12,500,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
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)	EW223	A	11,247,925	0	11,247,925	2,702,919	7,191,158	1,353,848	0	0	0	0	0	0	0	0	0	11,247,925
			FUT-W	F	32,080,227	0	32,080,227	0	0	0	0	0	0	12,500,000	10,580,227	9,000,000	0	0	0	32,080,227
		TOTAL - 102140			101,502,733	0	101,502,733	2,702,919	7,191,158	11,028,429	19,000,000	7,000,000	10,000,000	12,500,000	10,580,227	9,000,000	0	0	0	101,502,733
		TOTAL - 1060			283,971,867	47,198,030	236,773,837	13,980,339	47,951,392	70,429,402	26,366,663	12,965,814	13,500,000	16,000,000	16,000,000	10,580,227	9,000,000	0	0	236,773,837
1063	100789	FIRE HYDRANT INSTALLATION AND RELATED SYSTEM BETTERMENTS	EW226	A	61,477,784	32,883,647	28,594,137	3,370,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	4,224,137	0	0	0	0	0	28,594,137
		TOTAL - 100789			61,477,784	32,883,647	28,594,137	3,370,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	4,224,137	0	0	0	0	0	28,594,137
		TOTAL - 1063			61,477,784	32,883,647	28,594,137	3,370,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	4,224,137	0	0	0	0	0	28,594,137
1064	100790	MISCELLANEOUS TOOLS AND EQUIPMENT	EW221	A	31,480,135	13,594,295	17,885,840	3,870,690	3,815,150	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	0	0	0	0	0	17,885,840
			EW246	A	52,426	52,426	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 100790			31,532,561	13,646,721	17,885,840	3,870,690	3,815,150	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	0	0	0	0	0	17,885,840
1064	101724	HEAVY CONSTRUCTION EQUIPMENT	EW221	A	29,809,323	1,437,416	28,371,907	13,529,875	5,842,032	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	0	0	0	0	0	28,371,907
		TOTAL - 101724			29,809,323	1,437,416	28,371,907	13,529,875	5,842,032	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	0	0	0	0	0	28,371,907
1064	101725	VEHICLES/TRANSPORTATION EQUIPMENT	EW221	A	18,190,030	563,790	17,626,240	2,407,578	3,218,662	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	0	0	17,626,240
		TOTAL - 101725			18,190,030	563,790	17,626,240	2,407,578	3,218,662	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	0	0	17,626,240
1064	102027	AUTOMATED METER READING (AMR)	2017W	F	750,000	0	750,000	0	0	750,000	0	0	0	0	0	0	0	0	0	750,000
			2018W	F	1,850,000	0	1,850,000	0	0	0	1,850,000	0	0	0	0	0	0	0	0	1,850,000
			2019W	F	3,362,863	0	3,362,863	0	0	0	0	3,362,863	0	0	0	0	0	0	0	3,362,863

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1064	102027	AUTOMATED METER READING (AMR)	2020W	F	7,842,361	0	7,842,361	0	0	0	0	0	7,842,361	0	0	0	0	0	7,842,361	
			2021W	F	12,712,833	0	12,712,833	0	0	0	0	0	12,712,833	0	0	0	0	0	12,712,833	
			EW221	A	367,642	0	367,642	247,409	120,233	0	0	0	0	0	0	0	0	0	0	367,642
			FUT-W	F	223,083,920	0	223,083,920	0	0	0	0	0	0	75,673,732	100,000,000	47,410,188	0	0	223,083,920	
TOTAL - 102027					249,969,619	0	249,969,619	247,409	120,233	750,000	1,850,000	3,362,863	7,842,361	12,712,833	75,673,732	100,000,000	47,410,188	0	249,969,619	
TOTAL - 1064					329,501,533	15,647,927	313,853,606	20,055,552	12,996,077	5,950,000	7,050,000	8,562,863	13,042,361	17,912,833	80,873,732	100,000,000	47,410,188	0	313,853,606	
1065	101592	NW 37TH AVENUE - WATER MAINS IMPROVEMENTS NORTH OF 12 ST.	EW247	A	5,110,500	1,308,971	3,801,529	1,000,000	1,081,000	924,054	370,000	426,475	0	0	0	0	0	0	3,801,529	
TOTAL - 101592					5,110,500	1,308,971	3,801,529	1,000,000	1,081,000	924,054	370,000	426,475	0	0	0	0	0	0	3,801,529	
1065	101601	WATER DISTRIBUTION SYSTEM ENHANCEMENTS	EW247	A	8,633,759	4,309,896	4,323,863	844,132	1,082,050	432,489	397,303	598,292	367,339	0	602,258	0	0	0	4,323,863	
TOTAL - 101601					8,633,759	4,309,896	4,323,863	844,132	1,082,050	432,489	397,303	598,292	367,339	0	602,258	0	0	0	4,323,863	
1065	101602	WATER DISTRIBUTION SYSTEM NEEDS ASSESSMENT	EW247	A	14,116,047	5,216,895	8,899,152	878,889	1,475,951	2,104,350	2,044,173	1,955,789	280,000	160,000	0	0	0	0	8,899,152	
TOTAL - 101602					14,116,047	5,216,895	8,899,152	878,889	1,475,951	2,104,350	2,044,173	1,955,789	280,000	160,000	0	0	0	0	8,899,152	
TOTAL - 1065					27,860,306	10,835,762	17,024,544	2,723,021	3,639,001	3,460,893	2,811,476	2,980,556	647,339	160,000	602,258	0	0	0	17,024,544	
1066	100792	WATER PLANTS REHABILITATION	2017W	F	3,500,000	0	3,500,000	0	0	3,500,000	0	0	0	0	0	0	0	0	3,500,000	
			2018W	F	4,970,874	0	4,970,874	0	0	0	4,970,874	0	0	0	0	0	0	0	0	4,970,874
			EW221	A	16,575,983	3,702,483	12,873,500	2,046,000	1,827,500	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	0	0	0	0	12,873,500
			EW246	A	336,650	336,650	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	2,823	2,823	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			RB16W	F	4,500,000	0	4,500,000	0	4,500,000	0	0	0	0	0	0	0	0	0	0	0

Prepared by Capital Planning and Coordination Section



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Water
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
TOTAL - 100792					29,886,330	4,041,957	25,844,373	2,046,000	6,327,500	5,000,000	6,470,874	1,500,000	1,500,000	1,500,000	1,500,000	0	0	0	25,844,374
1066	101714	SECURITY PROJECTS	2017W	F	545,104	0	545,104	0	0	545,104	0	0	0	0	0	0	0	0	545,104
			2018W	F	545,104	0	545,104	0	0	0	545,104	0	0	0	0	0	0	0	545,104
			EW221	A	11,118,276	329,276	10,789,000	4,434,000	355,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	10,789,000	
			EW258	A	2,200,000	0	2,200,000	2,200,000	0	0	0	0	0	0	0	0	0	0	2,200,000
			RB16W	F	1,000,000	0	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
TOTAL - 101714					15,408,484	329,276	15,079,208	6,634,000	1,355,000	1,545,104	1,545,104	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	15,079,208
1066	101728	TANK CLEANING IMPROVEMENT PROJECT FOR WATER TREATMENT PLANTS	EW258	A	550,000	0	550,000	550,000	0	0	0	0	0	0	0	0	0	0	550,000
TOTAL - 101728					550,000	0	550,000	550,000	0	0	0	0	0	0	0	0	0	0	550,000
TOTAL - 1066					45,844,814	4,371,233	41,473,581	9,230,000	7,682,500	6,545,104	8,015,978	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	41,473,582
1067	100793	WATER SYSTEM UPGRADES	EW221	A	139,581,362	13,806,004	125,775,358	18,004,858	17,770,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	0	0	0	125,775,358	
			EW246	A	5,899,917	5,899,917	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	693,318	0	693,318	693,318	0	0	0	0	0	0	0	0	0	0	693,318
TOTAL - 100793					146,174,597	19,705,921	126,468,676	18,698,176	17,770,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	0	0	0	0	126,468,676
TOTAL - 1067					146,174,597	19,705,921	126,468,676	18,698,176	17,770,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	0	0	0	0	126,468,676
1070	101470	WATER TREATMENT PLANTS AND WELLFIELDS - SCADA SYSTEM	EW258	A	1,916,444	0	1,916,444	1,916,444	0	0	0	0	0	0	0	0	0	0	1,916,444
			RB16W	F	330,340	0	330,340	0	330,340	0	0	0	0	0	0	0	0	0	330,340
TOTAL - 101470					2,246,784	0	2,246,784	1,916,444	330,340	0	0	0	0	0	0	0	0	0	2,246,784
TOTAL - 1070					2,246,784	0	2,246,784	1,916,444	330,340	0	0	0	0	0	0	0	0	0	2,246,784

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Water

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS														
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total			
1072	101581	WTP - ELECTRICAL UPGRADES	2017W	F	3,522,179	0	3,522,179	0	0	3,522,179	0	0	0	0	0	0	0	0	0	0	3,522,179	
			2018W	F	6,366,591	0	6,366,591	0	0	0	6,366,591	0	0	0	0	0	0	0	0	0	0	6,366,591
			2019W	F	126,627	0	126,627	0	0	0	126,627	0	0	0	0	0	0	0	0	0	0	126,627
			EW251	A	344,111	344,111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	1,357,903	1,229,090	128,813	128,813	0	0	0	0	0	0	0	0	0	0	0	0	0	128,813
			RB16W	F	500,000	0	500,000	0	500,000	0	0	0	0	0	0	0	0	0	0	0	0	500,000
TOTAL - 101581					12,217,411	1,573,201	10,644,210	128,813	500,000	3,522,179	6,366,591	126,627	0	0	0	0	0	0	0	10,644,210		
1072	101880	REPLACE AND UPGRADE ELECTRICAL GENERATOR AT ALL WTPs	2017W	F	4,510,000	0	4,510,000	0	0	4,510,000	0	0	0	0	0	0	0	0	0	0	4,510,000	
			2018W	F	1,000,000	0	1,000,000	0	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000
			EW221	A	335,114	335,114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	1,576,212	283,388	1,292,824	1,292,824	0	0	0	0	0	0	0	0	0	0	0	0	0	1,292,824
			RB16W	F	2,000,000	0	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0	0	0	0	0	2,000,000
TOTAL - 101880					9,421,326	618,503	8,802,824	1,292,824	2,000,000	4,510,000	1,000,000	0	0	0	0	0	0	0	0	8,802,824		
TOTAL - 1072					21,638,737	2,191,704	19,447,033	1,421,637	2,500,000	8,032,179	7,366,591	126,627	0	0	0	0	0	0	0	19,447,034		
1075	101407	PRESTON WTP - IMPROVEMENTS TO FILTERS	2018W	F	1,013,493	0	1,013,493	0	0	0	1,013,493	0	0	0	0	0	0	0	0	0	1,013,493	
			2019W	F	2,582,610	0	2,582,610	0	0	0	2,582,610	0	0	0	0	0	0	0	0	0	2,582,610	
			2020W	F	6,283,897	0	6,283,897	0	0	0	0	6,283,897	0	0	0	0	0	0	0	0	6,283,897	
TOTAL - 101407					9,880,000	0	9,880,000	0	0	0	1,013,493	2,582,610	6,283,897	0	0	0	0	0	0	9,880,000		



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Water

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS													
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total		
1075	101546	WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS	2017W	F	906,365	0	906,365	0	0	906,365	0	0	0	0	0	0	0	0	0	906,365	
			2018W	F	12,138,186	0	12,138,186	0	0	0	12,138,186	0	0	0	0	0	0	0	0	12,138,186	
			2019W	F	15,341,834	0	15,341,834	0	0	0	15,341,834	0	0	0	0	0	0	0	0	15,341,834	
			2020W	F	50,170,543	0	50,170,543	0	0	0	0	50,170,543	0	0	0	0	0	0	0	50,170,543	
			2021W	F	59,444,098	0	59,444,098	0	0	0	0	59,444,098	0	0	0	0	0	0	0	59,444,098	
			EW252	A	20,978,788	13,200,885	7,777,903	0	2,539,370	5,238,533	0	0	0	0	0	0	0	0	0	7,777,903	
			FUT-W	F	301,844,274	0	301,844,274	0	0	0	0	0	0	8,811,456	101,379,739	114,872,375	76,780,704	0	0	301,844,274	
		TOTAL - 101546			460,824,088	13,200,885	447,623,203	0	2,539,370	6,144,898	12,138,186	15,341,834	50,170,543	59,444,098	8,811,456	101,379,739	114,872,375	76,780,704	0	447,623,203	
1075	101891	NEW NWWF HIGH SERVICE PUMP STATION	2017W	F	1,785,315	0	1,785,315	0	0	1,785,315	0	0	0	0	0	0	0	0	0	1,785,315	
			2018W	F	4,212,610	0	4,212,610	0	0	0	4,212,610	0	0	0	0	0	0	0	0	0	4,212,610
			2019W	F	15,141,641	0	15,141,641	0	0	0	15,141,641	0	0	0	0	0	0	0	0	0	15,141,641
			2020W	F	20,000,000	0	20,000,000	0	0	0	0	20,000,000	0	0	0	0	0	0	0	0	20,000,000
			2021W	F	1,500,280	0	1,500,280	0	0	0	0	0	1,500,280	0	0	0	0	0	0	0	1,500,280
			RB16W	F	610,154	0	610,154	0	610,154	0	0	0	0	0	0	0	0	0	0	0	610,154
		TOTAL - 101891			43,250,000	0	43,250,000	0	610,154	1,785,315	4,212,610	15,141,641	20,000,000	1,500,280	0	0	0	0	0	0	43,250,000
1075	102135	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1	EW221	A	1,076,441	375,453	700,988	700,988	0	0	0	0	0	0	0	0	0	0	0	0	700,988
		TOTAL - 102135			1,076,441	375,453	700,988	700,988	0	0	0	0	0	0	0	0	0	0	0	0	700,988



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
1075	102172	NW WELLFIELD ELECTRICAL DUCT BANK AND FEEDER	2021W	F	244,604	0	244,604	0	0	0	0	0	0	244,604	0	0	0	0	244,604
			FUT-W	F	505,396	0	505,396	0	0	0	0	0	0	0	505,396	0	0	0	505,396
		TOTAL - 102172			750,000	0	750,000	0	0	0	0	0	244,604	505,396	0	0	0	0	750,000
1075	102176	MONITORING WELL INSTALLATION	2021W	F	82,042	0	82,042	0	0	0	0	0	82,042	0	0	0	0	0	82,042
			FUT-W	F	667,958	0	667,958	0	0	0	0	0	0	203,375	464,583	0	0	0	667,958
		TOTAL - 102176			750,000	0	750,000	0	0	0	0	0	82,042	203,375	464,583	0	0	0	750,000
		TOTAL - 1075			516,530,529	13,576,337	502,954,192	700,988	3,149,524	7,930,213	17,364,289	33,066,085	76,454,440	61,271,024	9,520,227	101,844,322	114,872,375	76,780,704	502,954,191
1077	101364	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	2017W	F	2,800,000	0	2,800,000	0	0	2,800,000	0	0	0	0	0	0	0	0	2,800,000
			2018W	F	3,800,000	0	3,800,000	0	0	0	3,800,000	0	0	0	0	0	0	0	3,800,000
			2019W	F	6,815,838	0	6,815,838	0	0	0	0	6,815,838	0	0	0	0	0	0	6,815,838
			2020W	F	21,220,969	0	21,220,969	0	0	0	0	0	21,220,969	0	0	0	0	0	21,220,969
			2021W	F	54,542,689	0	54,542,689	0	0	0	0	0	0	54,542,689	0	0	0	0	54,542,689
			EW258	A	1,900,000	3,871	1,896,129	1,896,129	0	0	0	0	0	0	0	0	0	0	1,896,129
			FUT-W	F	129,155,504	0	129,155,504	0	0	0	0	0	0	0	129,155,504	0	0	0	129,155,504
			RB16W	F	1,500,000	0	1,500,000	0	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
		TOTAL - 101364			221,735,000	3,871	221,731,129	1,896,129	1,500,000	2,800,000	3,800,000	6,815,838	21,220,969	54,542,689	129,155,504	0	0	0	221,731,129
1077	102021	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST	2017W	F	3,126,141	0	3,126,141	0	0	3,126,141	0	0	0	0	0	0	0	0	3,126,141
			2018W	F	2,232,757	0	2,232,757	0	0	0	2,232,757	0	0	0	0	0	0	0	2,232,757
			2019W	F	4,395,589	0	4,395,589	0	0	0	0	4,395,589	0	0	0	0	0	0	4,395,589



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Water
As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1077	102021	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST	2020W	F	150,021	0	150,021	0	0	0	0	0	150,021	0	0	0	0	0	0	150,021
			EW258	A	13,357,062	25,777	13,331,285	13,331,285	0	0	0	0	0	0	0	0	0	0	0	13,331,285
			EW260	A	18,748,718	0	18,748,718	0	18,748,718	0	0	0	0	0	0	0	0	0	0	18,748,718
			FUT-W	F	15,300,000	0	15,300,000	0	0	0	0	0	0	0	15,300,000	0	0	0	0	15,300,000
		TOTAL - 102021			57,310,288	25,777	57,284,511	13,331,285	18,748,718	3,126,141	2,232,757	4,395,589	150,021	0	15,300,000	0	0	0	0	57,284,511
		TOTAL - 1077			279,045,288	29,648	279,015,640	15,227,414	20,248,718	5,926,141	6,032,757	11,211,427	21,370,990	54,542,689	144,455,504	0	0	0	0	279,015,640
1078	101368	TELEMETERING SYSTEM - WATER	EW221	A	3,223,655	332,657	2,890,998	410,000	680,998	300,000	300,000	300,000	300,000	300,000	300,000	0	0	0	2,890,998	
		TOTAL - 101368			3,223,655	332,657	2,890,998	410,000	680,998	300,000	300,000	300,000	300,000	300,000	300,000	0	0	0	2,890,998	
		TOTAL - 1078			3,223,655	332,657	2,890,998	410,000	680,998	300,000	300,000	300,000	300,000	300,000	300,000	0	0	0	2,890,998	
1080	101879	INSTALLATION OF 36 INCH DI WATER MAIN IN NW 87TH AVE. FROM NW 170 ST. TO 102 AVE.	EW223	A	2,390,314	1,384,593	1,005,721	305,721	700,000	0	0	0	0	0	0	0	0	0	1,005,721	
		TOTAL - 101879			2,390,314	1,384,593	1,005,721	305,721	700,000	0	0	0	0	0	0	0	0	0	1,005,721	
1080	102182	CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP	EW223	A	4,000,000	0	4,000,000	700,000	3,300,000	0	0	0	0	0	0	0	0	0	4,000,000	
		TOTAL - 102182			4,000,000	0	4,000,000	700,000	3,300,000	0	0	0	0	0	0	0	0	0	4,000,000	
		TOTAL - 1080			6,390,314	1,384,593	5,005,721	1,005,721	4,000,000	0	0	0	0	0	0	0	0	0	5,005,721	
1081	101966	INSTALLATION OF 12-INCH DIWM ON EAST DRIVE FROM NW 36 ST. TO LABARON DR.	EW205	A	5,962,941	602,944	5,359,997	746,161	4,123,304	490,532	0	0	0	0	0	0	0	0	5,359,997	
		TOTAL - 101966			5,962,941	602,944	5,359,997	746,161	4,123,304	490,532	0	0	0	0	0	0	0	0	5,359,997	
		TOTAL - 1081			5,962,941	602,944	5,359,997	746,161	4,123,304	490,532	0	0	0	0	0	0	0	0	5,359,997	



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1082	101969	WATER - PIPES AND INFRASTRUCTURE PROJECTS	EW221	A	66,962,494	5,962,494	61,000,000	5,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	0	0	0	61,000,000	
			EW246	A	14,875,793	14,875,793	0	0	0	0	0	0	0	0	0	0	0	0	0	
		TOTAL - 101969			81,838,287	20,838,287	61,000,000	5,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	0	0	0	61,000,000	
1082	102178	36-INCH WATER MAIN NW 106 STREET	2017W	F	4,217,817	0	4,217,817	0	0	4,217,817	0	0	0	0	0	0	0	0	0	4,217,817
			2018W	F	2,952,784	0	2,952,784	0	0	0	2,952,784	0	0	0	0	0	0	0	0	2,952,784
			EW258	A	123,051	5,504	117,547	117,547	0	0	0	0	0	0	0	0	0	0	0	117,547
			RB16W	F	786,968	0	786,968	0	786,968	0	0	0	0	0	0	0	0	0	0	786,968
		TOTAL - 102178			8,080,620	5,504	8,075,116	117,547	786,968	4,217,817	2,952,784	0	0	0	0	0	0	0	0	8,075,116
1082	102179	36-INCH WATER MAIN NW 135 STREET	2017W	F	1,829,433	0	1,829,433	0	0	1,829,433	0	0	0	0	0	0	0	0	0	1,829,433
			2018W	F	8,204,093	0	8,204,093	0	0	0	8,204,093	0	0	0	0	0	0	0	0	8,204,093
			EW258	A	411,344	0	411,344	411,344	0	0	0	0	0	0	0	0	0	0	0	411,344
			RB16W	F	964,888	0	964,888	0	964,888	0	0	0	0	0	0	0	0	0	0	964,888
		TOTAL - 102179			11,409,758	0	11,409,758	411,344	964,888	1,829,433	8,204,093	0	0	0	0	0	0	0	0	11,409,758
		TOTAL - 1082			101,328,665	20,843,791	80,484,874	5,528,891	9,751,856	14,047,250	19,156,877	8,000,000	8,000,000	8,000,000	8,000,000	0	0	0	0	80,484,874
1084	101678	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	2017W	F	3,331,008	0	3,331,008	0	0	3,331,008	0	0	0	0	0	0	0	0	0	3,331,008
			2018W	F	4,885,411	0	4,885,411	0	0	0	4,885,411	0	0	0	0	0	0	0	0	4,885,411
			2019W	F	5,400,000	0	5,400,000	0	0	0	0	5,400,000	0	0	0	0	0	0	0	5,400,000
			2020W	F	6,500,000	0	6,500,000	0	0	0	0	0	6,500,000	0	0	0	0	0	0	6,500,000
			2021W	F	5,500,000	0	5,500,000	0	0	0	0	0	0	5,500,000	0	0	0	0	0	5,500,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Water

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS													
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total		
1084	101678	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	EW246	A	857,747	857,747	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	5,583,505	3,960,233	1,623,272	1,623,272	0	0	0	0	0	0	0	0	0	0	0	0	1,623,272
			FUT-W	F	17,884,704	0	17,884,704	0	0	0	0	0	0	5,500,000	5,584,704	4,500,000	2,300,000				17,884,704
			RB16W	F	2,378,140	0	2,378,140	0	2,378,140	0	0	0	0	0	0	0	0	0	0	0	2,378,140
		TOTAL - 101678			52,320,515	4,817,980	47,502,535	1,623,272	2,378,140	3,331,008	4,885,411	5,400,000	6,500,000	5,500,000	5,500,000	5,584,704	4,500,000	2,300,000			47,502,535
1084	102136	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE A	2017W	F	1,194,114	0	1,194,114	0	0	1,194,114	0	0	0	0	0	0	0	0	0	0	1,194,114
			2018W	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
			EW222	A	11,423,000	758,428	10,664,572	2,518,666	3,019,444	5,126,462	0	0	0	0	0	0	0	0	0	0	10,664,572
			EW258	A	218,360	218,360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 102136			15,835,474	976,788	14,858,686	2,518,666	3,019,444	6,320,576	3,000,000	0	0	0	0	0	0	0	0	0	14,858,686
1084	102137	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	2017W	F	10,660,301	0	10,660,301	0	0	10,660,301	0	0	0	0	0	0	0	0	0	0	10,660,301
			2018W	F	15,005,849	0	15,005,849	0	0	0	15,005,849	0	0	0	0	0	0	0	0	0	15,005,849
			2019W	F	4,920,811	0	4,920,811	0	0	0	0	4,920,811	0	0	0	0	0	0	0	0	4,920,811
			EW258	A	1,449,491	0	1,449,491	1,449,491	0	0	0	0	0	0	0	0	0	0	0	0	1,449,491
			EW260	A	3,689,562	0	3,689,562	0	3,689,562	0	0	0	0	0	0	0	0	0	0	0	3,689,562
		TOTAL - 102137			35,726,014	0	35,726,014	1,449,491	3,689,562	10,660,301	15,005,849	4,920,811	0	0	0	0	0	0	0	0	35,726,014



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1084	102139	REPLACEMENT OF UNDERSIZED WATER MAINS - W32 (PCTS #14004)	EW221	A	501,746	1,746	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0	500,000
TOTAL - 102139					501,746	1,746	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0	500,000
1084	102141	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE B	2020W	F	867,126	0	867,126	0	0	0	0	0	867,126	0	0	0	0	0	0	867,126
			2021W	F	1,499,906	0	1,499,906	0	0	0	0	0	1,499,906	0	0	0	0	0	0	1,499,906
			EW222	A	11,423,000	654,074	10,768,926	520,144	1,406,516	2,182,599	3,000,000	2,500,000	1,159,667	0	0	0	0	0	0	10,768,926
			EW258	A	31,692	31,692	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL - 102141					13,821,724	685,766	13,135,958	520,144	1,406,516	2,182,599	3,000,000	2,500,000	2,026,793	1,499,906	0	0	0	0	0	13,135,958
1084	102142	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	2017W	F	5,588,893	0	5,588,893	0	0	5,588,893	0	0	0	0	0	0	0	0	0	5,588,893
			2018W	F	5,875,298	0	5,875,298	0	0	0	5,875,298	0	0	0	0	0	0	0	0	5,875,298
			2019W	F	5,000,000	0	5,000,000	0	0	0	0	5,000,000	0	0	0	0	0	0	0	5,000,000
			2020W	F	4,000,000	0	4,000,000	0	0	0	0	0	4,000,000	0	0	0	0	0	0	4,000,000
			2021W	F	4,000,000	0	4,000,000	0	0	0	0	0	4,000,000	0	0	0	0	0	0	4,000,000
			EW258	A	2,053,059	0	2,053,059	2,053,059	0	0	0	0	0	0	0	0	0	0	0	2,053,059
			EW260	A	2,436,271	0	2,436,271	0	2,436,271	0	0	0	0	0	0	0	0	0	0	2,436,271
			FUT-W	F	9,847,352	0	9,847,352	0	0	0	0	0	0	0	0	3,847,352	3,000,000	3,000,000	0	9,847,352
TOTAL - 102142					38,800,873	0	38,800,873	2,053,059	2,436,271	5,588,893	5,875,298	5,000,000	4,000,000	4,000,000	3,847,352	3,000,000	3,000,000	0	0	38,800,873



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2015**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS												
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total	
1084	102143	REPLACE UNDERSIZED WATER MAINS DOUGHNUT HOLE	EW221	A	100,000	0	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0	100,000
TOTAL - 102143					100,000	0	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0	100,000
1084	102144	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	2017W	F	815,602	0	815,602	0	0	815,602	0	0	0	0	0	0	0	0	0	815,602
			2018W	F	328,252	0	328,252	0	0	0	328,252	0	0	0	0	0	0	0	0	328,252
			2019W	F	4,570,164	0	4,570,164	0	0	0	0	4,570,164	0	0	0	0	0	0	0	4,570,164
			2020W	F	202,773	0	202,773	0	0	0	0	202,773	0	0	0	0	0	0	0	202,773
			2021W	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
			EW260	A	83,209	0	83,209	0	83,209	0	0	0	0	0	0	0	0	0	0	83,209
			FUTFW	F	293,927,509	0	293,927,509	0	0	0	0	0	0	293,927,509	0	0	0	0	0	293,927,509
TOTAL - 102144					300,927,509	0	300,927,509	0	83,209	815,602	328,252	4,570,164	202,773	1,000,000	293,927,509	0	0	0	0	300,927,509
1084	102193	WATER MASTER PLAN	2017W	F	1,026,080	0	1,026,080	0	0	1,026,080	0	0	0	0	0	0	0	0	0	1,026,080
			RB16W	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
TOTAL - 102193					2,026,080	0	2,026,080	0	1,000,000	1,026,080	0	0	0	0	0	0	0	0	0	2,026,080
TOTAL - 1084					460,059,935	6,482,281	453,577,654	8,764,632	14,013,142	29,925,059	32,094,810	22,390,975	12,729,566	11,999,906	303,274,861	8,584,704	7,500,000	2,300,000	453,577,655	
TOTAL - Water					2,698,472,981	182,751,459	2,515,721,522	129,829,874	193,444,309	210,369,045	219,287,553	184,882,028	230,502,832	233,211,067	623,727,346	228,200,529	183,186,238	79,080,704	2,515,721,525	



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Water

As of: 9/30/2015

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2015	Remaining Bond/Fund Allocation	PROJECTIONS											
								2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	Future	Total
		REPORT TOTAL			2,698,472,981	182,751,459	2,515,721,522	129,829,874	193,444,309	210,369,045	219,287,553	184,882,028	230,502,832	233,211,067	623,727,346	228,200,529	183,186,238	79,080,704	2,515,721,525

**MULTI-YEAR CAPITAL PLAN
WASTEWATER**



Miami-Dade Water and Sewer Department

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

WASTEWATER PROJECTS

FUND LEGEND

FUND DESCRIPTION:

2016 Wastewater Revenue Bonds Sold
Bond Construction Contributions - Wastewater
Construction - 2010 Bonds
Future Funding
Future WASD Revenue Bonds
General Obligation Bonds (GOB)
HLD - Special Construction Fund
Miami Springs Sewer Construction Fund
Plant Expansion Fund - Wastewater
S Construction - 2013 Bonds
WASD Revenue Bonds Sold
WASD Wastewater Commercial Paper - 2015
Wastewater Renewal & Replacement Fund
Wastewater Special Construction Fund



Miami-Dade Water and Sewer Department
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
WASTEWATER PROJECTS - LEGEND

WASD PROJECT No.	OMB PROJECT No.	DESCRIPTION
1002	9653411	NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT
1003	9653421	CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT
1006	9655481	SOUTH DISTRICT WASTEWATER TREATMENT PLANT EXPANSION - PHASE III
1007	9653401	SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT
1008	9652101	NORTH MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS
1009	9650241	CENTRAL MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS
1010	9651061	SOUTH DISTRICT WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS
1011	9650201	GRAVITY SEWER RENOVATIONS
1012	9650221	SANITARY SEWER SYSTEM IMPROVEMENTS
1013	9653201	WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES
1014	9653381	CORROSION CONTROL FACILITIES IMPROVEMENTS
1015	9651071	PUMP STATION IMPROVEMENTS PROGRAM
1018	9653371	PEAK FLOW MANAGEMENT FACILITIES
1019	9653281	SANITARY SEWER SYSTEM EXTENSION
1021	9652002	PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES
1023	9652481	WASTEWATER TELEMETERING SYSTEM
1024	9650361	WASTEWATER SYSTEM MAINTENANCE AND UPGRADES

Prepared by Capital Planning and Coordination Section



**Miami-Dade Water and Sewer Department
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
WASTEWATER PROJECTS - LEGEND**

WASD PROJECT No.	OMB PROJECT No.	DESCRIPTION
1025	9650371	LIFT STATION UPGRADES AND STRUCTURAL MAINTENANCE IMPROVEMENTS
1027	9650301	WASTEWATER EQUIPMENT AND VEHICLES
1029	9653261	WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION
1032	9652061	WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES
1039	969110	MIAMI SPRINGS CONSTRUCTION FUND - WASTEWATER
1040	962670	OUTFALL LEGISLATION
1041	222222	GENERAL OBLIGATION BOND (GOB)
1042	968750	WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS
1044	964120	WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS
1045	968150	WASTEWATER COLLECTION AND TRANSMISSION LINES - CONSENT DECREE PROJECTS
1046	964440	SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS
1047	968090	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT

SUMMARY EXHIBITS



**Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN**

WASTEWATER PROJECTS

**REVENUE SUMMARY (in Thousands of Dollars)
- All Projects**

Fund Description	Prior			Projections							Total
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	
WASD Revenue Bonds Sold	86	0	86	0	0	0	0	0	0	0	86
Wastewater Renewal & Replacement Fund	129,256	44,639	173,896	50,272	45,500	45,500	45,500	45,500	45,500	45,500	497,168
Plant Expansion Fund - Wastewater	62,503	25,661	88,164	23,475	12,069	15,837	9,696	7,000	7,000	17,732	180,972
General Obligation Bonds	7,490	4,146	11,637	6,208	16,078	22,561	13,343	17,750	28,040	28,495	144,111
Wastewater Special Construction Fund	50,080	300	50,380	0	0	0	0	0	0	0	50,380
Future WASD Revenue Bonds	0	0	0	0	389,372	371,086	365,749	379,221	360,308	5,830,581	7,696,317
State Revolving Loans - Wastewater	10,269	9,619	19,888	0	0	0	0	0	0	0	19,888
Construction - 2010 Bonds	39,623	0	39,623	0	0	0	0	0	0	0	39,623
Miami Springs Construction Fund	1,326	0	1,326	0	0	0	0	0	0	0	1,326
Future Funding	0	0	0	0	0	0	0	0	0	1,236,048	1,236,048
S Construction - 2013 Bonds	165,385	0	165,385	0	0	0	0	0	0	0	165,385
2016 Wastewater Revenue Bonds Sold	0	0	0	182,603	0	0	0	0	0	0	182,603
WASD Wastewater Commercial Paper - 2015	0	356,962	356,962	0	0	0	0	0	0	0	356,962
Total	466,019	441,328	907,347	262,557	463,018	454,984	434,288	449,471	440,848	7,158,357	10,570,869

Prepared by Capital Planning and Coordination Section

Renewal and Replacement Fund, and Plant Expansion Fund have not been projected



**Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN**

WASTEWATER PROJECTS

EXPENDITURE SUMMARY (in Thousands of Dollars)

- All Projects

Fund Description	Prior			Projections							
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total
WASD Revenue Bonds Sold	86	0	86	0	0	0	0	0	0	0	86
Wastewater Renewal & Replacement Fund	90,894	71,132	162,027	62,141	45,500	45,500	45,500	45,500	45,500	45,500	497,168
Plant Expansion Fund - Wastewater	45,875	28,403	74,279	18,504	10,960	13,042	17,090	5,697	7,000	34,400	180,972
General Obligation Bonds	7,490	4,146	11,637	6,208	16,078	22,561	13,343	17,750	28,040	28,495	144,111
Wastewater Special Construction Fund	4,989	300	5,289	2,500	2,500	2,500	2,500	2,500	32,592	0	50,380
Future WASD Revenue Bonds	0	0	0	0	389,372	371,086	365,749	379,221	360,308	5,830,581	7,696,317
State Revolving Loans - Wastewater	10,269	9,619	19,888	0	0	0	0	0	0	0	19,888
Construction - 2010 Bonds	39,623	0	39,623	0	0	0	0	0	0	0	39,623
Miami Springs Construction Fund	807	60	866	148	312	0	0	0	0	0	1,326
Future Funding	0	0	0	0	0	0	0	0	0	1,236,048	1,236,048
S Construction - 2013 Bonds	127,754	37,631	165,385	0	0	0	0	0	0	0	165,385
2016 Wastewater Revenue Bonds Sold	0	0	0	182,603	0	0	0	0	0	0	182,603
WASD Wastewater Commercial Paper - 2015	0	217,133	217,133	139,829	0	0	0	0	0	0	356,962
Total	327,787	368,425	696,212	411,931	464,721	454,689	444,182	450,668	473,440	7,175,025	10,570,869

Prepared by Capital Planning and Coordination Section

Renewal and Replacement Fund, and Plant Expansion Fund have not been projected

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



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
164,489,228													
REVENUES													
	0	0	0	3,464,603	0	0	0	0	0	0	0	3,464,603	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	0	0	0	0	0	0	100,224,942	100,224,942	Future Funding
	0	0	0	0	8,868,138	6,053,486	4,199,601	4,078,253	3,180,000		32,820,000	59,199,478	Future WASD Revenue Bonds
	337,744	0	337,744	0	0	0	0	0	0	0	0	337,744	S Construction - 2013 Bonds
	0	1,262,461	1,262,461	0	0	0	0	0	0	0	0	1,262,461	WASD Wastewater Commercial Paper - 2015
TOTAL	337,744	1,262,461	1,600,205	3,464,603	8,868,138	6,053,486	4,199,601	4,078,253	3,180,000		133,044,942	164,489,228	
EXPENDITURES													
	0	0	0	3,464,603	0	0	0	0	0	0	0	3,464,603	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	0	0	0	0	0	0	100,224,942	100,224,942	Future Funding
	0	0	0	0	8,868,138	6,053,486	4,199,601	4,078,253	3,180,000		32,820,000	59,199,478	Future WASD Revenue Bonds
	0	337,744	337,744	0	0	0	0	0	0	0	0	337,744	S Construction - 2013 Bonds
	0	1,262,461	1,262,461	0	0	0	0	0	0	0	0	1,262,461	WASD Wastewater Commercial Paper - 2015
TOTAL	0	1,600,205	1,600,205	3,464,603	8,868,138	6,053,486	4,199,601	4,078,253	3,180,000		133,044,942	164,489,228	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
38,333,210														
REVENUES														
	0	0	0	5,346,969	0	0	0	0	0	0	0	5,346,969	2016 Wastewater Revenue Bonds Sold	
	0	0	0	0	0	0	0	0	0	0	8,500,000	8,500,000	Future Funding	
	0	0	0	0	8,521,967	5,713,556	3,616,832	1,900,042	108,126	0	19,860,523	19,860,523	Future WAST Revenue Bonds	
	2,532,820	0	2,532,820	0	0	0	0	0	0	0	2,532,820	2,532,820	S Construction - 2013 Bonds	
	0	2,092,898	2,092,898	0	0	0	0	0	0	0	2,092,898	2,092,898	WAST Wastewater Commercial Paper - 2015	
TOTAL	2,532,820	2,092,898	4,625,718	5,346,969	8,521,967	5,713,556	3,616,832	1,900,042	108,126	8,500,000	38,333,210			
EXPENDITURES														
	0	0	0	5,346,969	0	0	0	0	0	0	0	5,346,969	2016 Wastewater Revenue Bonds Sold	
	0	0	0	0	0	0	0	0	0	0	8,500,000	8,500,000	Future Funding	
	0	0	0	0	8,521,967	5,713,556	3,616,832	1,900,042	108,126	0	19,860,523	19,860,523	Future WAST Revenue Bonds	
	1,460,138	1,072,682	2,532,820	0	0	0	0	0	0	0	2,532,820	2,532,820	S Construction - 2013 Bonds	
	0	2,092,898	2,092,898	0	0	0	0	0	0	0	2,092,898	2,092,898	WAST Wastewater Commercial Paper - 2015	
TOTAL	1,460,138	3,165,580	4,625,718	5,346,969	8,521,967	5,713,556	3,616,832	1,900,042	108,126	8,500,000	38,333,210			



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
143,205,174														
REVENUES														
	0	0	0	7,053,449	0	0	0	0	0	0	0	7,053,449	2016 Wastewater Revenue Bonds Sold	
	0	0	0	0	7,723,931	15,622,792	15,167,589	11,392,503	11,500,000	73,000,000	134,406,815	Future WASD Revenue Bonds		
	0	1,744,910	1,744,910	0	0	0	0	0	0	0	1,744,910	WASD Wastewater Commercial Paper - 2015		
TOTAL	0	1,744,910	1,744,910	7,053,449	7,723,931	15,622,792	15,167,589	11,392,503	11,500,000	73,000,000	143,205,174			
EXPENDITURES														
	0	0	0	7,053,449	0	0	0	0	0	0	7,053,449	2016 Wastewater Revenue Bonds Sold		
	0	0	0	0	7,723,931	15,622,792	15,167,589	11,392,503	11,500,000	73,000,000	134,406,815	Future WASD Revenue Bonds		
	0	1,744,910	1,744,910	0	0	0	0	0	0	0	1,744,910	WASD Wastewater Commercial Paper - 2015		
TOTAL	0	1,744,910	1,744,910	7,053,449	7,723,931	15,622,792	15,167,589	11,392,503	11,500,000	73,000,000	143,205,174			



Miami-Dade Water and Sewer Department
 2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
225,500,000													
REVENUES													
	18,863,484	0	18,863,484	0	0	0	0	0	0	0	0	18,863,484	Construction - 2010 Bonds
	0	0	0	0	0	0	0	0	0	0	182,500,000	182,500,000	Future Funding
	0	0	0	0	2,000,000	4,000,000	3,000,000	1,000,000	0	0	0	10,000,000	Future WAST Revenue Bonds
	9,137,064	0	9,137,064	0	0	0	0	0	0	0	0	9,137,064	S Construction - 2013 Bonds
	0	4,999,452	4,999,452	0	0	0	0	0	0	0	0	4,999,452	WAST Wastewater Commercial Paper - 2015
TOTAL	28,000,548	4,999,452	33,000,000	0	2,000,000	4,000,000	3,000,000	1,000,000	0	0	182,500,000	225,500,000	
EXPENDITURES													
	18,863,484	0	18,863,484	0	0	0	0	0	0	0	0	18,863,484	Construction - 2010 Bonds
	0	0	0	0	0	0	0	0	0	0	182,500,000	182,500,000	Future Funding
	0	0	0	0	2,000,000	4,000,000	3,000,000	1,000,000	0	0	0	10,000,000	Future WAST Revenue Bonds
	9,137,064	0	9,137,064	0	0	0	0	0	0	0	0	9,137,064	S Construction - 2013 Bonds
	0	3,999,452	3,999,452	1,000,000	0	0	0	0	0	0	0	4,999,452	WAST Wastewater Commercial Paper - 2015
TOTAL	28,000,548	3,999,452	32,000,000	1,000,000	2,000,000	4,000,000	3,000,000	1,000,000	0	0	182,500,000	225,500,000	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
1,120,604,486													
REVENUES													
	0	0	0	6,843,189	0	0	0	0	0	0	0	6,843,189	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	0	0	0	0	0	599,196,999	599,196,999	Future Funding	
	0	0	0	0	13,057,519	2,929,474	22,363,063	33,305,772	45,822,956	383,338,834	500,817,618	Future WASD Revenue Bonds	
	223,639	503,460	727,099	1,079,690	1,068,519	2,781,090	4,695,844	0	0	0	10,352,242	Plant Expansion Fund - Wastewater	
	446,717	0	446,717	0	0	0	0	0	0	0	446,717	S Construction - 2013 Bonds	
	0	2,947,721	2,947,721	0	0	0	0	0	0	0	2,947,721	WASD Wastewater Commercial Paper - 2015	
TOTAL	670,356	3,451,181	4,121,537	7,922,879	14,126,038	5,710,564	27,058,907	33,305,772	45,822,956	982,535,833	1,120,604,486		
EXPENDITURES													
	0	0	0	6,843,189	0	0	0	0	0	0	0	6,843,189	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	0	0	0	0	0	599,196,999	599,196,999	Future Funding	
	0	0	0	0	13,057,519	2,929,474	22,363,063	33,305,772	45,822,956	383,338,834	500,817,618	Future WASD Revenue Bonds	
	0	727,099	727,099	1,079,690	1,068,519	2,781,090	4,695,844	0	0	0	10,352,242	Plant Expansion Fund - Wastewater	
	253,882	192,835	446,717	0	0	0	0	0	0	0	446,717	S Construction - 2013 Bonds	
	0	2,947,721	2,947,721	0	0	0	0	0	0	0	2,947,721	WASD Wastewater Commercial Paper - 2015	
TOTAL	253,882	3,867,655	4,121,537	7,922,879	14,126,038	5,710,564	27,058,907	33,305,772	45,822,956	982,535,833	1,120,604,486		



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
222,306,498													
REVENUES													
	0	0	0	7,126,958	0	0	0	0	0	0	0	7,126,958	2016 Wastewater Revenue Bonds Sold
	2,847,486	0	2,847,486	0	0	0	0	0	0	0	0	2,847,486	Construction - 2010 Bonds
	0	0	0	0	0	0	0	0	0	0	828,000	828,000	Future Funding
	0	0	0	0	17,359,651	17,450,027	18,582,940	19,420,662	13,429,977		55,255,715	141,498,972	Future WAST Revenue Bonds
	5,964,069	7,387,821	13,351,890	6,131,657	4,000,000	5,000,000	5,000,000	7,000,000	7,000,000		17,731,556	65,215,103	Plant Expansion Fund - Wastewater
	3,657,773	0	3,657,773	0	0	0	0	0	0	0	0	3,657,773	S Construction - 2013 Bonds
	0	1,132,206	1,132,206	0	0	0	0	0	0	0	0	1,132,206	WAST Wastewater Commercial Paper - 2015
TOTAL	12,469,328	8,520,027	20,989,355	13,258,615	21,359,651	22,450,027	23,582,940	26,420,662	20,429,977		73,815,271	222,306,498	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
EXPENDITURES													
	0	0	0	7,126,958	0	0	0	0	0	0	0	7,126,958	2016 Wastewater Revenue Bonds Sold
	2,847,486	0	2,847,486	0	0	0	0	0	0	0	0	2,847,486	Construction - 2010 Bonds
	0	0	0	0	0	0	0	0	0	0	828,000	828,000	Future Funding
	0	0	0	0	17,359,651	17,450,027	18,582,940	19,420,662	13,429,977		55,255,715	141,498,972	Future WAST Revenue Bonds
	1,085,390	2,916,150	4,001,540	3,824,767	2,846,856	3,100,341	4,344,288	5,697,311	7,000,000		34,400,000	65,215,103	Plant Expansion Fund - Wastewater
	2,070,631	1,587,143	3,657,774	0	0	0	0	0	0	0	0	3,657,774	S Construction - 2013 Bonds
	0	1,132,206	1,132,206	0	0	0	0	0	0	0	0	1,132,206	WAST Wastewater Commercial Paper - 2015
TOTAL	6,003,506	5,635,499	11,639,005	10,951,725	20,206,507	20,550,368	22,927,228	25,117,973	20,429,977		90,483,715	222,306,498	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1010. SOUTH DISTRICT WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9651061

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
308,441,201													
REVENUES													
	0	0	0	8,212,433	0	0	0	0	0	0	0	8,212,433	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	0	0	0	0	0	0	24,390,000	24,390,000	Future Funding
	0	0	0	0	18,268,977	23,917,213	28,323,816	23,161,919	17,910,848	160,934,057	272,516,830	272,516,830	Future WASD Revenue Bonds
	1,360,201	0	1,360,201	0	0	0	0	0	0	0	0	1,360,201	S Construction - 2013 Bonds
	0	1,961,737	1,961,737	0	0	0	0	0	0	0	0	1,961,737	WASD Wastewater Commercial Paper - 2015
TOTAL	1,360,201	1,961,737	3,321,938	8,212,433	18,268,977	23,917,213	28,323,816	23,161,919	17,910,848	185,324,057	308,441,201		
EXPENDITURES													
	0	0	0	8,212,433	0	0	0	0	0	0	0	8,212,433	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	0	0	0	0	0	0	24,390,000	24,390,000	Future Funding
	0	0	0	0	18,268,977	23,917,213	28,323,816	23,161,919	17,910,848	160,934,057	272,516,830	272,516,830	Future WASD Revenue Bonds
	190,182	1,170,019	1,360,201	0	0	0	0	0	0	0	0	1,360,201	S Construction - 2013 Bonds
	0	1,961,737	1,961,737	0	0	0	0	0	0	0	0	1,961,737	WASD Wastewater Commercial Paper - 2015
TOTAL	190,182	3,131,756	3,321,938	8,212,433	18,268,977	23,917,213	28,323,816	23,161,919	17,910,848	185,324,057	308,441,201		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1011. GRAVITY SEWER RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650201

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
13,731,176													
REVENUES													
	0	0	0	1,375,895	0	0	0	0	0	0	0	1,375,895	2016 Wastewater Revenue Bonds Sold
	3,991,282	0	3,991,282	0	0	0	0	0	0	0	0	3,991,282	Construction - 2010 Bonds
	0	0	0	0	1,258,452	1,050,000	650,000	350,000	224,112	0	0	3,532,564	Future WAST Revenue Bonds
	1,161,510	0	1,161,510	0	0	0	0	0	0	0	0	1,161,510	S Construction - 2013 Bonds
	0	3,669,925	3,669,925	0	0	0	0	0	0	0	0	3,669,925	WAST Wastewater Commercial Paper - 2015
TOTAL	5,152,792	3,669,925	8,822,717	1,375,895	1,258,452	1,050,000	650,000	350,000	224,112	0	0	13,731,176	
EXPENDITURES													
	0	0	0	1,375,895	0	0	0	0	0	0	0	1,375,895	2016 Wastewater Revenue Bonds Sold
	3,991,282	0	3,991,282	0	0	0	0	0	0	0	0	3,991,282	Construction - 2010 Bonds
	0	0	0	0	1,258,452	1,050,000	650,000	350,000	224,112	0	0	3,532,564	Future WAST Revenue Bonds
	1,161,510	0	1,161,510	0	0	0	0	0	0	0	0	1,161,510	S Construction - 2013 Bonds
	0	3,669,925	3,669,925	0	0	0	0	0	0	0	0	3,669,925	WAST Wastewater Commercial Paper - 2015
TOTAL	5,152,791	3,669,925	8,822,716	1,375,895	1,258,452	1,050,000	650,000	350,000	224,112	0	0	13,731,175	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1012. SANITARY SEWER SYSTEM IMPROVEMENTS
Commission District(s) Systemwide
OSBM No. 9650221

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
50,380,107													
REVENUES													
	50,080,107	300,000	50,380,107	0	0	0	0	0	0	0	0	50,380,107	Wastewater Special Construction Fund
TOTAL	50,080,107	300,000	50,380,107	0	0	0	0	0	0	0	0	50,380,107	
EXPENDITURES													
	4,988,598	300,000	5,288,598	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,591,509	0	0	50,380,107	Wastewater Special Construction Fund
TOTAL	4,988,598	300,000	5,288,598	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,591,509	0	0	50,380,107	



Miami-Dade Water and Sewer Department
 2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
161,179,413													
REVENUES													
	0	0	0	2,926,808	0	0	0	0	0	0	0	2,926,808	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	0	0	0	0	0	0	72,031,535	72,031,535	Future Funding
	0	0	0	0	7,450,969	12,265,000	13,207,754	12,653,832	8,184,465	0	31,000,000	84,762,020	Future WASTD Revenue Bonds
	1,320,540	0	1,320,540	0	0	0	0	0	0	0	0	1,320,540	S Construction - 2013 Bonds
	0	138,510	138,510	0	0	0	0	0	0	0	0	138,510	WASTD Wastewater Commercial Paper - 2015
TOTAL	1,320,540	138,510	1,459,050	2,926,808	7,450,969	12,265,000	13,207,754	12,653,832	8,184,465		103,031,535	161,179,413	
EXPENDITURES													
	0	0	0	2,926,808	0	0	0	0	0	0	0	2,926,808	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	0	0	0	0	0	0	72,031,535	72,031,535	Future Funding
	0	0	0	0	7,450,969	12,265,000	13,207,754	12,653,832	8,184,465	0	31,000,000	84,762,020	Future WASTD Revenue Bonds
	221,802	1,098,737	1,320,539	0	0	0	0	0	0	0	0	1,320,539	S Construction - 2013 Bonds
	0	138,510	138,510	0	0	0	0	0	0	0	0	138,510	WASTD Wastewater Commercial Paper - 2015
TOTAL	221,802	1,237,247	1,459,049	2,926,808	7,450,969	12,265,000	13,207,754	12,653,832	8,184,465		103,031,535	161,179,412	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1014. CORROSION CONTROL FACILITIES IMPROVEMENTS
Commission District(s) Systemwide
OSBM No. 9653381

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
7,488,337													
REVENUES													
	0	0	0	100,000	0	0	0	0	0	0	0	100,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	89,523	865,468	352,117	4,881,856	115,920	0	0	6,304,884	Future WAST Revenue Bonds
	1,083,453	0	1,083,453	0	0	0	0	0	0	0	0	1,083,453	S Construction - 2013 Bonds
TOTAL	1,083,453	0	1,083,453	100,000	89,523	865,468	352,117	4,881,856	115,920	0	0	7,488,337	
EXPENDITURES													
	0	0	0	100,000	0	0	0	0	0	0	0	100,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	89,523	865,468	352,117	4,881,856	115,920	0	0	6,304,884	Future WAST Revenue Bonds
	95,034	988,419	1,083,453	0	0	0	0	0	0	0	0	1,083,453	S Construction - 2013 Bonds
TOTAL	95,034	988,419	1,083,453	100,000	89,523	865,468	352,117	4,881,856	115,920	0	0	7,488,337	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1015. PUMP STATION IMPROVEMENTS PROGRAM
Commission District(s) Systemwide
OSBM No. 9651071

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
346,606,724													
REVENUES													
	0	0	0	12,544,793	0	0	0	0	0	0	0	12,544,793	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	27,084,804	27,972,586	4,610,512	4,535,637	4,535,637	166,312,017	235,051,193	Future WAST Revenue Bonds	
	10,000,000	3,000,000	13,000,000	11,300,000	7,000,000	8,055,983	0	0	0	0	39,355,983	Plant Expansion Fund - Wastewater	
	13,449,951	0	13,449,951	0	0	0	0	0	0	0	13,449,951	S Construction - 2013 Bonds	
	0	46,204,804	46,204,804	0	0	0	0	0	0	0	46,204,804	WAST Wastewater Commercial Paper - 2015	
TOTAL	23,449,951	49,204,804	72,654,755	23,844,793	34,084,804	36,028,569	4,610,512	4,535,637	4,535,637	166,312,017	346,606,724		
EXPENDITURES													
	0	0	0	12,544,793	0	0	0	0	0	0	12,544,793	2016 Wastewater Revenue Bonds Sold	
	0	0	0	0	27,084,804	27,972,586	4,610,512	4,535,637	4,535,637	166,312,017	235,051,193	Future WAST Revenue Bonds	
	0	9,990,109	9,990,109	7,110,420	7,044,812	7,160,642	8,050,000	0	0	0	39,355,983	Plant Expansion Fund - Wastewater	
	13,449,951	0	13,449,951	0	0	0	0	0	0	0	13,449,951	S Construction - 2013 Bonds	
	0	33,445,149	33,445,149	12,759,655	0	0	0	0	0	0	46,204,804	WAST Wastewater Commercial Paper - 2015	
TOTAL	13,449,951	43,435,258	56,885,209	32,414,868	34,129,616	35,133,228	12,660,512	4,535,637	4,535,637	166,312,017	346,606,724		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1018. PEAK FLOW MANAGEMENT FACILITIES
Commission District(s) Systemwide
OSBM No. 9653371

Budget/ Estimate Cost	Prior			Projections										Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total			
592,171,725														
REVENUES														
	0	0	0	18,537,222	0	0	0	0	0	0	0	18,537,222	2016 Wastewater Revenue Bonds Sold	
	0	0	0	0	14,103,608	9,207,951	29,274,036	16,013,775	10,219,543	432,468,920	511,287,833	Future WASD Revenue Bonds		
	37,283,801	258,345	37,542,146	0	0	0	0	0	0	0	37,542,146	Plant Expansion Fund - Wastewater		
	0	24,804,524	24,804,524	0	0	0	0	0	0	0	24,804,524	WASD Wastewater Commercial Paper - 2015		
TOTAL	37,283,801	25,062,869	62,346,670	18,537,222	14,103,608	9,207,951	29,274,036	16,013,775	10,219,543	432,468,920	592,171,725			
EXPENDITURES														
	0	0	0	18,537,222	0	0	0	0	0	0	18,537,222	2016 Wastewater Revenue Bonds Sold		
	0	0	0	0	14,103,608	9,207,951	29,274,036	16,013,775	10,219,543	432,468,920	511,287,833	Future WASD Revenue Bonds		
	37,283,800	258,345	37,542,145	0	0	0	0	0	0	0	37,542,145	Plant Expansion Fund - Wastewater		
	0	23,116,034	23,116,034	1,688,490	0	0	0	0	0	0	24,804,524	WASD Wastewater Commercial Paper - 2015		
TOTAL	37,283,800	23,374,379	60,658,179	20,225,712	14,103,608	9,207,951	29,274,036	16,013,775	10,219,543	432,468,920	592,171,724			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1019. SANITARY SEWER SYSTEM EXTENSION
Commission District(s) Systemwide
OSBM No. 9653281

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
243,601,101													
REVENUES													
	0	0	0	2,660,342	0	0	0	0	0	0	0	2,660,342	2016 Wastewater Revenue Bonds Sold
	2,435,015	0	2,435,015	0	0	0	0	0	0	0	0	2,435,015	Construction - 2010 Bonds
	0	0	0	0	0	0	0	0	0	0	190,133,491	190,133,491	Future Funding
	0	0	0	0	2,113,135	4,113,135	3,038,444	0	0	0	0	9,264,714	Future WASD Revenue Bonds
	9,555,535	0	9,555,535	0	0	0	0	0	0	0	0	9,555,535	S Construction - 2013 Bonds
	0	2,113,135	2,113,135	0	0	0	0	0	0	0	0	2,113,135	WASD Wastewater Commercial Paper - 2015
	10,734,869	0	10,734,869	7,704,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	27,438,869	Wastewater Renewal & Replacement Fund
TOTAL	22,725,419	2,113,135	24,838,554	10,364,342	3,613,135	5,613,135	4,538,444	1,500,000	1,500,000		191,633,491	243,601,101	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1019. SANITARY SEWER SYSTEM EXTENSION
Commission District(s) Systemwide
OSBM No. 9653281

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
EXPENDITURES													
	0	0	0	2,660,342	0	0	0	0	0	0	0	2,660,342	2016 Wastewater Revenue Bonds Sold
	2,435,015	0	2,435,015	0	0	0	0	0	0	0	0	2,435,015	Construction - 2010 Bonds
	0	0	0	0	0	0	0	0	0	0	190,133,491	190,133,491	Future Funding
	0	0	0	0	2,113,135	4,113,135	3,038,444	0	0	0	0	9,264,714	Future WASD Revenue Bonds
	3,263,274	6,292,261	9,555,535	0	0	0	0	0	0	0	0	9,555,535	S Construction - 2013 Bonds
	0	2,113,135	2,113,135	0	0	0	0	0	0	0	0	2,113,135	WASD Wastewater Commercial Paper - 2015
	7,706,937	2,827,932	10,534,869	7,904,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	27,438,869	Wastewater Renewal & Replacement Fund
TOTAL	13,405,227	11,233,328	24,638,555	10,564,342	3,613,135	5,613,135	4,538,444	1,500,000	1,500,000		191,633,491	243,601,102	



Miami-Dade Water and Sewer Department

2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
105,068,154														
REVENUES														
	0	0	0	3,674,994	0	0	0	0	0	0	0	3,674,994	2016 Wastewater Revenue Bonds Sold	
	0	0	0	0	7,194,119	16,023,901	13,805,765	49,735,059	11,879,682	351,200	98,989,726	Future WAST Revenue Bonds		
	648,689	0	648,689	0	0	0	0	0	0	0	648,689	S Construction - 2013 Bonds		
	0	1,754,745	1,754,745	0	0	0	0	0	0	0	1,754,745	WAST Wastewater Commercial Paper - 2015		
TOTAL	648,689	1,754,745	2,403,434	3,674,994	7,194,119	16,023,901	13,805,765	49,735,059	11,879,682	351,200	105,068,154			
EXPENDITURES														
	0	0	0	3,674,994	0	0	0	0	0	0	3,674,994	2016 Wastewater Revenue Bonds Sold		
	0	0	0	0	7,194,119	16,023,901	13,805,765	49,735,059	11,879,682	351,200	98,989,726	Future WAST Revenue Bonds		
	424,602	224,087	648,689	0	0	0	0	0	0	0	648,689	S Construction - 2013 Bonds		
	0	1,754,745	1,754,745	0	0	0	0	0	0	0	1,754,745	WAST Wastewater Commercial Paper - 2015		
TOTAL	424,602	1,978,832	2,403,434	3,674,994	7,194,119	16,023,901	13,805,765	49,735,059	11,879,682	351,200	105,068,154			



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
8,086,786													
REVENUES													
	0	0	0	578,707	0	0	0	0	0	0	0	578,707	2016 Wastewater Revenue Bonds Sold
	1,375,711	0	1,375,711	0	0	0	0	0	0	0	0	1,375,711	Construction - 2010 Bonds
	0	700,000	700,000	0	0	0	0	0	0	0	0	700,000	WASD Wastewater Commercial Paper - 2015
	2,187,368	245,000	2,432,368	0	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,432,368	Wastewater Renewal & Replacement Fund
TOTAL	3,563,079	945,000	4,508,079	578,707	500,000	500,000	500,000	500,000	500,000	500,000	500,000	8,086,786	
EXPENDITURES													
	0	0	0	578,707	0	0	0	0	0	0	0	578,707	2016 Wastewater Revenue Bonds Sold
	1,375,711	0	1,375,711	0	0	0	0	0	0	0	0	1,375,711	Construction - 2010 Bonds
	0	700,000	700,000	0	0	0	0	0	0	0	0	700,000	WASD Wastewater Commercial Paper - 2015
	141,370	1,010,000	1,151,370	1,280,998	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,432,368	Wastewater Renewal & Replacement Fund
TOTAL	1,517,081	1,710,000	3,227,081	1,859,705	500,000	500,000	500,000	500,000	500,000	500,000	500,000	8,086,786	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
180,002,533													
REVENUES													
	3,187,825	0	3,187,825	0	0	0	0	0	0	0	0	3,187,825	Construction - 2010 Bonds
	22,771,767	15,614,500	38,386,267	18,428,441	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	176,814,708	Wastewater Renewal & Replacement Fund
TOTAL	25,959,592	15,614,500	41,574,092	18,428,441	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	180,002,533	
EXPENDITURES													
	3,187,825	0	3,187,825	0	0	0	0	0	0	0	0	3,187,825	Construction - 2010 Bonds
	22,771,767	15,614,500	38,386,267	18,428,441	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	176,814,708	Wastewater Renewal & Replacement Fund
TOTAL	25,959,592	15,614,500	41,574,092	18,428,441	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	180,002,533	



Miami-Dade Water and Sewer Department
 2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
72,781,720														
REVENUES														
	0	0	0	2,500,000	0	0	0	0	0	0	0	2,500,000	2016 Wastewater Revenue Bonds Sold	
	2,008,975	0	2,008,975	0	0	0	0	0	0	0	0	2,008,975	Construction - 2010 Bonds	
	0	0	0	0	3,057,529	4,500,000	4,049,128	4,500,000	4,171,626	29,000,000	49,278,283	Future WASD Revenue Bonds		
	0	650,000	650,000	0	0	0	0	0	0	0	650,000	WASD Wastewater Commercial Paper - 2015		
	4,084,462	2,260,000	6,344,462	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,344,462	Wastewater Renewal & Replacement Fund		
TOTAL	6,093,437	2,910,000	9,003,437	2,500,000	5,057,529	6,500,000	6,049,128	6,500,000	6,171,626	31,000,000	72,781,720			
EXPENDITURES														
	0	0	0	2,500,000	0	0	0	0	0	0	2,500,000	2016 Wastewater Revenue Bonds Sold		
	2,008,976	0	2,008,976	0	0	0	0	0	0	0	2,008,976	Construction - 2010 Bonds		
	0	0	0	0	3,057,529	4,500,000	4,049,128	4,500,000	4,171,626	29,000,000	49,278,283	Future WASD Revenue Bonds		
	0	650,000	650,000	0	0	0	0	0	0	0	650,000	WASD Wastewater Commercial Paper - 2015		
	4,024,462	2,260,000	6,284,462	60,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,344,462	Wastewater Renewal & Replacement Fund		
TOTAL	6,033,438	2,910,000	8,943,438	2,560,000	5,057,529	6,500,000	6,049,128	6,500,000	6,171,626	31,000,000	72,781,721			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1027. WASTEWATER EQUIPMENT AND VEHICLES
Commission District(s) Systemwide
OSBM No. 9650301

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
123,367,904													
REVENUES													
	551,811	0	551,811	0	0	0	0	0	0	0	0	551,811	S Construction - 2013 Bonds
	25,509,436	15,871,017	41,380,453	12,435,640	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	122,816,093	Wastewater Renewal & Replacement Fund
TOTAL	26,061,247	15,871,017	41,932,264	12,435,640	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	123,367,904	
EXPENDITURES													
	0	551,811	551,811	0	0	0	0	0	0	0	0	551,811	S Construction - 2013 Bonds
	20,627,282	14,696,017	35,323,299	18,492,794	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	122,816,093	Wastewater Renewal & Replacement Fund
TOTAL	20,627,282	15,247,828	35,875,110	18,492,794	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	123,367,904	



Miami-Dade Water and Sewer Department

2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
149,463,002														
REVENUES														
	0	0	0	608,333	0	0	0	0	0	0	0	608,333	2016 Wastewater Revenue Bonds Sold	
	771,190	0	771,190	0	0	0	0	0	0	0	0	771,190	Construction - 2010 Bonds	
	0	0	0	0	0	0	0	0	0	0	51,650,000	51,650,000	Future Funding	
	0	0	0	0	608,333	3,526,484	0	0	0	0	0	4,134,817	Future WASD Revenue Bonds	
	3,051	0	3,051	0	0	0	0	0	0	0	0	3,051	S Construction - 2013 Bonds	
	0	608,333	608,333	0	0	0	0	0	0	0	0	608,333	WASD Wastewater Commercial Paper - 2015	
	30,575,501	7,408,111	37,983,612	11,703,666	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	91,687,278	Wastewater Renewal & Replacement Fund	
TOTAL	31,349,742	8,016,444	39,366,186	12,311,999	7,608,333	10,526,484	7,000,000	7,000,000	7,000,000	7,000,000	58,650,000	149,463,002		



Miami-Dade Water and Sewer Department

2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
EXPENDITURES													
	0	0	0	608,333	0	0	0	0	0	0	0	608,333	2016 Wastewater Revenue Bonds Sold
	771,190	0	771,190	0	0	0	0	0	0	0	0	771,190	Construction - 2010 Bonds
	0	0	0	0	0	0	0	0	0	0	51,650,000	51,650,000	Future Funding
	0	0	0	0	608,333	3,526,484	0	0	0	0	0	4,134,817	Future WASD Revenue Bonds
	3,051	0	3,051	0	0	0	0	0	0	0	0	3,051	S Construction - 2013 Bonds
	0	608,333	608,333	0	0	0	0	0	0	0	0	608,333	WASD Wastewater Commercial Paper - 2015
	12,913,778	23,799,000	36,712,778	12,974,500	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	91,687,278	Wastewater Renewal & Replacement Fund
TOTAL	13,688,019	24,407,333	38,095,352	13,582,833	7,608,333	10,526,484	7,000,000	7,000,000	7,000,000	58,650,000	149,463,002		



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
14,300,000													
REVENUES													
	0	0	0	619,341	0	0	0	0	0	0	0	619,341	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	0	0	0	0	0	0	6,593,297	6,593,297	Future Funding
	0	0	0	0	688,743	288,424	3,793,312	160,180	906,703	0	0	5,837,362	Future WASD Revenue Bonds
	1,250,000	0	1,250,000	0	0	0	0	0	0	0	0	1,250,000	S Construction - 2013 Bonds
TOTAL	1,250,000	0	1,250,000	619,341	688,743	288,424	3,793,312	160,180	906,703	6,593,297	14,300,000		
EXPENDITURES													
	0	0	0	619,341	0	0	0	0	0	0	0	619,341	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	0	0	0	0	0	0	6,593,297	6,593,297	Future Funding
	0	0	0	0	688,743	288,424	3,793,312	160,180	906,703	0	0	5,837,362	Future WASD Revenue Bonds
	0	1,250,000	1,250,000	0	0	0	0	0	0	0	0	1,250,000	S Construction - 2013 Bonds
TOTAL	0	1,250,000	1,250,000	619,341	688,743	288,424	3,793,312	160,180	906,703	6,593,297	14,300,000		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1039. MIAMI SPRINGS CONSTRUCTION FUND - WASTEWATER
Commission District(s) 6
OSBM No. 969110

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
1,326,105													
REVENUES													
	1,326,105	0	1,326,105	0	0	0	0	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL	1,326,105	0	1,326,105	0	0	0	0	0	0	0	0	1,326,105	
EXPENDITURES													
	806,952	59,515	866,467	147,943	311,695	0	0	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL	806,952	59,515	866,467	147,943	311,695	0	0	0	0	0	0	1,326,105	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1040. OUTFALL LEGISLATION
Commission District(s) Systemwide
OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
3,694,404,809													
REVENUES													
	0	0	0	11,793,298	0	0	0	0	0	0	0	11,793,298	2016 Wastewater Revenue Bonds Sold
	344,254	0	344,254	0	0	0	0	0	0	0	0	344,254	Construction - 2010 Bonds
	0	0	0	0	44,788,648	52,571,723	63,205,911	72,847,615	107,726,266	3,255,334,412	3,596,474,575	Future WAST Revenue Bonds	
	25,542	6,022,475	6,048,017	0	0	0	0	0	0	0	0	6,048,017	Plant Expansion Fund - Wastewater
	18,181,260	0	18,181,260	0	0	0	0	0	0	0	0	18,181,260	S Construction - 2013 Bonds
	10,268,806	9,619,081	19,887,887	0	0	0	0	0	0	0	0	19,887,887	State Revolving Loans - Wastewater
	0	41,675,518	41,675,518	0	0	0	0	0	0	0	0	41,675,518	WAST Wastewater Commercial Paper - 2015
TOTAL	28,819,862	57,317,074	86,136,936	11,793,298	44,788,648	52,571,723	63,205,911	72,847,615	107,726,266	3,255,334,412	3,694,404,809		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1040. OUTFALL LEGISLATION
Commission District(s) Systemwide
OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
EXPENDITURES														
	0	0	0	11,793,298	0	0	0	0	0	0	0	11,793,298	2016 Wastewater Revenue Bonds Sold	
	344,254	0	344,254	0	0	0	0	0	0	0	0	344,254	Construction - 2010 Bonds	
	0	0	0	0	44,788,648	52,571,723	63,205,911	72,847,615	107,726,266	3,255,334,412	3,596,474,575	Future WAST Revenue Bonds		
	25,542	6,022,475	6,048,017	0	0	0	0	0	0	0	0	6,048,017	Plant Expansion Fund - Wastewater	
	14,260,421	3,920,839	18,181,260	0	0	0	0	0	0	0	0	18,181,260	S Construction - 2013 Bonds	
	10,268,806	9,619,081	19,887,887	0	0	0	0	0	0	0	0	19,887,887	State Revolving Loans - Wastewater	
	0	14,651,848	14,651,848	27,023,670	0	0	0	0	0	0	0	41,675,518	WAST Wastewater Commercial Paper - 2015	
TOTAL	24,899,023	34,214,243	59,113,266	38,816,968	44,788,648	52,571,723	63,205,911	72,847,615	107,726,266	3,255,334,412	3,694,404,809			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1041. GENERAL OBLIGATION BOND (GOB)
Commission District(s) Systemwide
OSBM No. 222222

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
18,111,271														
REVENUES														
	7,490,126	2,083,854	9,573,980	2,572,038	1,993,596	1,378,346	1,513,714	437,339	40,000	602,258	18,111,271	General Obligation Bonds		
TOTAL	7,490,126	2,083,854	9,573,980	2,572,038	1,993,596	1,378,346	1,513,714	437,339	40,000	602,258	18,111,271			
EXPENDITURES														
	7,490,126	2,083,854	9,573,980	2,572,038	1,993,596	1,378,346	1,513,714	437,339	40,000	602,258	18,111,271	General Obligation Bonds		
TOTAL	7,490,126	2,083,854	9,573,980	2,572,038	1,993,596	1,378,346	1,513,714	437,339	40,000	602,258	18,111,271			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1042. WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS
Commission District(s) Systemwide
OSBM No. 968750

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
30,370,157													
REVENUES													
	1,437,623	0	1,437,623	0	0	0	0	0	0	0	0	1,437,623	Construction - 2010 Bonds
	9,932,534	1,000,000	10,932,534	0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	28,932,534	Wastewater Renewal & Replacement Fund
TOTAL	11,370,157	1,000,000	12,370,157	0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	30,370,157	
EXPENDITURES													
	1,437,623	0	1,437,623	0	0	0	0	0	0	0	0	1,437,623	Construction - 2010 Bonds
	5,932,534	2,000,000	7,932,534	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	28,932,534	Wastewater Renewal & Replacement Fund
TOTAL	7,370,157	2,000,000	9,370,157	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	30,370,157	



Miami-Dade Water and Sewer Department
2016 - 2022 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								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
1,682,568,976													
REVENUES													
	0	0	0	59,544,232	0	0	0	0	0	0	0	59,544,232	2016 Wastewater Revenue Bonds Sold
	2,353,639	0	2,353,639	0	0	0	0	0	0	0	0	2,353,639	Construction - 2010 Bonds
	0	0	0	0	111,162,220	96,624,118	93,373,563	91,217,606	101,119,267	939,289,093	1,432,785,867	Future WASD Revenue Bonds	
	46,235,944	0	46,235,944	0	0	0	0	0	0	0	0	46,235,944	S Construction - 2013 Bonds
	85,850	0	85,850	0	0	0	0	0	0	0	0	85,850	WASD Revenue Bonds Sold
	0	123,944,418	123,944,418	0	0	0	0	0	0	0	0	123,944,418	WASD Wastewater Commercial Paper - 2015
	15,378,374	2,240,652	17,619,026	0	0	0	0	0	0	0	0	17,619,026	Wastewater Renewal & Replacement Fund
TOTAL	64,053,807	126,185,070	190,238,877	59,544,232	111,162,220	96,624,118	93,373,563	91,217,606	101,119,267	939,289,093	1,682,568,976		



Miami-Dade Water and Sewer Department
2016 - 2022 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								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
EXPENDITURES													
	0	0	0	59,544,232	0	0	0	0	0	0	0	59,544,232	2016 Wastewater Revenue Bonds Sold
	2,353,639	0	2,353,639	0	0	0	0	0	0	0	0	2,353,639	Construction - 2010 Bonds
	0	0	0	0	111,162,220	96,624,118	93,373,563	91,217,606	101,119,267	939,289,093	1,432,785,867	Future WASD Revenue Bonds	
	36,332,508	9,903,435	46,235,943	0	0	0	0	0	0	0	0	46,235,943	S Construction - 2013 Bonds
	85,850	0	85,850	0	0	0	0	0	0	0	0	85,850	WASD Revenue Bonds Sold
	0	70,423,899	70,423,899	53,520,519	0	0	0	0	0	0	0	123,944,418	WASD Wastewater Commercial Paper - 2015
	11,819,025	5,800,001	17,619,026	0	0	0	0	0	0	0	0	17,619,026	Wastewater Renewal & Replacement Fund
TOTAL	50,591,021	86,127,335	136,718,356	113,064,751	111,162,220	96,624,118	93,373,563	91,217,606	101,119,267	939,289,093	1,682,568,974		



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
442,153,970													
REVENUES													
	0	0	0	7,223,276	0	0	0	0	0	0	0	7,223,276	2016 Wastewater Revenue Bonds Sold
	6,589	0	6,589	0	0	0	0	0	0	0	0	6,589	Construction - 2010 Bonds
	0	0	0	0	54,199,470	42,277,157	20,770,247	15,023,363	15,273,363	136,984,124	284,527,724	Future WASD Revenue Bonds	
	8,000,000	8,489,006	16,489,006	4,963,774	0	0	0	0	0	0	21,452,780	Plant Expansion Fund - Wastewater	
	42,638,408	0	42,638,408	0	0	0	0	0	0	0	42,638,408	S Construction - 2013 Bonds	
	0	78,223,012	78,223,012	0	0	0	0	0	0	0	78,223,012	WASD Wastewater Commercial Paper - 2015	
	8,082,181	0	8,082,181	0	0	0	0	0	0	0	8,082,181	Wastewater Renewal & Replacement Fund	
TOTAL	58,727,178	86,712,018	145,439,196	12,187,050	54,199,470	42,277,157	20,770,247	15,023,363	15,273,363	136,984,124	442,153,970		



Miami-Dade Water and Sewer Department

2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
EXPENDITURES													
	0	0	0	7,223,276	0	0	0	0	0	0	0	7,223,276	2016 Wastewater Revenue Bonds Sold
	6,589	0	6,589	0	0	0	0	0	0	0	0	6,589	Construction - 2010 Bonds
	0	0	0	0	54,199,470	42,277,157	20,770,247	15,023,363	15,273,363	136,984,124	284,527,724	Future WASD Revenue Bonds	
	6,474,768	8,489,006	14,963,774	6,489,006	0	0	0	0	0	0	21,452,780	Plant Expansion Fund - Wastewater	
	37,763,952	4,874,456	42,638,408	0	0	0	0	0	0	0	42,638,408	S Construction - 2013 Bonds	
	0	38,663,915	38,663,915	39,559,097	0	0	0	0	0	0	78,223,012	WASD Wastewater Commercial Paper - 2015	
	4,957,292	3,124,889	8,082,181	0	0	0	0	0	0	0	8,082,181	Wastewater Renewal & Replacement Fund	
TOTAL	49,202,601	55,152,266	104,354,867	53,271,379	54,199,470	42,277,157	20,770,247	15,023,363	15,273,363	136,984,124	442,153,970		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
130,912,219													
REVENUES													
	0	0	0	19,307,065	0	0	0	0	0	0	0	19,307,065	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	38,890,477	23,678,351	15,000,000	7,183,541	1,000,000	0	0	85,752,369	Future WAST Revenue Bonds
	1,005,978	0	1,005,978	0	0	0	0	0	0	0	0	1,005,978	Plant Expansion Fund - Wastewater
	8,513,114	0	8,513,114	0	0	0	0	0	0	0	0	8,513,114	S Construction - 2013 Bonds
	0	16,333,693	16,333,693	0	0	0	0	0	0	0	0	16,333,693	WAST Wastewater Commercial Paper - 2015
TOTAL	9,519,092	16,333,693	25,852,785	19,307,065	38,890,477	23,678,351	15,000,000	7,183,541	1,000,000	0	0	130,912,219	
EXPENDITURES													
	0	0	0	19,307,065	0	0	0	0	0	0	0	19,307,065	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	38,890,477	23,678,351	15,000,000	7,183,541	1,000,000	0	0	85,752,369	Future WAST Revenue Bonds
	1,005,978	0	1,005,978	0	0	0	0	0	0	0	0	1,005,978	Plant Expansion Fund - Wastewater
	7,538,205	974,909	8,513,114	0	0	0	0	0	0	0	0	8,513,114	S Construction - 2013 Bonds
	0	12,056,526	12,056,526	4,277,167	0	0	0	0	0	0	0	16,333,693	WAST Wastewater Commercial Paper - 2015
TOTAL	8,544,182	13,031,435	21,575,617	23,584,232	38,890,477	23,678,351	15,000,000	7,183,541	1,000,000	0	0	130,912,218	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
279,913,152														
REVENUES														
	0	0	0	560,799	0	0	0	0	0	0	0	560,799	2016 Wastewater Revenue Bonds Sold	
	0	0	0	0	881,681	434,891	5,364,223	5,859,137	3,000,000	134,492,992	150,032,924	Future WASD Revenue Bonds		
	0	2,062,595	2,062,595	3,635,471	14,083,939	21,182,447	11,829,271	17,313,050	28,000,000	27,893,227	126,000,000	General Obligation Bonds		
	3,319,429	0	3,319,429	0	0	0	0	0	0	0	3,319,429	S Construction - 2013 Bonds		
TOTAL	3,319,429	2,062,595	5,382,024	4,196,270	14,965,620	21,617,338	17,193,494	23,172,187	31,000,000	162,386,219	279,913,152			
EXPENDITURES														
	0	0	0	560,799	0	0	0	0	0	0	560,799	2016 Wastewater Revenue Bonds Sold		
	0	0	0	0	881,681	434,891	5,364,223	5,859,137	3,000,000	134,492,992	150,032,924	Future WASD Revenue Bonds		
	0	2,062,595	2,062,595	3,635,471	14,083,939	21,182,447	11,829,271	17,313,050	28,000,000	27,893,227	126,000,000	General Obligation Bonds		
	127,322	3,192,107	3,319,429	0	0	0	0	0	0	0	3,319,429	S Construction - 2013 Bonds		
TOTAL	127,322	5,254,702	5,382,024	4,196,270	14,965,620	21,617,338	17,193,494	23,172,187	31,000,000	162,386,219	279,913,152			

Total Revenues:	10,570,869,137	466,018,602	441,327,919	907,346,521	262,557,083	463,017,948	454,983,603	434,287,682	449,471,141	440,848,491	7,158,356,669	10,570,869,138
Total Expenditures:		327,786,858	368,425,456	696,212,314	411,931,372	464,721,311	454,688,603	444,181,970	450,668,452	473,440,000	7,175,025,113	10,570,869,135

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



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	164,489,228												
REVENUES													
		0	0	0	3,464,603	0	0	0	0	0	0	3,464,603	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	0	0	0	0	0	100,224,942	100,224,942	Future Funding
		0	0	0	0	8,868,138	6,053,486	4,199,601	4,078,253	3,180,000	32,820,000	59,199,478	Future WAST Revenue Bonds
		337,744	0	337,744	0	0	0	0	0	0	0	337,744	S Construction - 2013 Bonds
		0	1,262,461	1,262,461	0	0	0	0	0	0	0	1,262,461	WAST Wastewater Commercial Paper - 2015
TOTAL		337,744.0	1,262,461	1,600,205	3,464,603.0	8,868,138	6,053,486	4,199,601	4,078,253	3,180,000	133,044,942	164,489,228	
EXPENDITURES													
		0	0	0	3,464,603	0	0	0	0	0	0	3,464,603	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	0	0	0	0	0	100,224,942	100,224,942	Future Funding
		0	0	0	0	8,868,138	6,053,486	4,199,601	4,078,253	3,180,000	32,820,000	59,199,478	Future WAST Revenue Bonds
		0	337,744	337,744	0	0	0	0	0	0	0	337,744	S Construction - 2013 Bonds
		0	1,262,461	1,262,461	0	0	0	0	0	0	0	1,262,461	WAST Wastewater Commercial Paper - 2015
TOTAL		0.0	1,600,205	1,600,205	3,464,603.0	8,868,138	6,053,486	4,199,601	4,078,253	3,180,000	133,044,942	164,489,228	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.101638 S NDWWTP - INJECTION WELLS PS UPGRADE

Commission District(s) 4

Sub-Project Budget / Estimated 30,000,001

REVENUES

0	0	0	423,229	0	0	0	0	0	0	0	423,229	2016 Wastewater Revenue Bonds Sold
0	0	0	0	1,799,731	2,499,187	3,199,601	4,078,253	3,000,000	15,000,000	29,576,772	Future WAST Revenue Bonds	

TOTAL

0	0	0	423,229	1,799,731	2,499,187	3,199,601	4,078,253	3,000,000	15,000,000	30,000,001
---	---	---	---------	-----------	-----------	-----------	-----------	-----------	------------	------------

EXPENDITURES

0	0	0	423,229	0	0	0	0	0	0	0	423,229	2016 Wastewater Revenue Bonds Sold
0	0	0	0	1,799,731	2,499,187	3,199,601	4,078,253	3,000,000	15,000,000	29,576,772	Future WAST Revenue Bonds	

TOTAL

0	0	0	423,229	1,799,731	2,499,187	3,199,601	4,078,253	3,000,000	15,000,000	30,000,001
---	---	---	---------	-----------	-----------	-----------	-----------	-----------	------------	------------



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.101947 S NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.													
Commission District(s) 4													
Sub-Project Budget / Estimated	8,957,309												
REVENUES													
	0	0	0	1,408,256	0	0	0	0	0	0	0	1,408,256	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	3,194,754	2,554,299	1,000,000	0	0	0	0	6,749,053	Future WASD Revenue Bonds
	100,000	0	100,000	0	0	0	0	0	0	0	0	100,000	S Construction - 2013 Bonds
	0	700,000	700,000	0	0	0	0	0	0	0	0	700,000	WASD Wastewater Commercial Paper - 2015
TOTAL	100,000	700,000	800,000	1,408,256	3,194,754	2,554,299	1,000,000	0	0	0	0	8,957,309	
EXPENDITURES													
	0	0	0	1,408,256	0	0	0	0	0	0	0	1,408,256	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	3,194,754	2,554,299	1,000,000	0	0	0	0	6,749,053	Future WASD Revenue Bonds
	0	100,000	100,000	0	0	0	0	0	0	0	0	100,000	S Construction - 2013 Bonds
	0	700,000	700,000	0	0	0	0	0	0	0	0	700,000	WASD Wastewater Commercial Paper - 2015
TOTAL	0	800,000	800,000	1,408,256	3,194,754	2,554,299	1,000,000	0	0	0	0	8,957,309	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total			

.102097 S CHEMICALLY ENHANCED PRIMARY TREATMENT AT NDWWTP

Commission District(s) 4

Sub-Project Budget / Estimated 18,000,000

REVENUES

	0	0	0	0	0	0	0	0	0	180,000	17,820,000	18,000,000	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---	---	---------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	0	0	0	0	180,000	17,820,000	18,000,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	-------------------	-------------------	--

EXPENDITURES

	0	0	0	0	0	0	0	0	0	180,000	17,820,000	18,000,000	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---	---	---------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	0	0	0	0	180,000	17,820,000	18,000,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102147 S NDWWTP CONSTRUCTION MANAGEMENT OFFICE													
Commission District(s) 4													
Sub-Project Budget / Estimated	7,306,976												
REVENUES													
	0	0	0	1,633,118	0	0	0	0	0	0	0	1,633,118	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	3,873,653	1,000,000	0	0	0	0	0	4,873,653	Future WAST Revenue Bonds
	237,744	0	237,744	0	0	0	0	0	0	0	0	237,744	S Construction - 2013 Bonds
	0	562,461	562,461	0	0	0	0	0	0	0	0	562,461	WAST Wastewater Commercial Paper - 2015
TOTAL	237,744	562,461	800,205	1,633,118	3,873,653	1,000,000	0	0	0	0	0	7,306,976	
EXPENDITURES													
	0	0	0	1,633,118	0	0	0	0	0	0	0	1,633,118	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	3,873,653	1,000,000	0	0	0	0	0	4,873,653	Future WAST Revenue Bonds
	0	237,744	237,744	0	0	0	0	0	0	0	0	237,744	S Construction - 2013 Bonds
	0	562,461	562,461	0	0	0	0	0	0	0	0	562,461	WAST Wastewater Commercial Paper - 2015
TOTAL	0	800,205	800,205	1,633,118	3,873,653	1,000,000	0	0	0	0	0	7,306,976	



Miami-Dade Water and Sewer Department
 2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102148 S NDWWTP INDUSTRIAL INJECTION WASTE WELLS (NE-5)

Commission District(s) 4

Sub-Project Budget / Estimated 46,022,460

REVENUES

	0	0	0	0	0	0	0	0	0	0	46,022,460	46,022,460	Future Funding
TOTAL	0	0	0	0	0	0	0	0	0	0	46,022,460	46,022,460	

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	46,022,460	46,022,460	Future Funding
TOTAL	0	0	0	0	0	0	0	0	0	0	46,022,460	46,022,460	

.102149 S NDWWTP INDUSTRIAL PUMP STATION (NE-4)

Commission District(s) 4

Sub-Project Budget / Estimated 54,202,482

REVENUES

	0	0	0	0	0	0	0	0	0	0	54,202,482	54,202,482	Future Funding
TOTAL	0	0	0	0	0	0	0	0	0	0	54,202,482	54,202,482	

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	54,202,482	54,202,482	Future Funding
TOTAL	0	0	0	0	0	0	0	0	0	0	54,202,482	54,202,482	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	38,333,210												
REVENUES													
		0	0	0	5,346,969	0	0	0	0	0	0	5,346,969	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	0	0	0	0	0	8,500,000	8,500,000	Future Funding
		0	0	0	0	8,521,967	5,713,556	3,616,832	1,900,042	108,126	0	19,860,523	Future WAST Revenue Bonds
		2,532,820	0	2,532,820	0	0	0	0	0	0	0	2,532,820	S Construction - 2013 Bonds
		0	2,092,898	2,092,898	0	0	0	0	0	0	0	2,092,898	WAST Wastewater Commercial Paper - 2015
TOTAL		2,532,820.0	2,092,898	4,625,718	5,346,969.0	8,521,967	5,713,556	3,616,832	1,900,042	108,126	8,500,000	38,333,210	
EXPENDITURES													
		0	0	0	5,346,969	0	0	0	0	0	0	5,346,969	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	0	0	0	0	0	8,500,000	8,500,000	Future Funding
		0	0	0	0	8,521,967	5,713,556	3,616,832	1,900,042	108,126	0	19,860,523	Future WAST Revenue Bonds
		1,460,138	1,072,682	2,532,820	0	0	0	0	0	0	0	2,532,820	S Construction - 2013 Bonds
		0	2,092,898	2,092,898	0	0	0	0	0	0	0	2,092,898	WAST Wastewater Commercial Paper - 2015
TOTAL		1,460,138.4	3,165,580	4,625,718	5,346,969.0	8,521,967	5,713,556	3,616,832	1,900,042	108,126	8,500,000	38,333,210	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101656 S CDWWTP - SLUDGE HANDLING FACILITY													
Commission District(s) 7													
Sub-Project Budget / Estimated	2,979,841												
REVENUES													
	0	0	0	1,395,835	0	0	0	0	0	0	0	1,395,835	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000	Future WAST Revenue Bonds
	0	584,006	584,006	0	0	0	0	0	0	0	0	584,006	WAST Wastewater Commercial Paper - 2015
TOTAL	0	584,006	584,006	1,395,835	1,000,000	0	0	0	0	0	0	2,979,841	
EXPENDITURES													
	0	0	0	1,395,835	0	0	0	0	0	0	0	1,395,835	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000	Future WAST Revenue Bonds
	0	584,006	584,006	0	0	0	0	0	0	0	0	584,006	WAST Wastewater Commercial Paper - 2015
TOTAL	0	584,006	584,006	1,395,835	1,000,000	0	0	0	0	0	0	2,979,841	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.101838 S CDWWTP - 2 EMERGENCY GENERATORS

Commission District(s) 7

Sub-Project Budget / Estimated **3,000,000**

REVENUES

	0	0	0	269,698	0	0	0	0	0	0	0	269,698	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	2,516,746	213,556	0	0	0	0	0	2,730,302	Future WASD Revenue Bonds
TOTAL	0	0	0	269,698	2,516,746	213,556	0	0	0	0	0	3,000,000	

EXPENDITURES

	0	0	0	269,698	0	0	0	0	0	0	0	269,698	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	2,516,746	213,556	0	0	0	0	0	2,730,302	Future WASD Revenue Bonds
TOTAL	0	0	0	269,698	2,516,746	213,556	0	0	0	0	0	3,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.101910 S CDWWTP - PLANT PROCESS CONTROLS

Commission District(s) 7

Sub-Project Budget / Estimated **1,125,000**

REVENUES

	0	0	0	0	0	0	0	116,832	900,042	108,126	0	1,125,000	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---------	---------	---------	---	-----------	------------------------------

TOTAL	0	0	0	0	0	0	0	116,832	900,042	108,126	0	1,125,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------------	----------------	----------------	----------	------------------	--

EXPENDITURES

	0	0	0	0	0	0	0	116,832	900,042	108,126	0	1,125,000	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---------	---------	---------	---	-----------	------------------------------

TOTAL	0	0	0	0	0	0	0	116,832	900,042	108,126	0	1,125,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------------	----------------	----------------	----------	------------------	--

.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 Funding
--	---	---	---	---	---	---	---	---	---	---	-----------	-----------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	8,500,000	8,500,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	------------------	------------------	--

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	8,500,000	8,500,000	Future Funding
--	---	---	---	---	---	---	---	---	---	---	-----------	-----------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	8,500,000	8,500,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	------------------	------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102132 S CDWWTP SUBSTATION 19 AND 20 EMERGENCY REPLACEMENT OF ABB SWITCHGEAR

Commission District(s) 7

Sub-Project Budget / Estimated **3,321,000**

REVENUES

	0	0	0	200,000	0	0	0	0	0	0	0	200,000	2016 Wastewater Revenue Bonds Sold
	2,321,000	0	2,321,000	0	0	0	0	0	0	0	0	2,321,000	S Construction - 2013 Bonds
	0	800,000	800,000	0	0	0	0	0	0	0	0	800,000	WASD Wastewater Commercial Paper - 2015
TOTAL	2,321,000	800,000	3,121,000	200,000	0	0	0	0	0	0	0	3,321,000	

EXPENDITURES

	0	0	0	200,000	0	0	0	0	0	0	0	200,000	2016 Wastewater Revenue Bonds Sold
	1,460,138	860,862	2,321,000	0	0	0	0	0	0	0	0	2,321,000	S Construction - 2013 Bonds
	0	800,000	800,000	0	0	0	0	0	0	0	0	800,000	WASD Wastewater Commercial Paper - 2015
TOTAL	1,460,138	1,660,862	3,121,000	200,000	0	0	0	0	0	0	0	3,321,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102146 S CDWWTP - CONSTRUCTION MANAGEMENT OFFICE													
Commission District(s) 7													
Sub-Project Budget / Estimated 8,407,369													
REVENUES													
	0	0	0	2,481,436	0	0	0	0	0	0	0	2,481,436	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	3,005,221	1,500,000	500,000	0	0	0	0	5,005,221	Future WASD Revenue Bonds
	211,820	0	211,820	0	0	0	0	0	0	0	0	211,820	S Construction - 2013 Bonds
	0	708,892	708,892	0	0	0	0	0	0	0	0	708,892	WASD Wastewater Commercial Paper - 2015
TOTAL	211,820	708,892	920,712	2,481,436	3,005,221	1,500,000	500,000	0	0	0	0	8,407,369	
EXPENDITURES													
	0	0	0	2,481,436	0	0	0	0	0	0	0	2,481,436	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	3,005,221	1,500,000	500,000	0	0	0	0	5,005,221	Future WASD Revenue Bonds
	0	211,820	211,820	0	0	0	0	0	0	0	0	211,820	S Construction - 2013 Bonds
	0	708,892	708,892	0	0	0	0	0	0	0	0	708,892	WASD Wastewater Commercial Paper - 2015
TOTAL	0	920,712	920,712	2,481,436	3,005,221	1,500,000	500,000	0	0	0	0	8,407,369	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

Prior				Projections								Bond Issue
Budget/ Estimate	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.102183 S CDWWTP FOG RECOVERY STATION

Commission District(s) 7

Sub-Project Budget / Estimated **11,000,000**

REVENUES

	0	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	2,000,000	4,000,000	3,000,000	1,000,000	0	0	0	10,000,000	Future WAST Revenue Bonds
TOTAL	0	0	0	1,000,000	2,000,000	4,000,000	3,000,000	1,000,000	0	0	0	11,000,000	

EXPENDITURES

	0	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	2,000,000	4,000,000	3,000,000	1,000,000	0	0	0	10,000,000	Future WAST Revenue Bonds
TOTAL	0	0	0	1,000,000	2,000,000	4,000,000	3,000,000	1,000,000	0	0	0	11,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	143,205,174												
REVENUES													
		0	0	0	7,053,449	0	0	0	0	0	0	7,053,449	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	7,723,931	15,622,792	15,167,589	11,392,503	11,500,000	73,000,000	134,406,815	Future WASD Revenue Bonds
		0	1,744,910	1,744,910	0	0	0	0	0	0	0	1,744,910	WASD Wastewater Commercial Paper - 2015
TOTAL		0.0	1,744,910	1,744,910	7,053,449.0	7,723,931	15,622,792	15,167,589	11,392,503	11,500,000	73,000,000	143,205,174	
EXPENDITURES													
		0	0	0	7,053,449	0	0	0	0	0	0	7,053,449	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	7,723,931	15,622,792	15,167,589	11,392,503	11,500,000	73,000,000	134,406,815	Future WASD Revenue Bonds
		0	1,744,910	1,744,910	0	0	0	0	0	0	0	1,744,910	WASD Wastewater Commercial Paper - 2015
TOTAL		0.0	1,744,910	1,744,910	7,053,449.0	7,723,931	15,622,792	15,167,589	11,392,503	11,500,000	73,000,000	143,205,174	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101768 S SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE													
Commission District(s) 8													
Sub-Project Budget / Estimated 26,948,848													
REVENUES													
	0	0	0	1,697,565	0	0	0	0	0	0	0	1,697,565	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,943,007	1,565,253	2,255,405	3,111,862	4,500,000		11,500,000	24,875,527	Future WASD Revenue Bonds
	0	375,756	375,756	0	0	0	0	0	0	0	0	375,756	WASD Wastewater Commercial Paper - 2015
TOTAL	0	375,756	375,756	1,697,565	1,943,007	1,565,253	2,255,405	3,111,862	4,500,000		11,500,000	26,948,848	
EXPENDITURES													
	0	0	0	1,697,565	0	0	0	0	0	0	0	1,697,565	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,943,007	1,565,253	2,255,405	3,111,862	4,500,000		11,500,000	24,875,527	Future WASD Revenue Bonds
	0	375,756	375,756	0	0	0	0	0	0	0	0	375,756	WASD Wastewater Commercial Paper - 2015
TOTAL	0	375,756	375,756	1,697,565	1,943,007	1,565,253	2,255,405	3,111,862	4,500,000		11,500,000	26,948,848	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.101769 S SOUTH MIAMI-DADE SEWER IMPROVEMENTS - HOMESTEAD EAST

Commission District(s) **8**

Sub-Project Budget / Estimated **6,655,875**

REVENUES

	0	0	0	600,043	0	0	0	0	0	0	0	600,043	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	400,993	1,396,934	3,560,816	606,103	0	0	0	5,964,846	Future WAST Revenue Bonds
	0	90,986	90,986	0	0	0	0	0	0	0	0	90,986	WAST Wastewater Commercial Paper - 2015
TOTAL	0	90,986	90,986	600,043	400,993	1,396,934	3,560,816	606,103	0	0	0	6,655,875	

EXPENDITURES

	0	0	0	600,043	0	0	0	0	0	0	0	600,043	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	400,993	1,396,934	3,560,816	606,103	0	0	0	5,964,846	Future WAST Revenue Bonds
	0	90,986	90,986	0	0	0	0	0	0	0	0	90,986	WAST Wastewater Commercial Paper - 2015
TOTAL	0	90,986	90,986	600,043	400,993	1,396,934	3,560,816	606,103	0	0	0	6,655,875	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102055 S ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF													
Commission District(s) 8													
Sub-Project Budget / Estimated 73,854,638													
REVENUES													
		0	0	0	1,875,857	0	0	0	0	0	0	1,875,857	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	2,336,392	3,467,063	4,266,965	4,174,538	4,000,000	53,000,000	71,244,958	Future WASD Revenue Bonds
		0	733,823	733,823	0	0	0	0	0	0	0	733,823	WASD Wastewater Commercial Paper - 2015
TOTAL		0	733,823	733,823	1,875,857	2,336,392	3,467,063	4,266,965	4,174,538	4,000,000	53,000,000	73,854,638	
EXPENDITURES													
		0	0	0	1,875,857	0	0	0	0	0	0	1,875,857	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	2,336,392	3,467,063	4,266,965	4,174,538	4,000,000	53,000,000	71,244,958	Future WASD Revenue Bonds
		0	733,823	733,823	0	0	0	0	0	0	0	733,823	WASD Wastewater Commercial Paper - 2015
TOTAL		0	733,823	733,823	1,875,857	2,336,392	3,467,063	4,266,965	4,174,538	4,000,000	53,000,000	73,854,638	



Miami-Dade Water and Sewer Department
 2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102056 S ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF													
Commission District(s) 8													
Sub-Project Budget / Estimated 27,726,005													
REVENUES													
		0	0	0	1,776,548	0	0	0	0	0	0	1,776,548	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	2,602,132	3,107,174	4,805,437	3,500,000	3,000,000	8,500,000	25,514,743	Future WASD Revenue Bonds
		0	434,714	434,714	0	0	0	0	0	0	0	434,714	WASD Wastewater Commercial Paper - 2015
TOTAL		0	434,714	434,714	1,776,548	2,602,132	3,107,174	4,805,437	3,500,000	3,000,000	8,500,000	27,726,005	
EXPENDITURES													
		0	0	0	1,776,548	0	0	0	0	0	0	1,776,548	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	2,602,132	3,107,174	4,805,437	3,500,000	3,000,000	8,500,000	25,514,743	Future WASD Revenue Bonds
		0	434,714	434,714	0	0	0	0	0	0	0	434,714	WASD Wastewater Commercial Paper - 2015
TOTAL		0	434,714	434,714	1,776,548	2,602,132	3,107,174	4,805,437	3,500,000	3,000,000	8,500,000	27,726,005	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.102102 S SDWWTP FA MONITORING WELL REPLACEMENT

Commission District(s) **8**

Sub-Project Budget / Estimated **8,019,808**

REVENUES

	0	0	0	1,103,436	0	0	0	0	0	0	0	1,103,436	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	441,407	6,086,368	278,966	0	0	0	0	6,806,741	Future WAST Revenue Bonds
	0	109,631	109,631	0	0	0	0	0	0	0	0	109,631	WAST Wastewater Commercial Paper - 2015
TOTAL	0	109,631	109,631	1,103,436	441,407	6,086,368	278,966	0	0	0	0	8,019,808	

EXPENDITURES

	0	0	0	1,103,436	0	0	0	0	0	0	0	1,103,436	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	441,407	6,086,368	278,966	0	0	0	0	6,806,741	Future WAST Revenue Bonds
	0	109,631	109,631	0	0	0	0	0	0	0	0	109,631	WAST Wastewater Commercial Paper - 2015
TOTAL	0	109,631	109,631	1,103,436	441,407	6,086,368	278,966	0	0	0	0	8,019,808	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	225,500,000												
REVENUES													
		18,863,484	0	18,863,484	0	0	0	0	0	0	0	18,863,484	Construction - 2010 Bonds
		0	0	0	0	0	0	0	0	0	182,500,000	182,500,000	Future Funding
		0	0	0	0	2,000,000	4,000,000	3,000,000	1,000,000	0	0	10,000,000	Future WAST Revenue Bonds
		9,137,064	0	9,137,064	0	0	0	0	0	0	0	9,137,064	S Construction - 2013 Bonds
		0	4,999,452	4,999,452	0	0	0	0	0	0	0	4,999,452	WAST Wastewater Commercial Paper - 2015
TOTAL		28,000,548.0	4,999,452	33,000,000	0.0	2,000,000	4,000,000	3,000,000	1,000,000	0	182,500,000	225,500,000	
EXPENDITURES													
		18,863,484	0	18,863,484	0	0	0	0	0	0	0	18,863,484	Construction - 2010 Bonds
		0	0	0	0	0	0	0	0	0	182,500,000	182,500,000	Future Funding
		0	0	0	0	2,000,000	4,000,000	3,000,000	1,000,000	0	0	10,000,000	Future WAST Revenue Bonds
		9,137,064	0	9,137,064	0	0	0	0	0	0	0	9,137,064	S Construction - 2013 Bonds
		0	3,999,452	3,999,452	1,000,000	0	0	0	0	0	0	4,999,452	WAST Wastewater Commercial Paper - 2015
TOTAL		28,000,547.9	3,999,452	32,000,000	1,000,000.0	2,000,000	4,000,000	3,000,000	1,000,000	0	182,500,000	225,500,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.101650 S SDWWTP - INSTALLATION OF CO-GEN UNITS 4 & 5													
Commission District(s) 8													
Sub-Project Budget / Estimated	32,000,000												
REVENUES													
	18,863,484	0	18,863,484	0	0	0	0	0	0	0	0	18,863,484	Construction - 2010 Bonds
	9,137,064	0	9,137,064	0	0	0	0	0	0	0	0	9,137,064	S Construction - 2013 Bonds
	0	3,999,452	3,999,452	0	0	0	0	0	0	0	0	3,999,452	WASD Wastewater Commercial Paper - 2015
TOTAL	28,000,548	3,999,452	32,000,000	0	0	0	0	0	0	0	0	32,000,000	
EXPENDITURES													
	18,863,484	0	18,863,484	0	0	0	0	0	0	0	0	18,863,484	Construction - 2010 Bonds
	9,137,064	0	9,137,064	0	0	0	0	0	0	0	0	9,137,064	S Construction - 2013 Bonds
	0	3,999,452	3,999,452	0	0	0	0	0	0	0	0	3,999,452	WASD Wastewater Commercial Paper - 2015
TOTAL	28,000,548	3,999,452	32,000,000	0	0	0	0	0	0	0	0	32,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue		

.101993 S SDWWTP CENTRATE TREATMENT PROCESS

Commission District(s) 8

Sub-Project Budget / Estimated 105,000,000

REVENUES

	0	0	0	0	0	0	0	0	0	0	105,000,000	105,000,000	Future Funding
--	---	---	---	---	---	---	---	---	---	---	-------------	-------------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	105,000,000	105,000,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	--------------------	--------------------	--

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	105,000,000	105,000,000	Future Funding
--	---	---	---	---	---	---	---	---	---	---	-------------	-------------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	105,000,000	105,000,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	--------------------	--------------------	--

.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 Funding
--	---	---	---	---	---	---	---	---	---	---	-----------	-----------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	7,500,000	7,500,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	------------------	------------------	--

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	7,500,000	7,500,000	Future Funding
--	---	---	---	---	---	---	---	---	---	---	-----------	-----------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	7,500,000	7,500,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	------------------	------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

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

Commission District(s) 8

Sub-Project Budget / Estimated 70,000,000

REVENUES

	0	0	0	0	0	0	0	0	0	0	70,000,000	70,000,000	Future Funding
--	---	---	---	---	---	---	---	---	---	---	------------	------------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	70,000,000	70,000,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	-------------------	-------------------	--

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	70,000,000	70,000,000	Future Funding
--	---	---	---	---	---	---	---	---	---	---	------------	------------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	70,000,000	70,000,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102184 S SDWWTP FOG RECOVERY STATION

Commission District(s) 8

Sub-Project Budget / Estimated **11,000,000**

REVENUES

	0	0	0	0	2,000,000	4,000,000	3,000,000	1,000,000	0	0	10,000,000	Future WASD Revenue Bonds
	0	1,000,000	1,000,000	0	0	0	0	0	0	0	1,000,000	WASD Wastewater Commercial Paper - 2015
TOTAL	0	1,000,000	1,000,000	0	2,000,000	4,000,000	3,000,000	1,000,000	0	0	11,000,000	

EXPENDITURES

	0	0	0	0	2,000,000	4,000,000	3,000,000	1,000,000	0	0	10,000,000	Future WASD Revenue Bonds
	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000	WASD Wastewater Commercial Paper - 2015
TOTAL	0	0	0	1,000,000	2,000,000	4,000,000	3,000,000	1,000,000	0	0	11,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
1,120,604,486														
REVENUES														
		0	0	0	6,843,189	0	0	0	0	0	0	6,843,189	2016 Wastewater Revenue Bonds Sold	
		0	0	0	0	0	0	0	0	0	599,196,999	599,196,999	Future Funding	
		0	0	0	0	13,057,519	2,929,474	22,363,063	33,305,772	45,822,956	383,338,834	500,817,618	Future WASD Revenue Bonds	
	223,639	503,460	727,099	1,079,690	1,068,519	2,781,090	4,695,844	0	0	0	10,352,242	10,352,242	Plant Expansion Fund - Wastewater	
	446,717	0	446,717	0	0	0	0	0	0	0	446,717	446,717	S Construction - 2013 Bonds	
	0	2,947,721	2,947,721	0	0	0	0	0	0	0	2,947,721	2,947,721	WASD Wastewater Commercial Paper - 2015	
TOTAL	670,356.0	3,451,181	4,121,537	7,922,879.0	14,126,038	5,710,564	27,058,907	33,305,772	45,822,956	982,535,833	1,120,604,486			
EXPENDITURES														
		0	0	0	6,843,189	0	0	0	0	0	0	6,843,189	2016 Wastewater Revenue Bonds Sold	
		0	0	0	0	0	0	0	0	0	599,196,999	599,196,999	Future Funding	
		0	0	0	0	13,057,519	2,929,474	22,363,063	33,305,772	45,822,956	383,338,834	500,817,618	Future WASD Revenue Bonds	
	0	727,099	727,099	1,079,690	1,068,519	2,781,090	4,695,844	0	0	0	10,352,242	10,352,242	Plant Expansion Fund - Wastewater	
	253,882	192,835	446,717	0	0	0	0	0	0	0	446,717	446,717	S Construction - 2013 Bonds	
	0	2,947,721	2,947,721	0	0	0	0	0	0	0	2,947,721	2,947,721	WASD Wastewater Commercial Paper - 2015	
TOTAL	253,881.9	3,867,655	4,121,537	7,922,879.0	14,126,038	5,710,564	27,058,907	33,305,772	45,822,956	982,535,833	1,120,604,486			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.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	0	211,613	268,986	582,338	2,987,087	3,749,976	7,200,000	15,000,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	211,613	268,986	582,338	2,987,087	3,749,976	7,200,000	15,000,000	
EXPENDITURES													
		0	0	0	0	211,613	268,986	582,338	2,987,087	3,749,976	7,200,000	15,000,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	211,613	268,986	582,338	2,987,087	3,749,976	7,200,000	15,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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

Commission District(s) Systemwide

OSBM No. 9652101

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.101985 S WASTEWATER FORCE MAINS UPGRADES

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 30,000,000

REVENUES

	0	0	0	0	0	0	0	0	0	0	30,000,000	30,000,000	Future Funding
--	---	---	---	---	---	---	---	---	---	---	------------	------------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	30,000,000	30,000,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	-------------------	-------------------	--

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	30,000,000	30,000,000	Future Funding
--	---	---	---	---	---	---	---	---	---	---	------------	------------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	30,000,000	30,000,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.101986 S 18 INCH DIP FM FROM ISLAND DRIVE													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		4,673,914											
REVENUES													
		0	0	0	377,325	0	0	0	0	0	0	377,325	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	3,891,187	0	0	0	0	0	3,891,187	Future WAST Revenue Bonds
		0	405,402	405,402	0	0	0	0	0	0	0	405,402	WAST Wastewater Commercial Paper - 2015
TOTAL		0	405,402	405,402	377,325	3,891,187	0	0	0	0	0	4,673,914	
EXPENDITURES													
		0	0	0	377,325	0	0	0	0	0	0	377,325	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	3,891,187	0	0	0	0	0	3,891,187	Future WAST Revenue Bonds
		0	405,402	405,402	0	0	0	0	0	0	0	405,402	WAST Wastewater Commercial Paper - 2015
TOTAL		0	405,402	405,402	377,325	3,891,187	0	0	0	0	0	4,673,914	



Miami-Dade Water and Sewer Department
 2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102012 S SOUTHWEST DADE BOOSTER STATION (SP-1)													
Commission District(s) 8													
Sub-Project Budget / Estimated 75,000,000													
REVENUES													
		0	0	0	1,938,511	0	0	0	0	0	0	1,938,511	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	1,416,198	220,081	3,881,500	4,447,282	5,000,000	57,400,000	72,365,061	Future WASD Revenue Bonds
		0	696,428	696,428	0	0	0	0	0	0	0	696,428	WASD Wastewater Commercial Paper - 2015
TOTAL		0	696,428	696,428	1,938,511	1,416,198	220,081	3,881,500	4,447,282	5,000,000	57,400,000	75,000,000	
EXPENDITURES													
		0	0	0	1,938,511	0	0	0	0	0	0	1,938,511	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	1,416,198	220,081	3,881,500	4,447,282	5,000,000	57,400,000	72,365,061	Future WASD Revenue Bonds
		0	696,428	696,428	0	0	0	0	0	0	0	696,428	WASD Wastewater Commercial Paper - 2015
TOTAL		0	696,428	696,428	1,938,511	1,416,198	220,081	3,881,500	4,447,282	5,000,000	57,400,000	75,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102036 S 6" FM FROM PS 316 TO MH 126 ON COLLINS AVE													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		284,772											
REVENUES													
		284,772	0	284,772	0	0	0	0	0	0	0	0	284,772 S Construction - 2013 Bonds
TOTAL		284,772	0	284,772	0	0	0	0	0	0	0	0	284,772
EXPENDITURES													
		253,882	30,890	284,772	0	0	0	0	0	0	0	0	284,772 S Construction - 2013 Bonds
TOTAL		253,882	30,890	284,772	0	0	0	0	0	0	0	0	284,772



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102041 S DORAL BASIN UPGRADE - 24 INCH FORCE MAIN NW 74TH ST FROM NW 97 TO NW 107 AVE. (CL-6)													
Commission District(s) 12													
Sub-Project Budget / Estimated 3,462,300													
REVENUES													
	0	0	0	0	1,517,780	500,000	0	0	0	0	0	2,017,780	Future WASH Revenue Bonds
	0	503,460	503,460	941,060	0	0	0	0	0	0	0	1,444,520	Plant Expansion Fund - Wastewater
TOTAL	0	503,460	503,460	941,060	1,517,780	500,000	0	0	0	0	0	3,462,300	
EXPENDITURES													
	0	0	0	0	1,517,780	500,000	0	0	0	0	0	2,017,780	Future WASH Revenue Bonds
	0	503,460	503,460	941,060	0	0	0	0	0	0	0	1,444,520	Plant Expansion Fund - Wastewater
TOTAL	0	503,460	503,460	941,060	1,517,780	500,000	0	0	0	0	0	3,462,300	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102042 S DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		16,500,000											
REVENUES													
	0	0	0	0	0	0	0	0	3,815,917	1,000,000	3,000,000	7,815,917	Future WASD Revenue Bonds
	0	0	0	138,630	1,068,519	2,781,090	4,695,844	0	0	0	0	8,684,083	Plant Expansion Fund - Wastewater
TOTAL	0	0	0	138,630	1,068,519	2,781,090	4,695,844	3,815,917	1,000,000	3,000,000	3,000,000	16,500,000	
EXPENDITURES													
	0	0	0	0	0	0	0	0	3,815,917	1,000,000	3,000,000	7,815,917	Future WASD Revenue Bonds
	0	0	0	138,630	1,068,519	2,781,090	4,695,844	0	0	0	0	8,684,083	Plant Expansion Fund - Wastewater
TOTAL	0	0	0	138,630	1,068,519	2,781,090	4,695,844	3,815,917	1,000,000	3,000,000	3,000,000	16,500,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102043 S DORAL BASIN UPGRADE - P.S. 14 UPGRADE - COUNTY SHARE													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	385,584												
REVENUES													
	223,639	0	223,639	0	0	0	0	0	0	0	0	223,639 Plant Expansion Fund - Wastewater	
	161,945	0	161,945	0	0	0	0	0	0	0	0	161,945 S Construction - 2013 Bonds	
TOTAL	385,584	0	385,584	0	0	0	0	0	0	0	0	385,584	
EXPENDITURES													
	0	223,639	223,639	0	0	0	0	0	0	0	0	223,639 Plant Expansion Fund - Wastewater	
	0	161,945	161,945	0	0	0	0	0	0	0	0	161,945 S Construction - 2013 Bonds	
TOTAL	0	385,584	385,584	0	0	0	0	0	0	0	0	385,584	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102064 S 24-INCH FM FROM PS 416 TO 30-INCH FM AT NW 171 ST / 67 AVE (NL-6)													
Commission District(s) 1													
Sub-Project Budget / Estimated	6,580,000												
REVENUES													
	0	0	0	0	0	110,411	407,946	590,002	2,407,513	3,064,128	6,580,000	Future WASD Revenue Bonds	
TOTAL	0	0	0	0	0	110,411	407,946	590,002	2,407,513	3,064,128	6,580,000		
EXPENDITURES													
	0	0	0	0	0	110,411	407,946	590,002	2,407,513	3,064,128	6,580,000	Future WASD Revenue Bonds	
TOTAL	0	0	0	0	0	110,411	407,946	590,002	2,407,513	3,064,128	6,580,000		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.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													
Commission District(s) 1													
Sub-Project Budget / Estimated	6,120,000												
REVENUES													
	0	0	0	0	0	103,026	379,362	456,404	2,028,583	3,152,625	6,120,000	Future WASD Revenue Bonds	
TOTAL	0	0	0	0	0	103,026	379,362	456,404	2,028,583	3,152,625	6,120,000		
EXPENDITURES													
	0	0	0	0	0	103,026	379,362	456,404	2,028,583	3,152,625	6,120,000	Future WASD Revenue Bonds	
TOTAL	0	0	0	0	0	103,026	379,362	456,404	2,028,583	3,152,625	6,120,000		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102066 S 30-INCH FORCE MAIN IN W 12 AVE (NW 67 AVE) FROM W 79 ST TO W 84 ST (NW 138 ST) (NL-3)													
Commission District(s) 13													
Sub-Project Budget / Estimated		2,760,000											
REVENUES													
		0	0	0	0	0	0	20,801	230,249	1,407,475	1,101,475	2,760,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	20,801	230,249	1,407,475	1,101,475	2,760,000	
EXPENDITURES													
		0	0	0	0	0	0	20,801	230,249	1,407,475	1,101,475	2,760,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	20,801	230,249	1,407,475	1,101,475	2,760,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102069 S 48-INCH FORCE MAIN CONNECTION FROM NW 62 AVE AT W 77 ST TO DISCHARGE FORCE MAIN OF PS 307 (NL-4)													
Commission District(s) 13													
Sub-Project Budget / Estimated		16,140,000											
REVENUES													
		0	0	0	0	0	230,894	1,010,871	1,205,440	3,288,232	10,404,563	16,140,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	230,894	1,010,871	1,205,440	3,288,232	10,404,563	16,140,000	
EXPENDITURES													
		0	0	0	0	0	230,894	1,010,871	1,205,440	3,288,232	10,404,563	16,140,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	230,894	1,010,871	1,205,440	3,288,232	10,404,563	16,140,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.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 60,092,000													
REVENUES													
		0	0	0	1,400,706	0	0	0	0	0	0	1,400,706	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	1,638,647	166,012	7,000,000	7,000,000	5,000,000	37,200,000	58,004,659	Future WASD Revenue Bonds
		0	686,635	686,635	0	0	0	0	0	0	0	686,635	WASD Wastewater Commercial Paper - 2015
TOTAL		0	686,635	686,635	1,400,706	1,638,647	166,012	7,000,000	7,000,000	5,000,000	37,200,000	60,092,000	
EXPENDITURES													
		0	0	0	1,400,706	0	0	0	0	0	0	1,400,706	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	1,638,647	166,012	7,000,000	7,000,000	5,000,000	37,200,000	58,004,659	Future WASD Revenue Bonds
		0	686,635	686,635	0	0	0	0	0	0	0	686,635	WASD Wastewater Commercial Paper - 2015
TOTAL		0	686,635	686,635	1,400,706	1,638,647	166,012	7,000,000	7,000,000	5,000,000	37,200,000	60,092,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102082 S NORTH DADE BOOSTER STATION AT NW 183 ST / NW 57 AVE (NP-1)													
Commission District(s) 1													
Sub-Project Budget / Estimated		15,000,000											
REVENUES													
		0	0	0	188,547	0	0	0	0	0	0	188,547	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	473,740	285,896	1,777,459	3,547,166	4,327,192	4,400,000	14,811,453	Future WAST Revenue Bonds
TOTAL		0	0	0	188,547	473,740	285,896	1,777,459	3,547,166	4,327,192	4,400,000	15,000,000	
EXPENDITURES													
		0	0	0	188,547	0	0	0	0	0	0	188,547	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	473,740	285,896	1,777,459	3,547,166	4,327,192	4,400,000	14,811,453	Future WAST Revenue Bonds
TOTAL		0	0	0	188,547	473,740	285,896	1,777,459	3,547,166	4,327,192	4,400,000	15,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102086 S UPGRADE PS 416 (NP-416E)														
Commission District(s) 1														
Sub-Project Budget / Estimated			10,000,000											
REVENUES														
			0	0	0	336,176	0	0	0	0	0	0	336,176	2016 Wastewater Revenue Bonds Sold
			0	0	0	0	811,373	329,034	3,114,161	2,000,000	1,000,000	1,800,000	9,054,568	Future WASD Revenue Bonds
			0	609,256	609,256	0	0	0	0	0	0	0	609,256	WASD Wastewater Commercial Paper - 2015
TOTAL			0	609,256	609,256	336,176	811,373	329,034	3,114,161	2,000,000	1,000,000	1,800,000	10,000,000	
EXPENDITURES														
			0	0	0	336,176	0	0	0	0	0	0	336,176	2016 Wastewater Revenue Bonds Sold
			0	0	0	0	811,373	329,034	3,114,161	2,000,000	1,000,000	1,800,000	9,054,568	Future WASD Revenue Bonds
			0	609,256	609,256	0	0	0	0	0	0	0	609,256	WASD Wastewater Commercial Paper - 2015
TOTAL			0	609,256	609,256	336,176	811,373	329,034	3,114,161	2,000,000	1,000,000	1,800,000	10,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102121 S SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248th ST/SW 112th AVE TO SDWWTP													
Commission District(s) 8,9													
Sub-Project Budget / Estimated 47,250,000													
REVENUES													
		0	0	0	2,579,845	0	0	0	0	0	0	2,579,845	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	2,784,694	500,000	2,724,128	2,957,376	7,000,000	28,153,957	44,120,155	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	2,579,845	2,784,694	500,000	2,724,128	2,957,376	7,000,000	28,153,957	47,250,000	
EXPENDITURES													
		0	0	0	2,579,845	0	0	0	0	0	0	2,579,845	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	2,784,694	500,000	2,724,128	2,957,376	7,000,000	28,153,957	44,120,155	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	2,579,845	2,784,694	500,000	2,724,128	2,957,376	7,000,000	28,153,957	47,250,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102153 S 60-INCH WEST MIAMI-DADE FORCE MAIN - NORTH														
Commission District(s)														
Sub-Project Budget / Estimated		318,835,001												
REVENUES														
		0	0	0	0	0	0	0	0	0	0	318,835,001	318,835,001	Future Funding
TOTAL		0	0	0	0	0	0	0	0	0	0	318,835,001	318,835,001	
EXPENDITURES														
		0	0	0	0	0	0	0	0	0	0	318,835,001	318,835,001	Future Funding
TOTAL		0	0	0	0	0	0	0	0	0	0	318,835,001	318,835,001	
.102154 S 60-INCH WEST MIAMI-DADE FORCE MAIN - SOUTH														
Commission District(s)														
Sub-Project Budget / Estimated		239,121,998												
REVENUES														
		0	0	0	0	0	0	0	0	0	0	239,121,998	239,121,998	Future Funding
TOTAL		0	0	0	0	0	0	0	0	0	0	239,121,998	239,121,998	
EXPENDITURES														
		0	0	0	0	0	0	0	0	0	0	239,121,998	239,121,998	Future Funding
TOTAL		0	0	0	0	0	0	0	0	0	0	239,121,998	239,121,998	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102155 S CL-8; 24-INCH CONNECTION IN SW 8TH ST. FROM SW 152nd AVE. TO 177th AVE.

Commission District(s) 11

Sub-Project Budget / Estimated 11,240,000

REVENUES

	0	0	0	0	0	0	0	0	0	0	11,240,000	11,240,000	Future Funding
--	---	---	---	---	---	---	---	---	---	---	------------	------------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	11,240,000	11,240,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	-------------------	-------------------	--

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	11,240,000	11,240,000	Future Funding
--	---	---	---	---	---	---	---	---	---	---	------------	------------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	11,240,000	11,240,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102181 S NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306														
Commission District(s)		1,2												
Sub-Project Budget / Estimated			90,138,001											
REVENUES														
			0	0	0	22,079	0	0	0	0	0	0	22,079	2016 Wastewater Revenue Bonds Sold
			0	0	0	0	312,287	215,134	1,464,497	2,312,417	3,072,293	82,739,294	90,115,922	Future WAsD Revenue Bonds
TOTAL			0	0	0	22,079	312,287	215,134	1,464,497	2,312,417	3,072,293	82,739,294	90,138,001	
EXPENDITURES														
			0	0	0	22,079	0	0	0	0	0	0	22,079	2016 Wastewater Revenue Bonds Sold
			0	0	0	0	312,287	215,134	1,464,497	2,312,417	3,072,293	82,739,294	90,115,922	Future WAsD Revenue Bonds
TOTAL			0	0	0	22,079	312,287	215,134	1,464,497	2,312,417	3,072,293	82,739,294	90,138,001	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102187 S 48-INCH LINING FROM PS300 TO NDWWTP (XL-1)													
Commission District(s) 4													
Sub-Project Budget / Estimated		26,093,475											
REVENUES													
		0	0	0	0	0	0	0	752,124	2,250,725	23,090,626	26,093,475	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	752,124	2,250,725	23,090,626	26,093,475	
EXPENDITURES													
		0	0	0	0	0	0	0	752,124	2,250,725	23,090,626	26,093,475	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	752,124	2,250,725	23,090,626	26,093,475	

.102189 S FM EXT. FROM 36-INCH AT NW 87 AVE / W 76 ST TO 48-INCH IN NW 67 AVE (NL-2)

Commission District(s) 12,13

Sub-Project Budget / Estimated 35,213,740

REVENUES													
		0	0	0	0	0	0	0	0	0	35,213,740	35,213,740	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	35,213,740	35,213,740	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	35,213,740	35,213,740	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	35,213,740	35,213,740	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102190 S 42-INCH FM FROM PS306 - RED ROAD (NL-1C)													
Commission District(s) 1													
Sub-Project Budget / Estimated		35,352,451											
REVENUES													
		0	0	0	0	0	0	0	0	1,738,501	33,613,950	35,352,451	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	1,738,501	33,613,950	35,352,451	
EXPENDITURES													
		0	0	0	0	0	0	0	0	1,738,501	33,613,950	35,352,451	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	1,738,501	33,613,950	35,352,451	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102191 S PUMP STATION 0306 (PS-306)													
Commission District(s) 1,2													
Sub-Project Budget / Estimated		55,361,250											
REVENUES													
		0	0	0	0	0	0	0	1,004,308	2,552,466	51,804,476	55,361,250	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	1,004,308	2,552,466	51,804,476	55,361,250	
EXPENDITURES													
		0	0	0	0	0	0	0	1,004,308	2,552,466	51,804,476	55,361,250	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	1,004,308	2,552,466	51,804,476	55,361,250	



Miami-Dade Water and Sewer Department
2016 - 2022 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

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
	222,306,498													
REVENUES														
		0	0	0	7,126,958	0	0	0	0	0	0	0	7,126,958	2016 Wastewater Revenue Bonds Sold
		2,847,486	0	2,847,486	0	0	0	0	0	0	0	0	2,847,486	Construction - 2010 Bonds
		0	0	0	0	0	0	0	0	0	828,000	828,000	Future Funding	
		0	0	0	0	17,359,651	17,450,027	18,582,940	19,420,662	13,429,977	55,255,715	141,498,972	Future WASD Revenue Bonds	
		5,964,069	7,387,821	13,351,890	6,131,657	4,000,000	5,000,000	5,000,000	7,000,000	7,000,000	17,731,556	65,215,103	Plant Expansion Fund - Wastewater	
		3,657,773	0	3,657,773	0	0	0	0	0	0	0	3,657,773	S Construction - 2013 Bonds	
		0	1,132,206	1,132,206	0	0	0	0	0	0	0	1,132,206	WASD Wastewater Commercial Paper - 2015	
TOTAL		12,469,328.3	8,520,027	20,989,355	13,258,615.0	21,359,651	22,450,027	23,582,940	26,420,662	20,429,977	73,815,271	222,306,498		
EXPENDITURES														
		0	0	0	7,126,958	0	0	0	0	0	0	0	7,126,958	2016 Wastewater Revenue Bonds Sold
		2,847,486	0	2,847,486	0	0	0	0	0	0	0	0	2,847,486	Construction - 2010 Bonds
		0	0	0	0	0	0	0	0	0	828,000	828,000	Future Funding	
		0	0	0	0	17,359,651	17,450,027	18,582,940	19,420,662	13,429,977	55,255,715	141,498,972	Future WASD Revenue Bonds	
		1,085,390	2,916,150	4,001,540	3,824,767	2,846,856	3,100,341	4,344,288	5,697,311	7,000,000	34,400,000	65,215,103	Plant Expansion Fund - Wastewater	
		2,070,631	1,587,143	3,657,774	0	0	0	0	0	0	0	3,657,774	S Construction - 2013 Bonds	
		0	1,132,206	1,132,206	0	0	0	0	0	0	0	1,132,206	WASD Wastewater Commercial Paper - 2015	
TOTAL		6,003,506.2	5,635,499	11,639,005	10,951,725.0	20,206,507	20,550,368	22,927,228	25,117,973	20,429,977	90,483,715	222,306,498		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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

Commission District(s) Systemwide

OSBM No. 9650241

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.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		53,098,629											
REVENUES													
		0	0	0	3,368,343	0	0	0	0	0	0	3,368,343	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	6,785,000	7,500,000	7,656,480	5,000,000	3,750,000	14,750,000	45,441,480	Future WASD Revenue Bonds
	310,507	291,383	601,890	2,131,657	0	0	0	0	0	0	0	2,733,547	Plant Expansion Fund - Wastewater
	1,555,259	0	1,555,259	0	0	0	0	0	0	0	0	1,555,259	S Construction - 2013 Bonds
TOTAL	1,865,766	291,383	2,157,149	5,500,000	6,785,000	7,500,000	7,656,480	5,000,000	3,750,000	14,750,000	53,098,629		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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

Commission District(s) Systemwide

OSBM No. 9650241

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future			
EXPENDITURES														
		0	0	0	3,368,343	0	0	0	0	0	0	0	3,368,343	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	6,785,000	7,500,000	7,656,480	5,000,000	3,750,000	14,750,000	45,441,480	Future WAsD Revenue Bonds	
	310,507	291,383	601,890	2,131,657	0	0	0	0	0	0	0	2,733,547	Plant Expansion Fund - Wastewater	
	771,642	783,617	1,555,259	0	0	0	0	0	0	0	0	1,555,259	S Construction - 2013 Bonds	
TOTAL	1,082,150	1,075,000	2,157,150	5,500,000	6,785,000	7,500,000	7,656,480	5,000,000	3,750,000	14,750,000	53,098,630			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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

Commission District(s) Systemwide

OSBM No. 9650241

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.101840 S REPLACEMENT OF ANVIC DRIVES AND SWITCHGEAR AT PS#0536													
Commission District(s) 5,6,7													
Sub-Project Budget / Estimated	4,950,000												
REVENUES													
	2,847,486	0	2,847,486	0	0	0	0	0	0	0	0	2,847,486	Construction - 2010 Bonds
	2,102,514	0	2,102,514	0	0	0	0	0	0	0	0	2,102,514	S Construction - 2013 Bonds
TOTAL	4,950,000	0	4,950,000	0	0	0	0	0	0	0	0	4,950,000	
EXPENDITURES													
	2,847,486	0	2,847,486	0	0	0	0	0	0	0	0	2,847,486	Construction - 2010 Bonds
	1,298,988	803,526	2,102,514	0	0	0	0	0	0	0	0	2,102,514	S Construction - 2013 Bonds
TOTAL	4,146,474	803,526	4,950,000	0	0	0	0	0	0	0	0	4,950,000	
.101996 S 12 INCH DIP FM AT SW 87 AVE - 6850													
Commission District(s) 5,6,7													
Sub-Project Budget / Estimated	828,000												
REVENUES													
	0	0	0	0	0	0	0	0	0	0	828,000	828,000	Future Funding
TOTAL	0	0	0	0	0	0	0	0	0	0	828,000	828,000	
EXPENDITURES													
	0	0	0	0	0	0	0	0	0	0	828,000	828,000	Future Funding
TOTAL	0	0	0	0	0	0	0	0	0	0	828,000	828,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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

Commission District(s) Systemwide

OSBM No. 9650241

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102045 S P.S. 2 BASIN UPGRADE - LOCAL PUMP STATION UPGRADES													
Commission District(s) 6,7,10,12													
Sub-Project Budget / Estimated 59,731,556													
REVENUES													
		5,000,000	5,000,000	10,000,000	4,000,000	4,000,000	5,000,000	5,000,000	7,000,000	7,000,000	17,731,556	59,731,556	Plant Expansion Fund - Wastewater
TOTAL		5,000,000	5,000,000	10,000,000	4,000,000	4,000,000	5,000,000	5,000,000	7,000,000	7,000,000	17,731,556	59,731,556	
EXPENDITURES													
		121,321	528,329	649,650	1,693,110	2,846,856	3,100,341	4,344,288	5,697,311	7,000,000	34,400,000	59,731,556	Plant Expansion Fund - Wastewater
TOTAL		121,321	528,329	649,650	1,693,110	2,846,856	3,100,341	4,344,288	5,697,311	7,000,000	34,400,000	59,731,556	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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

Commission District(s) Systemwide

OSBM No. 9650241

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102046 S P.S. 2 BASIN UPGRADE - P.S. 2 UPGRADE														
Commission District(s)	3,6,7,10,12													
Sub-Project Budget / Estimated	22,529,992													
REVENUES														
		0	0	0	50,000	0	0	0	0	0	0	0	50,000	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	77,987	861,908	1,183,743	5,420,662	5,179,977	7,005,715	19,729,992	Future WASD Revenue Bonds	
	653,562	2,096,438	2,750,000	0	0	0	0	0	0	0	0	2,750,000	Plant Expansion Fund - Wastewater	
TOTAL	653,562	2,096,438	2,750,000	50,000	77,987	861,908	1,183,743	5,420,662	5,179,977	7,005,715	22,529,992			
EXPENDITURES														
		0	0	0	50,000	0	0	0	0	0	0	50,000	2016 Wastewater Revenue Bonds Sold	
		0	0	0	0	77,987	861,908	1,183,743	5,420,662	5,179,977	7,005,715	19,729,992	Future WASD Revenue Bonds	
	653,562	2,096,438	2,750,000	0	0	0	0	0	0	0	0	2,750,000	Plant Expansion Fund - Wastewater	
TOTAL	653,562	2,096,438	2,750,000	50,000	77,987	861,908	1,183,743	5,420,662	5,179,977	7,005,715	22,529,992			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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

Commission District(s) Systemwide

OSBM No. 9650241

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102074 S COCONUT GROVE REROUTE														
Commission District(s)	7													
Sub-Project Budget / Estimated	7,172,318													
REVENUES														
		0	0	0	847,335	0	0	0	0	0	0	0	847,335	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	4,684,450	1,438,920	0	0	0	0	0	6,123,370	Future WAST Revenue Bonds
		0	201,613	201,613	0	0	0	0	0	0	0	0	201,613	WAST Wastewater Commercial Paper - 2015
TOTAL		0	201,613	201,613	847,335	4,684,450	1,438,920	0	0	0	0	0	7,172,318	
EXPENDITURES														
		0	0	0	847,335	0	0	0	0	0	0	0	847,335	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	4,684,450	1,438,920	0	0	0	0	0	6,123,370	Future WAST Revenue Bonds
		0	201,613	201,613	0	0	0	0	0	0	0	0	201,613	WAST Wastewater Commercial Paper - 2015
TOTAL		0	201,613	201,613	847,335	4,684,450	1,438,920	0	0	0	0	0	7,172,318	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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

Commission District(s) Systemwide

OSBM No. 9650241

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102156 S DOWNTOWN BOOSTER STATION (CP-1)													
Commission District(s) 3													
Sub-Project Budget / Estimated 50,000,000													
REVENUES													
		0	0	0	1,663,832	0	0	0	0	0	0	1,663,832	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	3,652,005	4,500,000	5,207,101	6,500,000	3,500,000	24,500,000	47,859,106	Future WASD Revenue Bonds
		0	477,062	477,062	0	0	0	0	0	0	0	477,062	WASD Wastewater Commercial Paper - 2015
TOTAL		0	477,062	477,062	1,663,832	3,652,005	4,500,000	5,207,101	6,500,000	3,500,000	24,500,000	50,000,000	
EXPENDITURES													
		0	0	0	1,663,832	0	0	0	0	0	0	1,663,832	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	3,652,005	4,500,000	5,207,101	6,500,000	3,500,000	24,500,000	47,859,106	Future WASD Revenue Bonds
		0	477,062	477,062	0	0	0	0	0	0	0	477,062	WASD Wastewater Commercial Paper - 2015
TOTAL		0	477,062	477,062	1,663,832	3,652,005	4,500,000	5,207,101	6,500,000	3,500,000	24,500,000	50,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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

Commission District(s) Systemwide

OSBM No. 9650241

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102157 S FM CONNECTIONS TO DOWNTOWN BOOSTER STATION													
Commission District(s) 7													
Sub-Project Budget / Estimated	23,996,003												
REVENUES													
	0	0	0	1,197,448	0	0	0	0	0	0	0	1,197,448	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	2,160,209	3,149,199	4,535,616	2,500,000	1,000,000	9,000,000	22,345,024	Future WAST Revenue Bonds	
	0	453,531	453,531	0	0	0	0	0	0	0	453,531	WAST Wastewater Commercial Paper - 2015	
TOTAL	0	453,531	453,531	1,197,448	2,160,209	3,149,199	4,535,616	2,500,000	1,000,000	9,000,000	23,996,003		
EXPENDITURES													
	0	0	0	1,197,448	0	0	0	0	0	0	1,197,448	2016 Wastewater Revenue Bonds Sold	
	0	0	0	0	2,160,209	3,149,199	4,535,616	2,500,000	1,000,000	9,000,000	22,345,024	Future WAST Revenue Bonds	
	0	453,531	453,531	0	0	0	0	0	0	0	453,531	WAST Wastewater Commercial Paper - 2015	
TOTAL	0	453,531	453,531	1,197,448	2,160,209	3,149,199	4,535,616	2,500,000	1,000,000	9,000,000	23,996,003		



Miami-Dade Water and Sewer Department
2016 - 2022 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										Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
	308,441,201													
REVENUES														
		0	0	0	8,212,433	0	0	0	0	0	0	8,212,433	2016 Wastewater Revenue Bonds Sold	
		0	0	0	0	0	0	0	0	0	24,390,000	24,390,000	Future Funding	
		0	0	0	0	18,268,977	23,917,213	28,323,816	23,161,919	17,910,848	160,934,057	272,516,830	Future WASD Revenue Bonds	
	1,360,201		0	1,360,201	0	0	0	0	0	0	0	1,360,201	S Construction - 2013 Bonds	
	0	1,961,737		1,961,737	0	0	0	0	0	0	0	1,961,737	WASD Wastewater Commercial Paper - 2015	
TOTAL	1,360,201.0	1,961,737	1,961,737	3,321,938	8,212,433.0	18,268,977	23,917,213	28,323,816	23,161,919	17,910,848	185,324,057	308,441,201		
EXPENDITURES														
		0	0	0	8,212,433	0	0	0	0	0	0	8,212,433	2016 Wastewater Revenue Bonds Sold	
		0	0	0	0	0	0	0	0	0	24,390,000	24,390,000	Future Funding	
		0	0	0	0	18,268,977	23,917,213	28,323,816	23,161,919	17,910,848	160,934,057	272,516,830	Future WASD Revenue Bonds	
	190,182		1,170,019	1,360,201	0	0	0	0	0	0	0	1,360,201	S Construction - 2013 Bonds	
	0	1,961,737		1,961,737	0	0	0	0	0	0	0	1,961,737	WASD Wastewater Commercial Paper - 2015	
TOTAL	190,182.5	3,131,756	3,131,756	3,321,938	8,212,433.0	18,268,977	23,917,213	28,323,816	23,161,919	17,910,848	185,324,057	308,441,201		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102035 S 6" FM FROM PS 1071 TO MH 7 SOUTH OF SW 186 ST ON 108 AVE													
Commission District(s) 7													
Sub-Project Budget / Estimated	1,079,412												
REVENUES													
	1,079,412	0	1,079,412	0	0	0	0	0	0	0	0	1,079,412	S Construction - 2013 Bonds
TOTAL	1,079,412	0	1,079,412	0	0	0	0	0	0	0	0	1,079,412	
EXPENDITURES													
	120,193	959,219	1,079,412	0	0	0	0	0	0	0	0	1,079,412	S Construction - 2013 Bonds
TOTAL	120,193	959,219	1,079,412	0	0	0	0	0	0	0	0	1,079,412	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102050 S UPGRADE 4" FM FROM PS 733 ON US1														
Commission District(s) 7														
Sub-Project Budget / Estimated		451,789												
REVENUES														
		0	0	0	171,000	0	0	0	0	0	0	0	171,000	2016 Wastewater Revenue Bonds Sold
		280,789	0	280,789	0	0	0	0	0	0	0	0	280,789	S Construction - 2013 Bonds
TOTAL		280,789	0	280,789	171,000	0	0	0	0	0	0	0	451,789	
EXPENDITURES														
		0	0	0	171,000	0	0	0	0	0	0	0	171,000	2016 Wastewater Revenue Bonds Sold
		69,989	210,800	280,789	0	0	0	0	0	0	0	0	280,789	S Construction - 2013 Bonds
TOTAL		69,989	210,800	280,789	171,000	0	0	0	0	0	0	0	451,789	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102051 S UPGRADE 6" FM AT SW 160 ST AND 92 AVE													
Commission District(s) 7													
Sub-Project Budget / Estimated 1,400,000													
REVENUES													
		0	0	0	35,187	0	0	0	0	0	0	35,187	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	186,443	527,649	650,721	0	0	0	1,364,813	Future WASD Revenue Bonds
TOTAL		0	0	0	35,187	186,443	527,649	650,721	0	0	0	1,400,000	
EXPENDITURES													
		0	0	0	35,187	0	0	0	0	0	0	35,187	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	186,443	527,649	650,721	0	0	0	1,364,813	Future WASD Revenue Bonds
TOTAL		0	0	0	35,187	186,443	527,649	650,721	0	0	0	1,400,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102063 S 24-INCH FM CONNECTION FROM PS 1073 TO PS 691 (SL-6)														
Commission District(s) 8,9														
Sub-Project Budget / Estimated				6,450,000										
REVENUES														
		0	0	0	0	0	0	21,084	467,388	227,471	5,734,057	6,450,000	Future WASD Revenue Bonds	
TOTAL		0	0	0	0	0	0	21,084	467,388	227,471	5,734,057	6,450,000		
EXPENDITURES														
		0	0	0	0	0	0	21,084	467,388	227,471	5,734,057	6,450,000	Future WASD Revenue Bonds	
TOTAL		0	0	0	0	0	0	21,084	467,388	227,471	5,734,057	6,450,000		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102067 S 42-INCH FM CONNECTION FROM PS 691 TO PS 692 (SL-5)													
Commission District(s) 8													
Sub-Project Budget / Estimated 42,100,000													
REVENUES													
		0	0	0	573,114	0	0	0	0	0	0	573,114	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	2,683,113	2,097,776	3,509,152	3,736,845	3,500,000	26,000,000	41,526,886	Future WAST Revenue Bonds
TOTAL		0	0	0	573,114	2,683,113	2,097,776	3,509,152	3,736,845	3,500,000	26,000,000	42,100,000	
EXPENDITURES													
		0	0	0	573,114	0	0	0	0	0	0	573,114	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	2,683,113	2,097,776	3,509,152	3,736,845	3,500,000	26,000,000	41,526,886	Future WAST Revenue Bonds
TOTAL		0	0	0	573,114	2,683,113	2,097,776	3,509,152	3,736,845	3,500,000	26,000,000	42,100,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102077 S SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268th St AND SW 127th Ave													
Commission District(s) 8,9													
Sub-Project Budget / Estimated 47,060,000													
REVENUES													
		0	0	0	76,247	0	0	0	0	0	0	76,247	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	1,185,508	2,440,214	3,071,923	3,286,108	3,000,000	34,000,000	46,983,753	Future WAsD Revenue Bonds
TOTAL		0	0	0	76,247	1,185,508	2,440,214	3,071,923	3,286,108	3,000,000	34,000,000	47,060,000	
EXPENDITURES													
		0	0	0	76,247	0	0	0	0	0	0	76,247	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	1,185,508	2,440,214	3,071,923	3,286,108	3,000,000	34,000,000	46,983,753	Future WAsD Revenue Bonds
TOTAL		0	0	0	76,247	1,185,508	2,440,214	3,071,923	3,286,108	3,000,000	34,000,000	47,060,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102078 S SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137th AVE/SW 136th St.													
Commission District(s) 8													
Sub-Project Budget / Estimated 34,180,000													
REVENUES													
		0	0	0	2,221,557	0	0	0	0	0	0	2,221,557	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	4,629,440	5,500,000	5,800,000	4,000,000	4,000,000	7,500,000	31,429,440	Future WASD Revenue Bonds
		0	529,003	529,003	0	0	0	0	0	0	0	529,003	WASD Wastewater Commercial Paper - 2015
TOTAL		0	529,003	529,003	2,221,557	4,629,440	5,500,000	5,800,000	4,000,000	4,000,000	7,500,000	34,180,000	
EXPENDITURES													
		0	0	0	2,221,557	0	0	0	0	0	0	2,221,557	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	4,629,440	5,500,000	5,800,000	4,000,000	4,000,000	7,500,000	31,429,440	Future WASD Revenue Bonds
		0	529,003	529,003	0	0	0	0	0	0	0	529,003	WASD Wastewater Commercial Paper - 2015
TOTAL		0	529,003	529,003	2,221,557	4,629,440	5,500,000	5,800,000	4,000,000	4,000,000	7,500,000	34,180,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102079 S SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B														
Commission District(s) 8,9														
Sub-Project Budget / Estimated			81,330,000											
REVENUES														
		0	0	0	2,956,025	0	0	0	0	0	0	2,956,025	2016 Wastewater Revenue Bonds Sold	
		0	0	0	0	5,234,228	6,857,013	6,000,000	5,000,000	5,000,000	49,700,000	77,791,241	Future WASD Revenue Bonds	
		0	582,734	582,734	0	0	0	0	0	0	0	582,734	WASD Wastewater Commercial Paper - 2015	
TOTAL		0	582,734	582,734	2,956,025	5,234,228	6,857,013	6,000,000	5,000,000	5,000,000	49,700,000	81,330,000		
EXPENDITURES														
		0	0	0	2,956,025	0	0	0	0	0	0	2,956,025	2016 Wastewater Revenue Bonds Sold	
		0	0	0	0	5,234,228	6,857,013	6,000,000	5,000,000	5,000,000	49,700,000	77,791,241	Future WASD Revenue Bonds	
		0	582,734	582,734	0	0	0	0	0	0	0	582,734	WASD Wastewater Commercial Paper - 2015	
TOTAL		0	582,734	582,734	2,956,025	5,234,228	6,857,013	6,000,000	5,000,000	5,000,000	49,700,000	81,330,000		



Miami-Dade Water and Sewer Department
 2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102087 S UPGRADE PS 692 (SP-692E)														
Commission District(s)	8													
Sub-Project Budget / Estimated	50,000,000													
REVENUES														
		0	0	0	1,675,837	0	0	0	0	0	0	0	1,675,837	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	3,078,135	3,400,286	4,312,365	4,500,000	683,377	31,500,000	47,474,163	Future WASD Revenue Bonds	
		0	850,000	850,000	0	0	0	0	0	0	0	850,000	WASD Wastewater Commercial Paper - 2015	
TOTAL		0	850,000	850,000	1,675,837	3,078,135	3,400,286	4,312,365	4,500,000	683,377	31,500,000	50,000,000		
EXPENDITURES														
		0	0	0	1,675,837	0	0	0	0	0	0	1,675,837	2016 Wastewater Revenue Bonds Sold	
		0	0	0	0	3,078,135	3,400,286	4,312,365	4,500,000	683,377	31,500,000	47,474,163	Future WASD Revenue Bonds	
		0	850,000	850,000	0	0	0	0	0	0	0	850,000	WASD Wastewater Commercial Paper - 2015	
TOTAL		0	850,000	850,000	1,675,837	3,078,135	3,400,286	4,312,365	4,500,000	683,377	31,500,000	50,000,000		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102088 S UPGRADE PS 1073 (SP-1073E)													
Commission District(s) 9													
Sub-Project Budget / Estimated 20,000,000													
REVENUES													
		0	0	0	503,466	0	0	0	0	0	0	503,466	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	1,272,110	3,094,275	4,958,571	2,171,578	1,500,000	6,500,000	19,496,534	Future WASD Revenue Bonds
TOTAL		0	0	0	503,466	1,272,110	3,094,275	4,958,571	2,171,578	1,500,000	6,500,000	20,000,000	
EXPENDITURES													
		0	0	0	503,466	0	0	0	0	0	0	503,466	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	1,272,110	3,094,275	4,958,571	2,171,578	1,500,000	6,500,000	19,496,534	Future WASD Revenue Bonds
TOTAL		0	0	0	503,466	1,272,110	3,094,275	4,958,571	2,171,578	1,500,000	6,500,000	20,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1010. SOUTH DISTRICT WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9651061

Prior				Projections								
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102158 S SL-3B TO 48"/54" FM ALONG 137th AVE FROM SW 136th St TO SW 104th ST

Commission District(s) 11

Sub-Project Budget / Estimated 24,390,000

REVENUES

	0	0	0	0	0	0	0	0	0	0	24,390,000	24,390,000	Future Funding
--	---	---	---	---	---	---	---	---	---	---	------------	------------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	24,390,000	24,390,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	-------------------	-------------------	--

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	24,390,000	24,390,000	Future Funding
--	---	---	---	---	---	---	---	---	---	---	------------	------------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	24,390,000	24,390,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1011. GRAVITY SEWER RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650201

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	13,731,176												
REVENUES													
		0	0	0	1,375,895	0	0	0	0	0	0	1,375,895	2016 Wastewater Revenue Bonds Sold
	3,991,282		0	3,991,282	0	0	0	0	0	0	0	3,991,282	Construction - 2010 Bonds
	0	0	0	0	0	1,258,452	1,050,000	650,000	350,000	224,112	0	3,532,564	Future WASD Revenue Bonds
	1,161,510		0	1,161,510	0	0	0	0	0	0	0	1,161,510	S Construction - 2013 Bonds
	0	3,669,925	3,669,925	3,669,925	0	0	0	0	0	0	0	3,669,925	WASD Wastewater Commercial Paper - 2015
TOTAL	5,152,792.0	3,669,925	3,669,925	8,822,717	1,375,895.0	1,258,452	1,050,000	650,000	350,000	224,112	0	13,731,176	
EXPENDITURES													
		0	0	0	1,375,895	0	0	0	0	0	0	1,375,895	2016 Wastewater Revenue Bonds Sold
	3,991,282		0	3,991,282	0	0	0	0	0	0	0	3,991,282	Construction - 2010 Bonds
	0	0	0	0	0	1,258,452	1,050,000	650,000	350,000	224,112	0	3,532,564	Future WASD Revenue Bonds
	1,161,510		0	1,161,510	0	0	0	0	0	0	0	1,161,510	S Construction - 2013 Bonds
	0	3,669,925	3,669,925	3,669,925	0	0	0	0	0	0	0	3,669,925	WASD Wastewater Commercial Paper - 2015
TOTAL	5,152,791.4	3,669,925	3,669,925	8,822,716	1,375,895.0	1,258,452	1,050,000	650,000	350,000	224,112	0	13,731,175	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1011. GRAVITY SEWER RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650201

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.100889 S REHABILITATION OF SEWER MAINS DUE TO I/I - DIG AND REPLACE

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 13,231,176

REVENUES

	0	0	0	1,375,895	0	0	0	0	0	0	0	1,375,895	2016 Wastewater Revenue Bonds Sold
	3,991,282	0	3,991,282	0	0	0	0	0	0	0	0	3,991,282	Construction - 2010 Bonds
	0	0	0	0	1,258,452	1,050,000	650,000	350,000	224,112	0	0	3,532,564	Future WAST Revenue Bonds
	1,161,510	0	1,161,510	0	0	0	0	0	0	0	0	1,161,510	S Construction - 2013 Bonds
	0	3,169,925	3,169,925	0	0	0	0	0	0	0	0	3,169,925	WAST Wastewater Commercial Paper - 2015
TOTAL	5,152,792	3,169,925	8,322,717	1,375,895	1,258,452	1,050,000	650,000	350,000	224,112	0	0	13,231,176	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1011. GRAVITY SEWER RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650201

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
	0	0	0	1,375,895	0	0	0	0	0	0	0	1,375,895	2016 Wastewater Revenue Bonds Sold
	3,991,282	0	3,991,282	0	0	0	0	0	0	0	0	3,991,282	Construction - 2010 Bonds
	0	0	0	0	1,258,452	1,050,000	650,000	350,000	224,112	0	0	3,532,564	Future WASH Revenue Bonds
	1,161,510	0	1,161,510	0	0	0	0	0	0	0	0	1,161,510	S Construction - 2013 Bonds
	0	3,169,925	3,169,925	0	0	0	0	0	0	0	0	3,169,925	WASH Wastewater Commercial Paper - 2015
TOTAL	5,152,791	3,169,925	8,322,716	1,375,895	1,258,452	1,050,000	650,000	350,000	224,112	0	0	13,231,175	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1011. GRAVITY SEWER RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650201

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.101807 S REHAB OF ALL JUNCTION CHAMBERS AND ASSOCIATED LINES

Commission District(s) 4

Sub-Project Budget / Estimated 500,000

REVENUES

	0	500,000	500,000	0	0	0	0	0	0	0	0	500,000	WASD Wastewater Commercial Paper - 2015
--	---	---------	---------	---	---	---	---	---	---	---	---	---------	---

TOTAL	0	500,000	500,000	0	0	0	0	0	0	0	0	500,000	
--------------	----------	----------------	----------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	--

EXPENDITURES

	0	500,000	500,000	0	0	0	0	0	0	0	0	500,000	WASD Wastewater Commercial Paper - 2015
--	---	---------	---------	---	---	---	---	---	---	---	---	---------	---

TOTAL	0	500,000	500,000	0	0	0	0	0	0	0	0	500,000	
--------------	----------	----------------	----------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1012. SANITARY SEWER SYSTEM IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650221

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future			
50,380,107														
REVENUES														
	50,080,107	300,000	50,380,107	0	0	0	0	0	0	0	0	50,380,107	Wastewater Special Construction Fund	
TOTAL	50,080,107.0	300,000	50,380,107	0.0	0	0	0	0	0	0	0	50,380,107		
EXPENDITURES														
	4,988,598	300,000	5,288,598	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,591,509	0	0	50,380,107	Wastewater Special Construction Fund	
TOTAL	4,988,598.0	300,000	5,288,598	2,500,000.0	2,500,000	2,500,000	2,500,000	2,500,000	32,591,509	0	0	50,380,107		

.100055 S SPECIAL CONSTRUCTION - SANITARY SEWER IMPROVEMENTS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **50,380,107**

REVENUES														
	50,080,107	300,000	50,380,107	0	0	0	0	0	0	0	0	50,380,107	Wastewater Special Construction Fund	
TOTAL	50,080,107	300,000	50,380,107	0	0	0	0	0	0	0	0	50,380,107		
EXPENDITURES														
	4,988,598	300,000	5,288,598	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,591,509	0	0	50,380,107	Wastewater Special Construction Fund	
TOTAL	4,988,598	300,000	5,288,598	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,591,509	0	0	50,380,107		



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	161,179,413												
REVENUES													
		0	0	0	2,926,808	0	0	0	0	0	0	2,926,808	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	0	0	0	0	0	72,031,535	72,031,535	Future Funding
		0	0	0	0	7,450,969	12,265,000	13,207,754	12,653,832	8,184,465	31,000,000	84,762,020	Future WAST Revenue Bonds
	1,320,540		0	1,320,540	0	0	0	0	0	0	0	1,320,540	S Construction - 2013 Bonds
	0	138,510		138,510	0	0	0	0	0	0	0	138,510	WAST Wastewater Commercial Paper - 2015
TOTAL	1,320,540.0	138,510	1,459,050	2,926,808.0	7,450,969	12,265,000	13,207,754	12,653,832	8,184,465	103,031,535	161,179,413		
EXPENDITURES													
		0	0	0	2,926,808	0	0	0	0	0	0	2,926,808	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	0	0	0	0	0	72,031,535	72,031,535	Future Funding
		0	0	0	0	7,450,969	12,265,000	13,207,754	12,653,832	8,184,465	31,000,000	84,762,020	Future WAST Revenue Bonds
	221,802	1,098,737		1,320,539	0	0	0	0	0	0	0	1,320,539	S Construction - 2013 Bonds
	0	138,510		138,510	0	0	0	0	0	0	0	138,510	WAST Wastewater Commercial Paper - 2015
TOTAL	221,802.5	1,237,247	1,459,049	2,926,808.0	7,450,969	12,265,000	13,207,754	12,653,832	8,184,465	103,031,535	161,179,412		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.101108 S MIAMI SERVICE FACILITY - PHASE 2													
Commission District(s) 3													
Sub-Project Budget / Estimated 21,537,913													
REVENUES													
		0	0	0	861,388	0	0	0	0	0	0	861,388	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	2,011,177	3,017,882	4,172,754	4,013,832	1,000,000	6,000,000	20,215,645	Future WAST Revenue Bonds
	460,880	0	460,880	0	0	0	0	0	0	0	0	460,880	S Construction - 2013 Bonds
TOTAL	460,880	0	460,880	861,388	2,011,177	3,017,882	4,172,754	4,013,832	1,000,000	6,000,000	21,537,913		
EXPENDITURES													
		0	0	0	861,388	0	0	0	0	0	0	861,388	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	2,011,177	3,017,882	4,172,754	4,013,832	1,000,000	6,000,000	20,215,645	Future WAST Revenue Bonds
	160,315	300,565	460,880	0	0	0	0	0	0	0	0	460,880	S Construction - 2013 Bonds
TOTAL	160,315	300,565	460,880	861,388	2,011,177	3,017,882	4,172,754	4,013,832	1,000,000	6,000,000	21,537,913		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.101461 S NORTH MAINTENANCE CENTER

Commission District(s) 1

Sub-Project Budget / Estimated 12,174,912

REVENUES

	0	0	0	100,000	0	0	0	0	0	0	100,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	400,000	2,174,912	3,500,000	4,500,000	500,000	1,000,000	12,074,912	Future WAST Revenue Bonds
TOTAL	0	0	0	100,000	400,000	2,174,912	3,500,000	4,500,000	500,000	1,000,000	12,174,912	

EXPENDITURES

	0	0	0	100,000	0	0	0	0	0	0	100,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	400,000	2,174,912	3,500,000	4,500,000	500,000	1,000,000	12,074,912	Future WAST Revenue Bonds
TOTAL	0	0	0	100,000	400,000	2,174,912	3,500,000	4,500,000	500,000	1,000,000	12,174,912	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.101506 S SOUTH MAINTENANCE CENTER													
Commission District(s) 9													
Sub-Project Budget / Estimated	42,673,455												
REVENUES													
		0	0	0	500,000	0	0	0	0	0	0	500,000	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	2,084,998	3,316,000	4,285,000	4,140,000	4,216,000	24,000,000	42,041,998	Future WAST Revenue Bonds
	131,457	0	131,457	0	0	0	0	0	0	0	0	131,457	S Construction - 2013 Bonds
TOTAL	131,457	0	131,457	500,000	2,084,998	3,316,000	4,285,000	4,140,000	4,216,000	24,000,000	42,673,455		
EXPENDITURES													
		0	0	0	500,000	0	0	0	0	0	0	500,000	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	2,084,998	3,316,000	4,285,000	4,140,000	4,216,000	24,000,000	42,041,998	Future WAST Revenue Bonds
	31,457	100,000	131,457	0	0	0	0	0	0	0	0	131,457	S Construction - 2013 Bonds
TOTAL	31,457	100,000	131,457	500,000	2,084,998	3,316,000	4,285,000	4,140,000	4,216,000	24,000,000	42,673,455		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	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	300,000	0	0	0	0	0	0	300,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,211,000	1,000,000	1,000,000	0	0	0	3,211,000	Future WAST Revenue Bonds
	0	88,510	88,510	0	0	0	0	0	0	0	88,510	WAST Wastewater Commercial Paper - 2015
TOTAL	0	88,510	88,510	300,000	1,211,000	1,000,000	1,000,000	0	0	0	3,599,510	

EXPENDITURES

	0	0	0	300,000	0	0	0	0	0	0	300,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,211,000	1,000,000	1,000,000	0	0	0	3,211,000	Future WAST Revenue Bonds
	0	88,510	88,510	0	0	0	0	0	0	0	88,510	WAST Wastewater Commercial Paper - 2015
TOTAL	0	88,510	88,510	300,000	1,211,000	1,000,000	1,000,000	0	0	0	3,599,510	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.101654 S WESTWOOD LAKES FACILITY ELEVATOR RENOVATION

Commission District(s) 10

Sub-Project Budget / Estimated 1,500,000

REVENUES

	0	0	0	50,000	0	0	0	0	0	0	0	50,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	600,000	800,000	0	0	0	0	0	1,400,000	Future WAST Revenue Bonds
	0	50,000	50,000	0	0	0	0	0	0	0	0	50,000	WAST Wastewater Commercial Paper - 2015
TOTAL	0	50,000	50,000	50,000	600,000	800,000	0	0	0	0	0	1,500,000	

EXPENDITURES

	0	0	0	50,000	0	0	0	0	0	0	0	50,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	600,000	800,000	0	0	0	0	0	1,400,000	Future WAST Revenue Bonds
	0	50,000	50,000	0	0	0	0	0	0	0	0	50,000	WAST Wastewater Commercial Paper - 2015
TOTAL	0	50,000	50,000	50,000	600,000	800,000	0	0	0	0	0	1,500,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total			

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

Commission District(s) 1

Sub-Project Budget / Estimated 1,300,000

REVENUES

	0	0	0	0	143,794	1,156,206	0	0	0	0	1,300,000	Future WASHD Revenue Bonds
--	---	---	---	---	---------	-----------	---	---	---	---	-----------	----------------------------

TOTAL	0	0	0	0	143,794	1,156,206	0	0	0	0	1,300,000	
--------------	----------	----------	----------	----------	----------------	------------------	----------	----------	----------	----------	------------------	--

EXPENDITURES

	0	0	0	0	143,794	1,156,206	0	0	0	0	1,300,000	Future WASHD Revenue Bonds
--	---	---	---	---	---------	-----------	---	---	---	---	-----------	----------------------------

TOTAL	0	0	0	0	143,794	1,156,206	0	0	0	0	1,300,000	
--------------	----------	----------	----------	----------	----------------	------------------	----------	----------	----------	----------	------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.101887 S MEDLEY YARD BUILDING

Commission District(s) 12

Sub-Project Budget / Estimated **1,643,623**

REVENUES

	0	0	0	915,420	0	0	0	0	0	0	915,420	2016 Wastewater Revenue Bonds Sold
	728,203	0	728,203	0	0	0	0	0	0	0	728,203	S Construction - 2013 Bonds
TOTAL	728,203	0	728,203	915,420	0	0	0	0	0	0	1,643,623	

EXPENDITURES

	0	0	0	915,420	0	0	0	0	0	0	915,420	2016 Wastewater Revenue Bonds Sold
	30,031	698,172	728,203	0	0	0	0	0	0	0	728,203	S Construction - 2013 Bonds
TOTAL	30,031	698,172	728,203	915,420	0	0	0	0	0	0	1,643,623	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total			

.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	0	40,590,000	40,590,000	Future Funding
	0	0	0	0	0	0	0	0	0	410,000	0	410,000	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	410,000	40,590,000	41,000,000	

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	40,590,000	40,590,000	Future Funding
	0	0	0	0	0	0	0	0	0	410,000	0	410,000	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	410,000	40,590,000	41,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total			

.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	0	2,358,514	2,358,514	Future Funding
	0	0	0	0	0	0	0	0	0	1,141,486	0	1,141,486	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	1,141,486	2,358,514	3,500,000	

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	2,358,514	2,358,514	Future Funding
	0	0	0	0	0	0	0	0	0	1,141,486	0	1,141,486	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	1,141,486	2,358,514	3,500,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.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	4,083,021	4,083,021	Future Funding
	0	0	0	0	0	0	0	0	0	916,979	0	916,979	Future WAST Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	916,979	4,083,021	5,000,000	
EXPENDITURES													
	0	0	0	0	0	0	0	0	0	0	4,083,021	4,083,021	Future Funding
	0	0	0	0	0	0	0	0	0	916,979	0	916,979	Future WAST Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	916,979	4,083,021	5,000,000	

.102030 S EMERGENCY PREPAREDNESS/RECOVERY PROJECTS

Commission District(s) 3

Sub-Project Budget / Estimated 25,000,000

REVENUES													
	0	0	0	0	0	0	0	0	0	0	25,000,000	25,000,000	Future Funding
TOTAL	0	0	0	0	0	0	0	0	0	0	25,000,000	25,000,000	
EXPENDITURES													
	0	0	0	0	0	0	0	0	0	0	25,000,000	25,000,000	Future Funding
TOTAL	0	0	0	0	0	0	0	0	0	0	25,000,000	25,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102052 S MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION

Commission District(s) 9

Sub-Project Budget / Estimated 2,250,000

REVENUES

	0	0	0	200,000	0	0	0	0	0	0	200,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,000,000	800,000	250,000	0	0	0	2,050,000	Future WASD Revenue Bonds
TOTAL	0	0	0	200,000	1,000,000	800,000	250,000	0	0	0	2,250,000	

EXPENDITURES

	0	0	0	200,000	0	0	0	0	0	0	200,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,000,000	800,000	250,000	0	0	0	2,050,000	Future WASD Revenue Bonds
TOTAL	0	0	0	200,000	1,000,000	800,000	250,000	0	0	0	2,250,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1014. CORROSION CONTROL FACILITIES IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9653381

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	7,488,337												
REVENUES													
		0	0	0	100,000	0	0	0	0	0	0	100,000	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	89,523	865,468	352,117	4,881,856	115,920	0	6,304,884	Future WASD Revenue Bonds
		1,083,453	0	1,083,453	0	0	0	0	0	0	0	1,083,453	S Construction - 2013 Bonds
TOTAL		1,083,453.0	0	1,083,453	100,000.0	89,523	865,468	352,117	4,881,856	115,920	0	7,488,337	
EXPENDITURES													
		0	0	0	100,000	0	0	0	0	0	0	100,000	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	89,523	865,468	352,117	4,881,856	115,920	0	6,304,884	Future WASD Revenue Bonds
		95,034	988,419	1,083,453	0	0	0	0	0	0	0	1,083,453	S Construction - 2013 Bonds
TOTAL		95,034.1	988,419	1,083,453	100,000.0	89,523	865,468	352,117	4,881,856	115,920	0	7,488,337	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1014. CORROSION CONTROL FACILITIES IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9653381

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.100984 S REFURBISH STRUCTURES IN PUMP STATIONS													
Commission District(s) 4,7,8													
Sub-Project Budget / Estimated 7,488,337													
REVENUES													
	0	0	0	100,000	0	0	0	0	0	0	0	100,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	89,523	865,468	352,117	4,881,856	115,920	0	0	6,304,884	Future WAST Revenue Bonds
	1,083,453	0	1,083,453	0	0	0	0	0	0	0	0	1,083,453	S Construction - 2013 Bonds
TOTAL	1,083,453	0	1,083,453	100,000	89,523	865,468	352,117	4,881,856	115,920	0	0	7,488,337	
EXPENDITURES													
	0	0	0	100,000	0	0	0	0	0	0	0	100,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	89,523	865,468	352,117	4,881,856	115,920	0	0	6,304,884	Future WAST Revenue Bonds
	95,034	988,419	1,083,453	0	0	0	0	0	0	0	0	1,083,453	S Construction - 2013 Bonds
TOTAL	95,034	988,419	1,083,453	100,000	89,523	865,468	352,117	4,881,856	115,920	0	0	7,488,337	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	346,606,724												
REVENUES													
		0	0	0	12,544,793	0	0	0	0	0	0	12,544,793	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	27,084,804	27,972,586	4,610,512	4,535,637	4,535,637	166,312,017	235,051,193	Future WASD Revenue Bonds
		10,000,000	3,000,000	13,000,000	11,300,000	7,000,000	8,055,983	0	0	0	0	39,355,983	Plant Expansion Fund - Wastewater
		13,449,951	0	13,449,951	0	0	0	0	0	0	0	13,449,951	S Construction - 2013 Bonds
		0	46,204,804	46,204,804	0	0	0	0	0	0	0	46,204,804	WASD Wastewater Commercial Paper - 2015
TOTAL		23,449,951.0	49,204,804	72,654,755	23,844,793.0	34,084,804	36,028,569	4,610,512	4,535,637	4,535,637	166,312,017	346,606,724	
EXPENDITURES													
		0	0	0	12,544,793	0	0	0	0	0	0	12,544,793	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	27,084,804	27,972,586	4,610,512	4,535,637	4,535,637	166,312,017	235,051,193	Future WASD Revenue Bonds
		0	9,990,109	9,990,109	7,110,420	7,044,812	7,160,642	8,050,000	0	0	0	39,355,983	Plant Expansion Fund - Wastewater
		13,449,951	0	13,449,951	0	0	0	0	0	0	0	13,449,951	S Construction - 2013 Bonds
		0	33,445,149	33,445,149	12,759,655	0	0	0	0	0	0	46,204,804	WASD Wastewater Commercial Paper - 2015
TOTAL		13,449,950.9	43,435,258	56,885,209	32,414,868.0	34,129,616	35,133,228	12,660,512	4,535,637	4,535,637	166,312,017	346,606,724	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1015. PUMP STATION IMPROVEMENTS PROGRAM

Commission District(s) Systemwide

OSBM No. 9651071

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.101454 S PUMP STATION IMPROVEMENT PROGRAM

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 157,612,921

REVENUES

	0	0	0	12,544,793	0	0	0	0	0	0	0	12,544,793	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	23,584,804	23,972,586	0	0	0	0	0	47,557,390	Future WAST Revenue Bonds
	10,000,000	3,000,000	13,000,000	11,300,000	7,000,000	8,055,983	0	0	0	0	0	39,355,983	Plant Expansion Fund - Wastewater
	13,449,951	0	13,449,951	0	0	0	0	0	0	0	0	13,449,951	S Construction - 2013 Bonds
	0	44,704,804	44,704,804	0	0	0	0	0	0	0	0	44,704,804	WAST Wastewater Commercial Paper - 2015
TOTAL	23,449,951	47,704,804	71,154,755	23,844,793	30,584,804	32,028,569	0	0	0	0	0	157,612,921	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1015. PUMP STATION IMPROVEMENTS PROGRAM

Commission District(s) Systemwide

OSBM No. 9651071

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
	0	0	0	12,544,793	0	0	0	0	0	0	0	12,544,793	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	23,584,804	23,972,586	0	0	0	0	0	47,557,390	Future WAST Revenue Bonds
	0	9,990,109	9,990,109	7,110,420	7,044,812	7,160,642	8,050,000	0	0	0	0	39,355,983	Plant Expansion Fund - Wastewater
	13,449,951	0	13,449,951	0	0	0	0	0	0	0	0	13,449,951	S Construction - 2013 Bonds
	0	33,445,149	33,445,149	11,259,655	0	0	0	0	0	0	0	44,704,804	WASD Wastewater Commercial Paper - 2015
TOTAL	13,449,951	43,435,258	56,885,209	30,914,868	30,629,616	31,133,228	8,050,000	0	0	0	0	157,612,921	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1015. PUMP STATION IMPROVEMENTS PROGRAM
Commission District(s) Systemwide
OSBM No. 9651071

Version 4

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102192 S OUT OF COMPLIANCE PUMP STATIONS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 188,993,803

REVENUES

0	0	0	0	3,500,000	4,000,000	4,610,512	4,535,637	4,535,637	166,312,017	187,493,803	Future WASH Revenue Bonds
---	---	---	---	-----------	-----------	-----------	-----------	-----------	-------------	-------------	------------------------------

0	1,500,000	1,500,000	0	0	0	0	0	0	0	1,500,000	WASH Wastewater Commercial Paper - 2015
---	-----------	-----------	---	---	---	---	---	---	---	-----------	---

TOTAL	0	1,500,000	1,500,000	0	3,500,000	4,000,000	4,610,512	4,535,637	4,535,637	166,312,017	188,993,803
--------------	----------	------------------	------------------	----------	------------------	------------------	------------------	------------------	------------------	--------------------	--------------------

EXPENDITURES

0	0	0	0	3,500,000	4,000,000	4,610,512	4,535,637	4,535,637	166,312,017	187,493,803	Future WASH Revenue Bonds
---	---	---	---	-----------	-----------	-----------	-----------	-----------	-------------	-------------	------------------------------

0	0	0	1,500,000	0	0	0	0	0	0	1,500,000	WASH Wastewater Commercial Paper - 2015
---	---	---	-----------	---	---	---	---	---	---	-----------	---

TOTAL	0	0	0	1,500,000	3,500,000	4,000,000	4,610,512	4,535,637	4,535,637	166,312,017	188,993,803
--------------	----------	----------	----------	------------------	------------------	------------------	------------------	------------------	------------------	--------------------	--------------------



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future			
	592,171,725													
REVENUES														
		0	0	0	18,537,222	0	0	0	0	0	0	18,537,222	2016 Wastewater Revenue Bonds Sold	
		0	0	0	0	14,103,608	9,207,951	29,274,036	16,013,775	10,219,543	432,468,920	511,287,833	Future WAST Revenue Bonds	
		37,283,801	258,345	37,542,146	0	0	0	0	0	0	0	37,542,146	Plant Expansion Fund - Wastewater	
		0	24,804,524	24,804,524	0	0	0	0	0	0	0	24,804,524	WAST Wastewater Commercial Paper - 2015	
TOTAL		37,283,801.0	25,062,869	62,346,670	18,537,222.0	14,103,608	9,207,951	29,274,036	16,013,775	10,219,543	432,468,920	592,171,725		
EXPENDITURES														
		0	0	0	18,537,222	0	0	0	0	0	0	18,537,222	2016 Wastewater Revenue Bonds Sold	
		0	0	0	0	14,103,608	9,207,951	29,274,036	16,013,775	10,219,543	432,468,920	511,287,833	Future WAST Revenue Bonds	
		37,283,800	258,345	37,542,145	0	0	0	0	0	0	0	37,542,145	Plant Expansion Fund - Wastewater	
		0	23,116,034	23,116,034	1,688,490	0	0	0	0	0	0	24,804,524	WAST Wastewater Commercial Paper - 2015	
TOTAL		37,283,800.2	23,374,379	60,658,179	20,225,712.0	14,103,608	9,207,951	29,274,036	16,013,775	10,219,543	432,468,920	592,171,724		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101710 S MASTER PUMP STATION NO. 3 (FORMERLY P.S. 8)													
Commission District(s) 5													
Sub-Project Budget / Estimated	62,666,284												
REVENUES													
	0	0	0	5,013,275	0	0	0	0	0	0	0	5,013,275	2016 Wastewater Revenue Bonds Sold
	37,053,974	0	37,053,974	0	0	0	0	0	0	0	0	37,053,974	Plant Expansion Fund - Wastewater
	0	20,599,035	20,599,035	0	0	0	0	0	0	0	0	20,599,035	WASD Wastewater Commercial Paper - 2015
TOTAL	37,053,974	20,599,035	57,653,009	5,013,275	0	0	0	0	0	0	0	62,666,284	
EXPENDITURES													
	0	0	0	5,013,275	0	0	0	0	0	0	0	5,013,275	2016 Wastewater Revenue Bonds Sold
	37,053,974	0	37,053,974	0	0	0	0	0	0	0	0	37,053,974	Plant Expansion Fund - Wastewater
	0	20,599,035	20,599,035	0	0	0	0	0	0	0	0	20,599,035	WASD Wastewater Commercial Paper - 2015
TOTAL	37,053,974	20,599,035	57,653,009	5,013,275	0	0	0	0	0	0	0	62,666,284	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.101759 S 48-INCH - ALLOWS P.S. 300 TO PUMP NORTH TO P.S. 1310 DISCHARGE (NL-7)

Commission District(s) 2,4

Sub-Project Budget / Estimated **2,900,000**

REVENUES

	0	0	0	1,639,053	0	0	0	0	0	0	0	1,639,053	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,026,597	0	0	0	0	0	0	1,026,597	Future WAST Revenue Bonds
	0	234,350	234,350	0	0	0	0	0	0	0	0	234,350	WAST Wastewater Commercial Paper - 2015
TOTAL	0	234,350	234,350	1,639,053	1,026,597	0	0	0	0	0	0	2,900,000	

EXPENDITURES

	0	0	0	1,639,053	0	0	0	0	0	0	0	1,639,053	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,026,597	0	0	0	0	0	0	1,026,597	Future WAST Revenue Bonds
	0	234,350	234,350	0	0	0	0	0	0	0	0	234,350	WAST Wastewater Commercial Paper - 2015
TOTAL	0	234,350	234,350	1,639,053	1,026,597	0	0	0	0	0	0	2,900,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101774 S FORCE MAIN IN DORAL N.W. 107TH AVE.													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 12,624,127													
REVENUES													
	0	0	0	5,754,164	0	0	0	0	0	0	0	5,754,164	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	3,550,197	0	0	0	0	0	0	3,550,197	Future WASD Revenue Bonds
	229,827	258,345	488,172	0	0	0	0	0	0	0	0	488,172	Plant Expansion Fund - Wastewater
	0	2,831,594	2,831,594	0	0	0	0	0	0	0	0	2,831,594	WASD Wastewater Commercial Paper - 2015
TOTAL	229,827	3,089,939	3,319,766	5,754,164	3,550,197	0	0	0	0	0	0	12,624,127	
EXPENDITURES													
	0	0	0	5,754,164	0	0	0	0	0	0	0	5,754,164	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	3,550,197	0	0	0	0	0	0	3,550,197	Future WASD Revenue Bonds
	229,827	258,345	488,172	0	0	0	0	0	0	0	0	488,172	Plant Expansion Fund - Wastewater
	0	1,143,104	1,143,104	1,688,490	0	0	0	0	0	0	0	2,831,594	WASD Wastewater Commercial Paper - 2015
TOTAL	229,827	1,401,449	1,631,276	7,442,654	3,550,197	0	0	0	0	0	0	12,624,127	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	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	500,000	0	0	0	0	0	0	500,000 Future WASD Revenue Bonds
TOTAL	0	0	0	0	500,000	0	0	0	0	0	0	500,000
EXPENDITURES												
	0	0	0	0	500,000	0	0	0	0	0	0	500,000 Future WASD Revenue Bonds
TOTAL	0	0	0	0	500,000	0	0	0	0	0	0	500,000



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.101861 S CORAL GABLES REROUTE (CL-2)

Commission District(s) 7

Sub-Project Budget / Estimated 30,650,000

REVENUES

	0	0	0	484,551	0	0	0	0	0	0	0	484,551	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,940,985	1,763,669	21,152,753	5,308,042	0	0	0	30,165,449	Future WAST Revenue Bonds
TOTAL	0	0	0	484,551	1,940,985	1,763,669	21,152,753	5,308,042	0	0	0	30,650,000	

EXPENDITURES

	0	0	0	484,551	0	0	0	0	0	0	0	484,551	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,940,985	1,763,669	21,152,753	5,308,042	0	0	0	30,165,449	Future WAST Revenue Bonds
TOTAL	0	0	0	484,551	1,940,985	1,763,669	21,152,753	5,308,042	0	0	0	30,650,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.101864 S PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)													
Commission District(s) 1,2,3,4,5,6,7,8,9,10,11,12,13													
Sub-Project Budget / Estimated 402,730,000													
REVENUES													
	0	0	0	2,501,086	0	0	0	0	0	0	0	2,501,086	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	3,397,032	4,293,490	4,165,924	4,724,706	4,678,842	378,468,920	399,728,914	399,728,914	Future WAST Revenue Bonds
	0	500,000	500,000	0	0	0	0	0	0	0	0	500,000	WAST Wastewater Commercial Paper - 2015
TOTAL	0	500,000	500,000	2,501,086	3,397,032	4,293,490	4,165,924	4,724,706	4,678,842	378,468,920	402,730,000		
EXPENDITURES													
	0	0	0	2,501,086	0	0	0	0	0	0	0	2,501,086	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	3,397,032	4,293,490	4,165,924	4,724,706	4,678,842	378,468,920	399,728,914	399,728,914	Future WAST Revenue Bonds
	0	500,000	500,000	0	0	0	0	0	0	0	0	500,000	WAST Wastewater Commercial Paper - 2015
TOTAL	0	500,000	500,000	2,501,086	3,397,032	4,293,490	4,165,924	4,724,706	4,678,842	378,468,920	402,730,000		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

	Prior			Projections								Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		
.101865 S PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)													
Commission District(s) 1, 2, 3, 4, 5, 6, 7, 8, 9,10,11,12,13													
Sub-Project Budget / Estimated 64,302,414													
REVENUES													
		0	0	0	1,245,093	0	0	0	0	0	0	1,245,093	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	1,763,150	2,438,635	3,746,429	4,000,000	2,469,562	48,000,000	62,417,776	Future WASD Revenue Bonds
		0	639,545	639,545	0	0	0	0	0	0	0	639,545	WASD Wastewater Commercial Paper - 2015
TOTAL		0	639,545	639,545	1,245,093	1,763,150	2,438,635	3,746,429	4,000,000	2,469,562	48,000,000	64,302,414	
EXPENDITURES													
		0	0	0	1,245,093	0	0	0	0	0	0	1,245,093	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	1,763,150	2,438,635	3,746,429	4,000,000	2,469,562	48,000,000	62,417,776	Future WASD Revenue Bonds
		0	639,545	639,545	0	0	0	0	0	0	0	639,545	WASD Wastewater Commercial Paper - 2015
TOTAL		0	639,545	639,545	1,245,093	1,763,150	2,438,635	3,746,429	4,000,000	2,469,562	48,000,000	64,302,414	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102124 S UPGRADE TO PS 552 (SP-522E)

Commission District(s) 9

Sub-Project Budget / Estimated 12,000,000

REVENUES

0	0	0	0	0	26,747	712,157	208,930	1,981,027	3,071,139	6,000,000	12,000,000	Future WASD Revenue Bonds
---	---	---	---	---	--------	---------	---------	-----------	-----------	-----------	------------	---------------------------

TOTAL	0	0	0	0	26,747	712,157	208,930	1,981,027	3,071,139	6,000,000	12,000,000	
--------------	----------	----------	----------	----------	---------------	----------------	----------------	------------------	------------------	------------------	-------------------	--

EXPENDITURES

0	0	0	0	0	26,747	712,157	208,930	1,981,027	3,071,139	6,000,000	12,000,000	Future WASD Revenue Bonds
---	---	---	---	---	--------	---------	---------	-----------	-----------	-----------	------------	---------------------------

TOTAL	0	0	0	0	26,747	712,157	208,930	1,981,027	3,071,139	6,000,000	12,000,000	
--------------	----------	----------	----------	----------	---------------	----------------	----------------	------------------	------------------	------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102194 S WASTEWATER MASTER PLAN

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **3,798,900**

REVENUES

	0	0	0	1,900,000	0	0	0	0	0	0	1,900,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,898,900	0	0	0	0	0	1,898,900	Future WAST Revenue Bonds
TOTAL	0	0	0	1,900,000	1,898,900	0	0	0	0	0	3,798,900	

EXPENDITURES

	0	0	0	1,900,000	0	0	0	0	0	0	1,900,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,898,900	0	0	0	0	0	1,898,900	Future WAST Revenue Bonds
TOTAL	0	0	0	1,900,000	1,898,900	0	0	0	0	0	3,798,900	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future			
243,601,101														
REVENUES														
	0	0	0	2,660,342	0	0	0	0	0	0	0	2,660,342	2016 Wastewater Revenue Bonds Sold	
	2,435,015	0	2,435,015	0	0	0	0	0	0	0	0	2,435,015	Construction - 2010 Bonds	
	0	0	0	0	0	0	0	0	0	0	190,133,491	190,133,491	Future Funding	
	0	0	0	0	2,113,135	4,113,135	3,038,444	0	0	0	0	9,264,714	Future WASD Revenue Bonds	
	9,555,535	0	9,555,535	0	0	0	0	0	0	0	0	9,555,535	S Construction - 2013 Bonds	
	0	2,113,135	2,113,135	0	0	0	0	0	0	0	0	2,113,135	WASD Wastewater Commercial Paper - 2015	
	10,734,869	0	10,734,869	7,704,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	27,438,869	27,438,869	Wastewater Renewal & Replacement Fund	
TOTAL	22,725,419.0	2,113,135	24,838,554	10,364,342.0	3,613,135	5,613,135	4,538,444	1,500,000	1,500,000	191,633,491	243,601,101			
EXPENDITURES														
	0	0	0	2,660,342	0	0	0	0	0	0	0	2,660,342	2016 Wastewater Revenue Bonds Sold	
	2,435,015	0	2,435,015	0	0	0	0	0	0	0	0	2,435,015	Construction - 2010 Bonds	
	0	0	0	0	0	0	0	0	0	0	190,133,491	190,133,491	Future Funding	
	0	0	0	0	2,113,135	4,113,135	3,038,444	0	0	0	0	9,264,714	Future WASD Revenue Bonds	
	3,263,274	6,292,261	9,555,535	0	0	0	0	0	0	0	0	9,555,535	S Construction - 2013 Bonds	
	0	2,113,135	2,113,135	0	0	0	0	0	0	0	0	2,113,135	WASD Wastewater Commercial Paper - 2015	
	7,706,937	2,827,932	10,534,869	7,904,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	27,438,869	27,438,869	Wastewater Renewal & Replacement Fund	
TOTAL	13,405,226.6	11,233,328	24,638,555	10,564,342.0	3,613,135	5,613,135	4,538,444	1,500,000	1,500,000	191,633,491	243,601,102			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.100877 S SANITARY SEWER SYSTEM EXTENSION													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 36,398,303													
REVENUES													
	0	0	0	2,113,135	0	0	0	0	0	0	0	2,113,135	2016 Wastewater Revenue Bonds Sold
	2,399,167	0	2,399,167	0	0	0	0	0	0	0	0	2,399,167	Construction - 2010 Bonds
	0	0	0	0	2,113,135	4,113,135	3,038,444	0	0	0	0	9,264,714	Future WASD Revenue Bonds
	2,721,972	0	2,721,972	0	0	0	0	0	0	0	0	2,721,972	S Construction - 2013 Bonds
	0	2,113,135	2,113,135	0	0	0	0	0	0	0	0	2,113,135	WASD Wastewater Commercial Paper - 2015
	4,082,180	0	4,082,180	7,704,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	17,786,180	Wastewater Renewal & Replacement Fund
TOTAL	9,203,319	2,113,135	11,316,454	9,817,135	3,113,135	5,113,135	4,038,444	1,000,000	1,000,000	1,000,000	1,000,000	36,398,303	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
	0	0	0	2,113,135	0	0	0	0	0	0	0	2,113,135	2016 Wastewater Revenue Bonds Sold
	2,399,167	0	2,399,167	0	0	0	0	0	0	0	0	2,399,167	Construction - 2010 Bonds
	0	0	0	0	2,113,135	4,113,135	3,038,444	0	0	0	0	9,264,714	Future WAsD Revenue Bonds
	0	2,721,972	2,721,972	0	0	0	0	0	0	0	0	2,721,972	S Construction - 2013 Bonds
	0	2,113,135	2,113,135	0	0	0	0	0	0	0	0	2,113,135	WAsD Wastewater Commercial Paper - 2015
	1,254,248	2,827,932	4,082,180	7,704,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	17,786,180	Wastewater Renewal & Replacement Fund
TOTAL	3,653,415	7,663,039	11,316,454	9,817,135	3,113,135	5,113,135	4,038,444	1,000,000	1,000,000	1,000,000	1,000,000	36,398,303	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.101722 S DESIGN AND ENGINEERING SERVICES FOR SANITARY SEWER FORCE MAINS AND SANITARY SEWER GRAVITY MAINS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **721,630**

REVENUES

	721,630	0	721,630	0	0	0	0	0	0	0	0	721,630	S Construction - 2013 Bonds
--	---------	---	---------	---	---	---	---	---	---	---	---	---------	--------------------------------

TOTAL **721,630** **0** **721,630** **0** **0** **0** **0** **0** **0** **0** **0** **721,630**

EXPENDITURES

	0	721,630	721,630	0	0	0	0	0	0	0	0	721,630	S Construction - 2013 Bonds
--	---	---------	---------	---	---	---	---	---	---	---	---	---------	--------------------------------

TOTAL **0** **721,630** **721,630** **0** **0** **0** **0** **0** **0** **0** **0** **721,630**



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101733 S SANITARY SEWER SYSTEM EXTENSION FOR JPA's													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 12,724,293													
REVENUES													
	35,848	0	35,848	0	0	0	0	0	0	0	0	35,848	Construction - 2010 Bonds
	3,035,756	0	3,035,756	0	0	0	0	0	0	0	0	3,035,756	S Construction - 2013 Bonds
	6,652,689	0	6,652,689	0	500,000	500,000	500,000	500,000	500,000	500,000	500,000	9,652,689	Wastewater Renewal & Replacement Fund
TOTAL	9,724,293	0	9,724,293	0	500,000	500,000	500,000	500,000	500,000	500,000	500,000	12,724,293	
EXPENDITURES													
	35,848	0	35,848	0	0	0	0	0	0	0	0	35,848	Construction - 2010 Bonds
	3,035,756	0	3,035,756	0	0	0	0	0	0	0	0	3,035,756	S Construction - 2013 Bonds
	6,452,689	0	6,452,689	200,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	9,652,689	Wastewater Renewal & Replacement Fund
TOTAL	9,524,294	0	9,524,294	200,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	12,724,294	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102128 S 6" FM FROM PS 746 TO SW 156 ST & US1

Commission District(s) 8

Sub-Project Budget / Estimated **2,102,852**

REVENUES

	0	0	0	547,207	0	0	0	0	0	0	547,207	2016 Wastewater Revenue Bonds Sold
	1,555,645	0	1,555,645	0	0	0	0	0	0	0	1,555,645	S Construction - 2013 Bonds
TOTAL	1,555,645	0	1,555,645	547,207	0	0	0	0	0	0	2,102,852	

EXPENDITURES

	0	0	0	547,207	0	0	0	0	0	0	547,207	2016 Wastewater Revenue Bonds Sold
	111,153	1,444,492	1,555,645	0	0	0	0	0	0	0	1,555,645	S Construction - 2013 Bonds
TOTAL	111,153	1,444,492	1,555,645	547,207	0	0	0	0	0	0	2,102,852	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102129 S 6" PVC FM FROM PS 1070 SOUTH TO MH 19

Commission District(s) 9

Sub-Project Budget / Estimated 950,887

REVENUES

	950,887	0	950,887	0	0	0	0	0	0	0	0	950,887	S Construction - 2013 Bonds
--	---------	---	---------	---	---	---	---	---	---	---	---	---------	--------------------------------

TOTAL	950,887	0	950,887	0	0	0	0	0	0	0	0	950,887	
--------------	----------------	----------	----------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	--

EXPENDITURES

	46,720	904,167	950,887	0	0	0	0	0	0	0	0	950,887	S Construction - 2013 Bonds
--	--------	---------	---------	---	---	---	---	---	---	---	---	---------	--------------------------------

TOTAL	46,720	904,167	950,887	0	0	0	0	0	0	0	0	950,887	
--------------	---------------	----------------	----------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	--

.102130 S REPLACE 8" FM FROM PS 149 SOUTH TO NW 112 AVE & W. FLAGLER ST

Commission District(s) 12

Sub-Project Budget / Estimated 569,645

REVENUES

	569,645	0	569,645	0	0	0	0	0	0	0	0	569,645	S Construction - 2013 Bonds
--	---------	---	---------	---	---	---	---	---	---	---	---	---------	--------------------------------

TOTAL	569,645	0	569,645	0	0	0	0	0	0	0	0	569,645	
--------------	----------------	----------	----------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	--

EXPENDITURES

	69,645	500,000	569,645	0	0	0	0	0	0	0	0	569,645	S Construction - 2013 Bonds
--	--------	---------	---------	---	---	---	---	---	---	---	---	---------	--------------------------------

TOTAL	69,645	500,000	569,645	0	0	0	0	0	0	0	0	569,645	
--------------	---------------	----------------	----------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102195 S WASTEWATER NEEDS ASSESMENT FOR NEW GRAVITY SEWER PHASE 1

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 190,133,491

REVENUES

0	0	0	0	0	0	0	0	0	0	0	190,133,491	190,133,491	Future Funding
---	---	---	---	---	---	---	---	---	---	---	-------------	-------------	----------------

TOTAL

0	0	0	0	0	0	0	0	0	0	0	190,133,491	190,133,491	
---	---	---	---	---	---	---	---	---	---	---	-------------	-------------	--

EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	190,133,491	190,133,491	Future Funding
---	---	---	---	---	---	---	---	---	---	---	-------------	-------------	----------------

TOTAL

0	0	0	0	0	0	0	0	0	0	0	190,133,491	190,133,491	
---	---	---	---	---	---	---	---	---	---	---	-------------	-------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
105,068,154													
REVENUES													
		0	0	0	3,674,994	0	0	0	0	0	0	3,674,994	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	7,194,119	16,023,901	13,805,765	49,735,059	11,879,682	351,200	98,989,726	Future WAST Revenue Bonds
	648,689		0	648,689	0	0	0	0	0	0	0	648,689	S Construction - 2013 Bonds
	0	1,754,745		1,754,745	0	0	0	0	0	0	0	1,754,745	WAST Wastewater Commercial Paper - 2015
TOTAL	648,689.0	1,754,745	1,754,745	2,403,434	3,674,994.0	7,194,119	16,023,901	13,805,765	49,735,059	11,879,682	351,200	105,068,154	
EXPENDITURES													
		0	0	0	3,674,994	0	0	0	0	0	0	3,674,994	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	7,194,119	16,023,901	13,805,765	49,735,059	11,879,682	351,200	98,989,726	Future WAST Revenue Bonds
	424,602		224,087	648,689	0	0	0	0	0	0	0	648,689	S Construction - 2013 Bonds
	0	1,754,745		1,754,745	0	0	0	0	0	0	0	1,754,745	WAST Wastewater Commercial Paper - 2015
TOTAL	424,601.6	1,978,832	1,978,832	2,403,434	3,674,994.0	7,194,119	16,023,901	13,805,765	49,735,059	11,879,682	351,200	105,068,154	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.101816 S INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 2,300,000													
REVENUES													
	0	0	0	250,000	0	0	0	0	0	0	0	250,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	250,000	250,000	250,000	250,000	250,000	250,000	0	1,250,000	Future WASD Revenue Bonds
	0	800,000	800,000	0	0	0	0	0	0	0	0	800,000	WASD Wastewater Commercial Paper - 2015
TOTAL	0	800,000	800,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	0	2,300,000	
EXPENDITURES													
	0	0	0	250,000	0	0	0	0	0	0	0	250,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	250,000	250,000	250,000	250,000	250,000	250,000	0	1,250,000	Future WASD Revenue Bonds
	0	800,000	800,000	0	0	0	0	0	0	0	0	800,000	WASD Wastewater Commercial Paper - 2015
TOTAL	0	800,000	800,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	0	2,300,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.101823 S INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 1,655,000

REVENUES

	0	0	0	250,000	0	0	0	0	0	0	0	250,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	275,000	275,000	285,000	285,000	285,000	0	0	1,405,000	Future WASD Revenue Bonds

TOTAL

0 0 0 250,000 275,000 275,000 285,000 285,000 285,000 0 1,655,000

EXPENDITURES

	0	0	0	250,000	0	0	0	0	0	0	0	250,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	275,000	275,000	285,000	285,000	285,000	0	0	1,405,000	Future WASD Revenue Bonds

TOTAL

0 0 0 250,000 275,000 275,000 285,000 285,000 285,000 0 1,655,000



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.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	1,875,000	0	0	0	0	0	0	0	1,875,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,875,000	1,975,000	1,875,000	1,980,000	1,880,000	0	0	9,585,000	Future WAST Revenue Bonds
	0	800,000	800,000	0	0	0	0	0	0	0	0	800,000	WAST Wastewater Commercial Paper - 2015
TOTAL	0	800,000	800,000	1,875,000	1,875,000	1,975,000	1,875,000	1,980,000	1,880,000	0	0	12,260,000	

EXPENDITURES

	0	0	0	1,875,000	0	0	0	0	0	0	0	1,875,000	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,875,000	1,975,000	1,875,000	1,980,000	1,880,000	0	0	9,585,000	Future WAST Revenue Bonds
	0	800,000	800,000	0	0	0	0	0	0	0	0	800,000	WAST Wastewater Commercial Paper - 2015
TOTAL	0	800,000	800,000	1,875,000	1,875,000	1,975,000	1,875,000	1,980,000	1,880,000	0	0	12,260,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.101930 S REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 5,275,000

REVENUES

	0	0	0	78,848	0	0	0	0	0	0	0	78,848	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	652,995	310,383	3,749,256	158,518	0	0	0	4,871,152	Future WAST Revenue Bonds
	325,000	0	325,000	0	0	0	0	0	0	0	0	325,000	S Construction - 2013 Bonds
TOTAL	325,000	0	325,000	78,848	652,995	310,383	3,749,256	158,518	0	0	0	5,275,000	

EXPENDITURES

	0	0	0	78,848	0	0	0	0	0	0	0	78,848	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	652,995	310,383	3,749,256	158,518	0	0	0	4,871,152	Future WAST Revenue Bonds
	224,648	100,352	325,000	0	0	0	0	0	0	0	0	325,000	S Construction - 2013 Bonds
TOTAL	224,648	100,352	325,000	78,848	652,995	310,383	3,749,256	158,518	0	0	0	5,275,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.101933 S REPLACEMENT OF SUBMERSIBLE PUMPING EQUIPMENT

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **1,010,001**

REVENUES

	0	0	0	446,730	0	0	0	0	0	0	0	446,730	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	239,582	0	0	0	0	0	0	239,582	Future WASD Revenue Bonds
	323,689	0	323,689	0	0	0	0	0	0	0	0	323,689	S Construction - 2013 Bonds
TOTAL	323,689	0	323,689	446,730	239,582	0	0	0	0	0	0	1,010,001	

EXPENDITURES

	0	0	0	446,730	0	0	0	0	0	0	0	446,730	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	239,582	0	0	0	0	0	0	239,582	Future WASD Revenue Bonds
	199,954	123,735	323,689	0	0	0	0	0	0	0	0	323,689	S Construction - 2013 Bonds
TOTAL	199,954	123,735	323,689	446,730	239,582	0	0	0	0	0	0	1,010,001	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.101934 S REPLACEMENT OF VARIABLE REQUENCY DRIVES (VFD)													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 11,098,150													
REVENUES													
		0	0	0	524,416	0	0	0	0	0	0	524,416	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	750,000	3,567,789	2,500,000	1,750,000	1,500,000	351,200	10,418,989	Future WASD Revenue Bonds
		0	154,745	154,745	0	0	0	0	0	0	0	154,745	WASD Wastewater Commercial Paper - 2015
TOTAL		0	154,745	154,745	524,416	750,000	3,567,789	2,500,000	1,750,000	1,500,000	351,200	11,098,150	
EXPENDITURES													
		0	0	0	524,416	0	0	0	0	0	0	524,416	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	750,000	3,567,789	2,500,000	1,750,000	1,500,000	351,200	10,418,989	Future WASD Revenue Bonds
		0	154,745	154,745	0	0	0	0	0	0	0	154,745	WASD Wastewater Commercial Paper - 2015
TOTAL		0	154,745	154,745	524,416	750,000	3,567,789	2,500,000	1,750,000	1,500,000	351,200	11,098,150	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102159 S CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE

Commission District(s)

Sub-Project Budget / Estimated **11,970,000**

REVENUES

0	0	0	250,000	0	0	0	0	0	0	0	250,000	2016 Wastewater Revenue Bonds Sold
0	0	0	0	2,250,000	2,350,000	2,460,000	2,460,000	2,200,000	0	11,720,000	Future WAST Revenue Bonds	

TOTAL

0	0	0	250,000	2,250,000	2,350,000	2,460,000	2,460,000	2,200,000	0	11,970,000
---	---	---	---------	-----------	-----------	-----------	-----------	-----------	---	------------

EXPENDITURES

0	0	0	250,000	0	0	0	0	0	0	0	250,000	2016 Wastewater Revenue Bonds Sold
0	0	0	0	2,250,000	2,350,000	2,460,000	2,460,000	2,200,000	0	11,720,000	Future WAST Revenue Bonds	

TOTAL

0	0	0	250,000	2,250,000	2,350,000	2,460,000	2,460,000	2,200,000	0	11,970,000
---	---	---	---------	-----------	-----------	-----------	-----------	-----------	---	------------



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.102160 S CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE

Commission District(s)

Sub-Project Budget / Estimated **20,000,000**

REVENUES

0	0	0	0	0	351,296	2,283,525	546,517	12,388,765	4,429,897	0	20,000,000	Future WASD Revenue Bonds
---	---	---	---	---	---------	-----------	---------	------------	-----------	---	------------	---------------------------

TOTAL

0	0	0	0	0	351,296	2,283,525	546,517	12,388,765	4,429,897	0	20,000,000
---	---	---	---	---	---------	-----------	---------	------------	-----------	---	------------

EXPENDITURES

0	0	0	0	0	351,296	2,283,525	546,517	12,388,765	4,429,897	0	20,000,000	Future WASD Revenue Bonds
---	---	---	---	---	---------	-----------	---------	------------	-----------	---	------------	---------------------------

TOTAL

0	0	0	0	0	351,296	2,283,525	546,517	12,388,765	4,429,897	0	20,000,000
---	---	---	---	---	---------	-----------	---------	------------	-----------	---	------------



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

		Prior			Projections								
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102161 S CONVERSION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE

Commission District(s)

Sub-Project Budget / Estimated **18,000,003**

REVENUES

	0	0	0	0	253,937	2,306,607	978,697	13,893,715	567,047	0	18,000,003	Future WASD Revenue Bonds
--	---	---	---	---	---------	-----------	---------	------------	---------	---	------------	------------------------------

TOTAL	0	0	0	0	253,937	2,306,607	978,697	13,893,715	567,047	0	18,000,003	
--------------	----------	----------	----------	----------	----------------	------------------	----------------	-------------------	----------------	----------	-------------------	--

EXPENDITURES

	0	0	0	0	253,937	2,306,607	978,697	13,893,715	567,047	0	18,000,003	Future WASD Revenue Bonds
--	---	---	---	---	---------	-----------	---------	------------	---------	---	------------	------------------------------

TOTAL	0	0	0	0	253,937	2,306,607	978,697	13,893,715	567,047	0	18,000,003	
--------------	----------	----------	----------	----------	----------------	------------------	----------------	-------------------	----------------	----------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102163 S PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT

Commission District(s)

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

REVENUES

0	0	0	0	0	141,076	1,281,448	543,721	7,718,729	315,026	0	10,000,000	Future WASD Revenue Bonds
---	---	---	---	---	---------	-----------	---------	-----------	---------	---	------------	---------------------------

TOTAL

0	0	0	0	0	141,076	1,281,448	543,721	7,718,729	315,026	0	10,000,000
---	---	---	---	---	---------	-----------	---------	-----------	---------	---	------------

EXPENDITURES

0	0	0	0	0	141,076	1,281,448	543,721	7,718,729	315,026	0	10,000,000	Future WASD Revenue Bonds
---	---	---	---	---	---------	-----------	---------	-----------	---------	---	------------	---------------------------

TOTAL

0	0	0	0	0	141,076	1,281,448	543,721	7,718,729	315,026	0	10,000,000
---	---	---	---	---	---------	-----------	---------	-----------	---------	---	------------



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102164 S REPLACEMENT OF CONE VALVES

Commission District(s)

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

REVENUES

0	0	0	0	0	51,223	391,034	179,134	3,166,167	212,442	0	4,000,000	Future WASD Revenue Bonds
---	---	---	---	---	--------	---------	---------	-----------	---------	---	-----------	---------------------------

TOTAL	0	0	0	0	51,223	391,034	179,134	3,166,167	212,442	0	4,000,000	
--------------	----------	----------	----------	----------	---------------	----------------	----------------	------------------	----------------	----------	------------------	--

EXPENDITURES

0	0	0	0	0	51,223	391,034	179,134	3,166,167	212,442	0	4,000,000	Future WASD Revenue Bonds
---	---	---	---	---	--------	---------	---------	-----------	---------	---	-----------	---------------------------

TOTAL	0	0	0	0	51,223	391,034	179,134	3,166,167	212,442	0	4,000,000	
--------------	----------	----------	----------	----------	---------------	----------------	----------------	------------------	----------------	----------	------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102165 S REPLACEMENT OF OBSOLETE GENERATORS

Commission District(s)

Sub-Project Budget / Estimated **7,500,000**

REVENUES

	0	0	0	0	104,010	1,033,115	438,440	5,684,165	240,270	0	7,500,000	Future WASD Revenue Bonds
--	---	---	---	---	---------	-----------	---------	-----------	---------	---	-----------	---------------------------

TOTAL	0	0	0	0	104,010	1,033,115	438,440	5,684,165	240,270	0	7,500,000	
--------------	----------	----------	----------	----------	----------------	------------------	----------------	------------------	----------------	----------	------------------	--

EXPENDITURES

	0	0	0	0	104,010	1,033,115	438,440	5,684,165	240,270	0	7,500,000	Future WASD Revenue Bonds
--	---	---	---	---	---------	-----------	---------	-----------	---------	---	-----------	---------------------------

TOTAL	0	0	0	0	104,010	1,033,115	438,440	5,684,165	240,270	0	7,500,000	
--------------	----------	----------	----------	----------	----------------	------------------	----------------	------------------	----------------	----------	------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1023. WASTEWATER TELEMETERING SYSTEM

Commission District(s) Systemwide

OSBM No. 9652481

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	8,086,786												
REVENUES													
		0	0	0	578,707	0	0	0	0	0	0	578,707	2016 Wastewater Revenue Bonds Sold
		1,375,711	0	1,375,711	0	0	0	0	0	0	0	1,375,711	Construction - 2010 Bonds
		0	700,000	700,000	0	0	0	0	0	0	0	700,000	WASD Wastewater Commercial Paper - 2015
		2,187,368	245,000	2,432,368	0	500,000	500,000	500,000	500,000	500,000	500,000	5,432,368	Wastewater Renewal & Replacement Fund
TOTAL		3,563,079.0	945,000	4,508,079	578,707.0	500,000	500,000	500,000	500,000	500,000	500,000	8,086,786	
EXPENDITURES													
		0	0	0	578,707	0	0	0	0	0	0	578,707	2016 Wastewater Revenue Bonds Sold
		1,375,711	0	1,375,711	0	0	0	0	0	0	0	1,375,711	Construction - 2010 Bonds
		0	700,000	700,000	0	0	0	0	0	0	0	700,000	WASD Wastewater Commercial Paper - 2015
		141,370	1,010,000	1,151,370	1,280,998	500,000	500,000	500,000	500,000	500,000	500,000	5,432,368	Wastewater Renewal & Replacement Fund
TOTAL		1,517,080.9	1,710,000	3,227,081	1,859,705.0	500,000	500,000	500,000	500,000	500,000	500,000	8,086,786	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1023. WASTEWATER TELEMETERING SYSTEM

Commission District(s) Systemwide

OSBM No. 9652481

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
.100621 S TELEMETERING SYSTEM - WASTEWATER														
Commission District(s) COUNTYWIDE														
Sub-Project Budget / Estimated	8,086,786													
REVENUES														
	0	0	0	578,707	0	0	0	0	0	0	0	578,707	2016 Wastewater Revenue Bonds Sold	
	1,375,711	0	1,375,711	0	0	0	0	0	0	0	0	1,375,711	Construction - 2010 Bonds	
	0	700,000	700,000	0	0	0	0	0	0	0	0	700,000	WASD Wastewater Commercial Paper - 2015	
	2,187,368	245,000	2,432,368	0	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,432,368	Wastewater Renewal & Replacement Fund	
TOTAL	3,563,079	945,000	4,508,079	578,707	500,000	500,000	500,000	500,000	500,000	500,000	500,000	8,086,786		
EXPENDITURES														
	0	0	0	578,707	0	0	0	0	0	0	0	578,707	2016 Wastewater Revenue Bonds Sold	
	1,375,711	0	1,375,711	0	0	0	0	0	0	0	0	1,375,711	Construction - 2010 Bonds	
	0	700,000	700,000	0	0	0	0	0	0	0	0	700,000	WASD Wastewater Commercial Paper - 2015	
	141,370	1,010,000	1,151,370	1,280,998	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5,432,368	Wastewater Renewal & Replacement Fund	
TOTAL	1,517,081	1,710,000	3,227,081	1,859,705	500,000	500,000	500,000	500,000	500,000	500,000	500,000	8,086,786		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1024. WASTEWATER SYSTEM MAINTENANCE AND UPGRADES

Commission District(s) Systemwide

OSBM No. 9650361

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	180,002,533												
REVENUES													
		3,187,825	0	3,187,825	0	0	0	0	0	0	0	3,187,825	Construction - 2010 Bonds
		22,771,767	15,614,500	38,386,267	18,428,441	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	176,814,708	Wastewater Renewal & Replacement Fund
TOTAL		25,959,592.0	15,614,500	41,574,092	18,428,441.0	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	180,002,533	
EXPENDITURES													
		3,187,825	0	3,187,825	0	0	0	0	0	0	0	3,187,825	Construction - 2010 Bonds
		22,771,767	15,614,500	38,386,267	18,428,441	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	176,814,708	Wastewater Renewal & Replacement Fund
TOTAL		25,959,592.1	15,614,500	41,574,092	18,428,441.0	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	180,002,533	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1024. WASTEWATER SYSTEM MAINTENANCE AND UPGRADES

Commission District(s) Systemwide

OSBM No. 9650361

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.100622 S WASTEWATER SYSTEM UPGRADES													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		180,002,533											
REVENUES													
	3,187,825	0	3,187,825	0	0	0	0	0	0	0	0	3,187,825	Construction - 2010 Bonds
	22,771,767	15,614,500	38,386,267	18,428,441	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	176,814,708	Wastewater Renewal & Replacement Fund
TOTAL	25,959,592	15,614,500	41,574,092	18,428,441	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	180,002,533	
EXPENDITURES													
	3,187,825	0	3,187,825	0	0	0	0	0	0	0	0	3,187,825	Construction - 2010 Bonds
	22,771,767	15,614,500	38,386,267	18,428,441	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	176,814,708	Wastewater Renewal & Replacement Fund
TOTAL	25,959,592	15,614,500	41,574,092	18,428,441	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	180,002,533	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	72,781,720												
REVENUES													
		0	0	0	2,500,000	0	0	0	0	0	0	2,500,000	2016 Wastewater Revenue Bonds Sold
		2,008,975	0	2,008,975	0	0	0	0	0	0	0	2,008,975	Construction - 2010 Bonds
		0	0	0	0	3,057,529	4,500,000	4,049,128	4,500,000	4,171,626	29,000,000	49,278,283	Future WASD Revenue Bonds
		0	650,000	650,000	0	0	0	0	0	0	0	650,000	WASD Wastewater Commercial Paper - 2015
		4,084,462	2,260,000	6,344,462	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,344,462	Wastewater Renewal & Replacement Fund
TOTAL		6,093,437.0	2,910,000	9,003,437	2,500,000.0	5,057,529	6,500,000	6,049,128	6,500,000	6,171,626	31,000,000	72,781,720	
EXPENDITURES													
		0	0	0	2,500,000	0	0	0	0	0	0	2,500,000	2016 Wastewater Revenue Bonds Sold
		2,008,976	0	2,008,976	0	0	0	0	0	0	0	2,008,976	Construction - 2010 Bonds
		0	0	0	0	3,057,529	4,500,000	4,049,128	4,500,000	4,171,626	29,000,000	49,278,283	Future WASD Revenue Bonds
		0	650,000	650,000	0	0	0	0	0	0	0	650,000	WASD Wastewater Commercial Paper - 2015
		4,024,462	2,260,000	6,284,462	60,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,344,462	Wastewater Renewal & Replacement Fund
TOTAL		6,033,437.5	2,910,000	8,943,438	2,560,000.0	5,057,529	6,500,000	6,049,128	6,500,000	6,171,626	31,000,000	72,781,721	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1025. LIFT STATION UPGRADES AND STRUCTURAL MAINTENANCE IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650371

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.100623 S LIFT STATION STRUCTURAL MAINTENANCE & UPGRADES

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **20,275,240**

REVENUES

	1,930,778	0	1,930,778	0	0	0	0	0	0	0	0	1,930,778	Construction - 2010 Bonds
	4,084,462	2,260,000	6,344,462	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,344,462	Wastewater Renewal & Replacement Fund
TOTAL	6,015,240	2,260,000	8,275,240	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	20,275,240	

EXPENDITURES

	1,930,778	0	1,930,778	0	0	0	0	0	0	0	0	1,930,778	Construction - 2010 Bonds
	4,024,462	2,260,000	6,284,462	60,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,344,462	Wastewater Renewal & Replacement Fund
TOTAL	5,955,240	2,260,000	8,215,240	60,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	20,275,240	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1025. LIFT STATION UPGRADES AND STRUCTURAL MAINTENANCE IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650371

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.101718 S DESIGN OF UPGRADES FOR SANITARY SEWER PUMP STATIONS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **78,197**

REVENUES

	78,197	0	78,197	0	0	0	0	0	0	0	0	78,197	Construction - 2010 Bonds
--	--------	---	--------	---	---	---	---	---	---	---	---	--------	---------------------------

TOTAL	78,197	0	78,197	0	0	0	0	0	0	0	0	78,197	
--------------	---------------	----------	---------------	----------	----------	----------	----------	----------	----------	----------	----------	---------------	--

EXPENDITURES

	78,197	0	78,197	0	0	0	0	0	0	0	0	78,197	Construction - 2010 Bonds
--	--------	---	--------	---	---	---	---	---	---	---	---	--------	---------------------------

TOTAL	78,197	0	78,197	0	0	0	0	0	0	0	0	78,197	
--------------	---------------	----------	---------------	----------	----------	----------	----------	----------	----------	----------	----------	---------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1025. LIFT STATION UPGRADES AND STRUCTURAL MAINTENANCE IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650371

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102126 S RELOCATION OF 20 PUMP STATIONS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		52,428,283											
REVENUES													
		0	0	0	2,500,000	0	0	0	0	0	0	2,500,000	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	3,057,529	4,500,000	4,049,128	4,500,000	4,171,626	29,000,000	49,278,283	Future WASD Revenue Bonds
		0	650,000	650,000	0	0	0	0	0	0	0	650,000	WASD Wastewater Commercial Paper - 2015
TOTAL		0	650,000	650,000	2,500,000	3,057,529	4,500,000	4,049,128	4,500,000	4,171,626	29,000,000	52,428,283	
EXPENDITURES													
		0	0	0	2,500,000	0	0	0	0	0	0	2,500,000	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	3,057,529	4,500,000	4,049,128	4,500,000	4,171,626	29,000,000	49,278,283	Future WASD Revenue Bonds
		0	650,000	650,000	0	0	0	0	0	0	0	650,000	WASD Wastewater Commercial Paper - 2015
TOTAL		0	650,000	650,000	2,500,000	3,057,529	4,500,000	4,049,128	4,500,000	4,171,626	29,000,000	52,428,283	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1027. WASTEWATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650301

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	123,367,904												
REVENUES													
		551,811	0	551,811	0	0	0	0	0	0	0	551,811	S Construction - 2013 Bonds
		25,509,436	15,871,017	41,380,453	12,435,640	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	122,816,093	Wastewater Renewal & Replacement Fund
TOTAL		26,061,246.6	15,871,017	41,932,264	12,435,640.0	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	123,367,904	
EXPENDITURES													
		0	551,811	551,811	0	0	0	0	0	0	0	551,811	S Construction - 2013 Bonds
		20,627,282	14,696,017	35,323,299	18,492,794	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	122,816,093	Wastewater Renewal & Replacement Fund
TOTAL		20,627,282.0	15,247,828	35,875,110	18,492,794.0	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	123,367,904	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1027. WASTEWATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650301

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
.100625 S MISCELLANEOUS TOOLS AND EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 37,505,823													
REVENUES													
	551,811	0	551,811	0	0	0	0	0	0	0	0	551,811	S Construction - 2013 Bonds
	17,419,462	4,534,550	21,954,012	0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	36,954,012	Wastewater Renewal & Replacement Fund
TOTAL	17,971,273	4,534,550	22,505,823	0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	37,505,823	
EXPENDITURES													
	0	551,811	551,811	0	0	0	0	0	0	0	0	551,811	S Construction - 2013 Bonds
	12,537,308	3,359,550	15,896,858	6,057,154	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	36,954,012	Wastewater Renewal & Replacement Fund
TOTAL	12,537,308	3,911,361	16,448,669	6,057,154	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	37,505,823	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1027. WASTEWATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650301

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.101729 S VEHICLES/TRANSPORTATION EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 56,018,505													
REVENUES													
		5,176,196	5,346,779	10,522,975	6,495,530	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	56,018,505	Wastewater Renewal & Replacement Fund
TOTAL		5,176,196	5,346,779	10,522,975	6,495,530	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	56,018,505	
EXPENDITURES													
		5,176,196	5,346,779	10,522,975	6,495,530	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	56,018,505	Wastewater Renewal & Replacement Fund
TOTAL		5,176,196	5,346,779	10,522,975	6,495,530	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	6,500,000	56,018,505	
.101730 S HEAVY CONSTRUCTION EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 29,843,576													
REVENUES													
		2,913,778	5,989,688	8,903,466	5,940,110	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	29,843,576	Wastewater Renewal & Replacement Fund
TOTAL		2,913,778	5,989,688	8,903,466	5,940,110	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	29,843,576	
EXPENDITURES													
		2,913,778	5,989,688	8,903,466	5,940,110	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	29,843,576	Wastewater Renewal & Replacement Fund
TOTAL		2,913,778	5,989,688	8,903,466	5,940,110	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	29,843,576	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1029. WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION

Commission District(s) Systemwide

OSBM No. 9653261

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future			
	149,463,002													
REVENUES														
		0	0	0	608,333	0	0	0	0	0	0	608,333	2016 Wastewater Revenue Bonds Sold	
		771,190	0	771,190	0	0	0	0	0	0	0	771,190	Construction - 2010 Bonds	
		0	0	0	0	0	0	0	0	0	51,650,000	51,650,000	Future Funding	
		0	0	0	0	608,333	3,526,484	0	0	0	0	4,134,817	Future WASD Revenue Bonds	
		3,051	0	3,051	0	0	0	0	0	0	0	3,051	S Construction - 2013 Bonds	
		0	608,333	608,333	0	0	0	0	0	0	0	608,333	WASD Wastewater Commercial Paper - 2015	
		30,575,501	7,408,111	37,983,612	11,703,666	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	91,687,278	Wastewater Renewal & Replacement Fund	
TOTAL		31,349,741.9	8,016,444	39,366,186	12,311,999.0	7,608,333	10,526,484	7,000,000	7,000,000	7,000,000	58,650,000	149,463,002		
EXPENDITURES														
		0	0	0	608,333	0	0	0	0	0	0	608,333	2016 Wastewater Revenue Bonds Sold	
		771,190	0	771,190	0	0	0	0	0	0	0	771,190	Construction - 2010 Bonds	
		0	0	0	0	0	0	0	0	0	51,650,000	51,650,000	Future Funding	
		0	0	0	0	608,333	3,526,484	0	0	0	0	4,134,817	Future WASD Revenue Bonds	
		3,051	0	3,051	0	0	0	0	0	0	0	3,051	S Construction - 2013 Bonds	
		0	608,333	608,333	0	0	0	0	0	0	0	608,333	WASD Wastewater Commercial Paper - 2015	
		12,913,778	23,799,000	36,712,778	12,974,500	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000	91,687,278	Wastewater Renewal & Replacement Fund	
TOTAL		13,688,018.8	24,407,333	38,095,352	13,582,833.0	7,608,333	10,526,484	7,000,000	7,000,000	7,000,000	58,650,000	149,463,002		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1029. WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION

Commission District(s) Systemwide

OSBM No. 9653261

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
.100627 S WASTEWATER TREATMENT PLANTS REHABILITATION													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		79,357,519											
REVENUES													
	771,190	0	771,190	0	0	0	0	0	0	0	0	771,190	Construction - 2010 Bonds
	3,051	0	3,051	0	0	0	0	0	0	0	0	3,051	S Construction - 2013 Bonds
	29,185,001	4,094,611	33,279,612	11,703,666	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	78,583,278	Wastewater Renewal & Replacement Fund
TOTAL	29,959,242	4,094,611	34,053,853	11,703,666	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	79,357,519	
EXPENDITURES													
	771,190	0	771,190	0	0	0	0	0	0	0	0	771,190	Construction - 2010 Bonds
	3,051	0	3,051	0	0	0	0	0	0	0	0	3,051	S Construction - 2013 Bonds
	12,913,778	20,273,000	33,186,778	11,796,500	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	78,583,278	Wastewater Renewal & Replacement Fund
TOTAL	13,688,019	20,273,000	33,961,019	11,796,500	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	5,600,000	79,357,519	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101732 S SECURITY PROJECTS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 18,455,483													
REVENUES													
	0	0	0	608,333	0	0	0	0	0	0	0	608,333	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	608,333	3,526,484	0	0	0	0	0	4,134,817	Future WAST Revenue Bonds
	0	608,333	608,333	0	0	0	0	0	0	0	0	608,333	WAST Wastewater Commercial Paper - 2015
	1,390,500	3,313,500	4,704,000	0	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	13,104,000	Wastewater Renewal & Replacement Fund
TOTAL	1,390,500	3,921,833	5,312,333	608,333	2,008,333	4,926,484	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	18,455,483	
EXPENDITURES													
	0	0	0	608,333	0	0	0	0	0	0	0	608,333	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	608,333	3,526,484	0	0	0	0	0	4,134,817	Future WAST Revenue Bonds
	0	608,333	608,333	0	0	0	0	0	0	0	0	608,333	WAST Wastewater Commercial Paper - 2015
	0	3,526,000	3,526,000	1,178,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	13,104,000	Wastewater Renewal & Replacement Fund
TOTAL	0	4,134,333	4,134,333	1,786,333	2,008,333	4,926,484	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	18,455,483	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1029. WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION

Commission District(s) Systemwide

OSBM No. 9653261

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102018 S UPGRADE WHOLESALE WASTEWATER FLOW METERS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 51,650,000

REVENUES

	0	0	0	0	0	0	0	0	0	0	51,650,000	51,650,000	Future Funding
--	---	---	---	---	---	---	---	---	---	---	------------	------------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	51,650,000	51,650,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	-------------------	-------------------	--

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	51,650,000	51,650,000	Future Funding
--	---	---	---	---	---	---	---	---	---	---	------------	------------	----------------

TOTAL	0	0	0	0	0	0	0	0	0	0	51,650,000	51,650,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1032. WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652061

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	14,300,000												
REVENUES													
		0	0	0	619,341	0	0	0	0	0	0	619,341	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	0	0	0	0	0	6,593,297	6,593,297	Future Funding
		0	0	0	0	688,743	288,424	3,793,312	160,180	906,703	0	5,837,362	Future WAST Revenue Bonds
	1,250,000		0	1,250,000	0	0	0	0	0	0	0	1,250,000	S Construction - 2013 Bonds
TOTAL		1,250,000.0	0	1,250,000	619,341.0	688,743	288,424	3,793,312	160,180	906,703	6,593,297	14,300,000	
EXPENDITURES													
		0	0	0	619,341	0	0	0	0	0	0	619,341	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	0	0	0	0	0	6,593,297	6,593,297	Future Funding
		0	0	0	0	688,743	288,424	3,793,312	160,180	906,703	0	5,837,362	Future WAST Revenue Bonds
	0	1,250,000		1,250,000	0	0	0	0	0	0	0	1,250,000	S Construction - 2013 Bonds
TOTAL		0.0	1,250,000	1,250,000	619,341.0	688,743	288,424	3,793,312	160,180	906,703	6,593,297	14,300,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1032. WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652061

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.101808 S EMD GENERATOR HOUSING REPLACEMENT AT WWTP

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **1,800,000**

REVENUES

	0	0	0	550,000	0	0	0	0	0	0	0	550,000	2016 Wastewater Revenue Bonds Sold
	1,250,000	0	1,250,000	0	0	0	0	0	0	0	0	1,250,000	S Construction - 2013 Bonds
TOTAL	1,250,000	0	1,250,000	550,000	0	0	0	0	0	0	0	1,800,000	

EXPENDITURES

	0	0	0	550,000	0	0	0	0	0	0	0	550,000	2016 Wastewater Revenue Bonds Sold
	0	1,250,000	1,250,000	0	0	0	0	0	0	0	0	1,250,000	S Construction - 2013 Bonds
TOTAL	0	1,250,000	1,250,000	550,000	0	0	0	0	0	0	0	1,800,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1032. WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652061

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.101885 S WWTP - VIDEO SURVEILANCE SYSTEM

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 5,000,000

REVENUES

	0	0	0	69,341	0	0	0	0	0	0	0	69,341	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	688,743	288,424	3,793,312	160,180	0	0	0	4,930,659	Future WAST Revenue Bonds
TOTAL	0	0	0	69,341	688,743	288,424	3,793,312	160,180	0	0	0	5,000,000	

EXPENDITURES

	0	0	0	69,341	0	0	0	0	0	0	0	69,341	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	688,743	288,424	3,793,312	160,180	0	0	0	4,930,659	Future WAST Revenue Bonds
TOTAL	0	0	0	69,341	688,743	288,424	3,793,312	160,180	0	0	0	5,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1032. WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652061

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102004 S WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 7,500,000

REVENUES

0 0 0 0 0 0 0 0 0 0 6,593,297 6,593,297 Future Funding

0 0 0 0 0 0 0 0 0 906,703 0 906,703 Future WAST Revenue Bonds

TOTAL 0 0 0 0 0 0 0 0 0 906,703 6,593,297 7,500,000

EXPENDITURES

0 0 0 0 0 0 0 0 0 0 6,593,297 6,593,297 Future Funding

0 0 0 0 0 0 0 0 0 906,703 0 906,703 Future WAST Revenue Bonds

TOTAL 0 0 0 0 0 0 0 0 0 906,703 6,593,297 7,500,000



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1039. MIAMI SPRINGS CONSTRUCTION FUND - WASTEWATER

Commission District(s) **6**

OSBM No. **969110**

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future			
REVENUES	1,326,105													
		1,326,105	0	1,326,105	0	0	0	0	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL		1,326,105.0	0	1,326,105	0.0	0	0	0	0	0	0	0	1,326,105	
EXPENDITURES														
		806,952	59,515	866,467	147,943	311,695	0	0	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL		806,951.7	59,515	866,467	147,943.0	311,695	0	0	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														
		1,326,105	0	1,326,105	0	0	0	0	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL		1,326,105	0	1,326,105	0	0	0	0	0	0	0	0	1,326,105	
EXPENDITURES														
		806,952	59,515	866,467	147,943	311,695	0	0	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL		806,952	59,515	866,467	147,943	311,695	0	0	0	0	0	0	1,326,105	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	3,694,404,809												
REVENUES													
		0	0	0	11,793,298	0	0	0	0	0	0	11,793,298	2016 Wastewater Revenue Bonds Sold
		344,254	0	344,254	0	0	0	0	0	0	0	344,254	Construction - 2010 Bonds
		0	0	0	0	44,788,648	52,571,723	63,205,911	72,847,615	107,726,266	3,255,334,412	3,596,474,575	Future WASD Revenue Bonds
		25,542	6,022,475	6,048,017	0	0	0	0	0	0	0	6,048,017	Plant Expansion Fund - Wastewater
		18,181,260	0	18,181,260	0	0	0	0	0	0	0	18,181,260	S Construction - 2013 Bonds
		10,268,806	9,619,081	19,887,887	0	0	0	0	0	0	0	19,887,887	State Revolving Loans - Wastewater
		0	41,675,518	41,675,518	0	0	0	0	0	0	0	41,675,518	WASD Wastewater Commercial Paper - 2015
TOTAL		28,819,862.0	57,317,074	86,136,936	11,793,298.0	44,788,648	52,571,723	63,205,911	72,847,615	107,726,266	3,255,334,412	3,694,404,809	
EXPENDITURES													
		0	0	0	11,793,298	0	0	0	0	0	0	11,793,298	2016 Wastewater Revenue Bonds Sold
		344,254	0	344,254	0	0	0	0	0	0	0	344,254	Construction - 2010 Bonds
		0	0	0	0	44,788,648	52,571,723	63,205,911	72,847,615	107,726,266	3,255,334,412	3,596,474,575	Future WASD Revenue Bonds
		25,542	6,022,475	6,048,017	0	0	0	0	0	0	0	6,048,017	Plant Expansion Fund - Wastewater
		14,260,421	3,920,839	18,181,260	0	0	0	0	0	0	0	18,181,260	S Construction - 2013 Bonds
		10,268,806	9,619,081	19,887,887	0	0	0	0	0	0	0	19,887,887	State Revolving Loans - Wastewater
		0	14,651,848	14,651,848	27,023,670	0	0	0	0	0	0	41,675,518	WASD Wastewater Commercial Paper - 2015
TOTAL		24,899,022.6	34,214,243	59,113,266	38,816,968.0	44,788,648	52,571,723	63,205,911	72,847,615	107,726,266	3,255,334,412	3,694,404,809	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.101858 S FLOW CONTROL PIPELINE INTERCONNECTION (CL-X)

Commission District(s) 1,2,3,4,5,6,7,8,9,10,11,12,13

Sub-Project Budget / Estimated 5,000,000

REVENUES

0	0	0	0	0	0	0	0	0	293,545	4,706,455	5,000,000	Future WASH Revenue Bonds
---	---	---	---	---	---	---	---	---	---------	-----------	-----------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	293,545	4,706,455	5,000,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	--

EXPENDITURES

0	0	0	0	0	0	0	0	0	293,545	4,706,455	5,000,000	Future WASH Revenue Bonds
---	---	---	---	---	---	---	---	---	---------	-----------	-----------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	293,545	4,706,455	5,000,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.101862 S UPGRADE AND EXPANSION TO PS 187 (CEP-187E)

Commission District(s) 6

Sub-Project Budget / Estimated **69,934,844**

REVENUES

0	0	0	0	0	0	0	4,268,795	4,369,847	3,894,086	57,402,116	69,934,844	Future WASD Revenue Bonds
---	---	---	---	---	---	---	-----------	-----------	-----------	------------	------------	---------------------------

TOTAL

0	0	0	0	0	0	0	4,268,795	4,369,847	3,894,086	57,402,116	69,934,844	
---	---	---	---	---	---	---	-----------	-----------	-----------	------------	------------	--

EXPENDITURES

0	0	0	0	0	0	0	4,268,795	4,369,847	3,894,086	57,402,116	69,934,844	Future WASD Revenue Bonds
---	---	---	---	---	---	---	-----------	-----------	-----------	------------	------------	---------------------------

TOTAL

0	0	0	0	0	0	0	4,268,795	4,369,847	3,894,086	57,402,116	69,934,844	
---	---	---	---	---	---	---	-----------	-----------	-----------	------------	------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.101867 S CDWWTP HLD FILTERS (141 MGD) (CT-2)

Commission District(s) 7

Sub-Project Budget / Estimated 281,923,105

REVENUES

0	0	0	0	566,932	7,520,490	1,838,616	3,032,113	4,334,417	264,630,537	281,923,105	Future WASD Revenue Bonds
---	---	---	---	---------	-----------	-----------	-----------	-----------	-------------	-------------	---------------------------

TOTAL	0	0	0	566,932	7,520,490	1,838,616	3,032,113	4,334,417	264,630,537	281,923,105	
--------------	----------	----------	----------	----------------	------------------	------------------	------------------	------------------	--------------------	--------------------	--

EXPENDITURES

0	0	0	0	566,932	7,520,490	1,838,616	3,032,113	4,334,417	264,630,537	281,923,105	Future WASD Revenue Bonds
---	---	---	---	---------	-----------	-----------	-----------	-----------	-------------	-------------	---------------------------

TOTAL	0	0	0	566,932	7,520,490	1,838,616	3,032,113	4,334,417	264,630,537	281,923,105	
--------------	----------	----------	----------	----------------	------------------	------------------	------------------	------------------	--------------------	--------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102006 S NDWWTP - HLD TREATMENT 57 MGD (NT-2)

Commission District(s) 4

Sub-Project Budget / Estimated 124,387,275

REVENUES

	0	0	0	0	0	863,621	1,805,330	2,988,849	4,859,936	113,869,539	124,387,275	Future WASD Revenue Bonds
--	---	---	---	---	---	---------	-----------	-----------	-----------	-------------	-------------	---------------------------

TOTAL	0	0	0	0	0	863,621	1,805,330	2,988,849	4,859,936	113,869,539	124,387,275	
--------------	----------	----------	----------	----------	----------	----------------	------------------	------------------	------------------	--------------------	--------------------	--

EXPENDITURES

	0	0	0	0	0	863,621	1,805,330	2,988,849	4,859,936	113,869,539	124,387,275	Future WASD Revenue Bonds
--	---	---	---	---	---	---------	-----------	-----------	-----------	-------------	-------------	---------------------------

TOTAL	0	0	0	0	0	863,621	1,805,330	2,988,849	4,859,936	113,869,539	124,387,275	
--------------	----------	----------	----------	----------	----------	----------------	------------------	------------------	------------------	--------------------	--------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102007 S NDWWTP- BZ DEEP INJECTION WELLS (NE-2)

Commission District(s) 4

Sub-Project Budget / Estimated **49,994,361**

REVENUES

	0	0	0	0	0	770,496	1,872,276	2,584,972	4,500,000	40,266,617	49,994,361	Future WASD Revenue Bonds
--	---	---	---	---	---	---------	-----------	-----------	-----------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	770,496	1,872,276	2,584,972	4,500,000	40,266,617	49,994,361	
--------------	----------	----------	----------	----------	----------	----------------	------------------	------------------	------------------	-------------------	-------------------	--

EXPENDITURES

	0	0	0	0	0	770,496	1,872,276	2,584,972	4,500,000	40,266,617	49,994,361	Future WASD Revenue Bonds
--	---	---	---	---	---	---------	-----------	-----------	-----------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	770,496	1,872,276	2,584,972	4,500,000	40,266,617	49,994,361	
--------------	----------	----------	----------	----------	----------	----------------	------------------	------------------	------------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

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

Commission District(s) 4

Sub-Project Budget / Estimated **38,924,370**

REVENUES

0	0	0	0	0	0	0	730,873	2,315,273	2,998,954	32,879,270	38,924,370	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---------	-----------	-----------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	0	730,873	2,315,273	2,998,954	32,879,270	38,924,370	
--------------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	-------------------	-------------------	--

EXPENDITURES

0	0	0	0	0	0	0	730,873	2,315,273	2,998,954	32,879,270	38,924,370	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---------	-----------	-----------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	0	730,873	2,315,273	2,998,954	32,879,270	38,924,370	
--------------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102009 S CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)

Commission District(s) 7

Sub-Project Budget / Estimated 86,145,142

REVENUES

0	0	0	0	0	0	897,390	1,496,325	2,099,101	3,554,570	78,097,756	86,145,142	Future WASD Revenue Bonds
---	---	---	---	---	---	---------	-----------	-----------	-----------	------------	------------	---------------------------

TOTAL

0	0	0	0	0	0	897,390	1,496,325	2,099,101	3,554,570	78,097,756	86,145,142	
---	---	---	---	---	---	---------	-----------	-----------	-----------	------------	------------	--

EXPENDITURES

0	0	0	0	0	0	897,390	1,496,325	2,099,101	3,554,570	78,097,756	86,145,142	Future WASD Revenue Bonds
---	---	---	---	---	---	---------	-----------	-----------	-----------	------------	------------	---------------------------

TOTAL

0	0	0	0	0	0	897,390	1,496,325	2,099,101	3,554,570	78,097,756	86,145,142	
---	---	---	---	---	---	---------	-----------	-----------	-----------	------------	------------	--



Miami-Dade Water and Sewer Department
 2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102010 S CDWWTP- BZ DEEP INJECTION WELLS (CD-2)													
Commission District(s) 7													
Sub-Project Budget / Estimated 78,838,099													
REVENUES													
	0	0	0	3,686,211	0	0	0	0	0	0	0	3,686,211	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	4,987,914	5,240,205	6,439,613	3,772,945	4,000,000		48,000,000	72,440,677	Future WASD Revenue Bonds
	0	2,711,211	2,711,211	0	0	0	0	0	0	0	0	2,711,211	WASD Wastewater Commercial Paper - 2015
TOTAL	0	2,711,211	2,711,211	3,686,211	4,987,914	5,240,205	6,439,613	3,772,945	4,000,000		48,000,000	78,838,099	
EXPENDITURES													
	0	0	0	3,686,211	0	0	0	0	0	0	0	3,686,211	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	4,987,914	5,240,205	6,439,613	3,772,945	4,000,000		48,000,000	72,440,677	Future WASD Revenue Bonds
	0	2,711,211	2,711,211	0	0	0	0	0	0	0	0	2,711,211	WASD Wastewater Commercial Paper - 2015
TOTAL	0	2,711,211	2,711,211	3,686,211	4,987,914	5,240,205	6,439,613	3,772,945	4,000,000		48,000,000	78,838,099	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
.102034 S WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)														
Commission District(s) 12														
Sub-Project Budget / Estimated 1,808,281,165														
REVENUES														
		0	0	0	0	8,880,821	9,596,493	12,202,181	15,688,348	17,758,930	1,730,314,003	1,794,440,776	Future WASH Revenue Bonds	
	25,542	6,022,475	6,048,017	0	0	0	0	0	0	0	0	6,048,017	Plant Expansion Fund - Wastewater	
	0	7,792,372	7,792,372	0	0	0	0	0	0	0	0	7,792,372	WASH Wastewater Commercial Paper - 2015	
TOTAL	25,542	13,814,847	13,840,389	0	8,880,821	9,596,493	12,202,181	15,688,348	17,758,930	1,730,314,003	1,808,281,165			
EXPENDITURES														
		0	0	0	0	8,880,821	9,596,493	12,202,181	15,688,348	17,758,930	1,730,314,003	1,794,440,776	Future WASH Revenue Bonds	
	25,542	6,022,475	6,048,017	0	0	0	0	0	0	0	0	6,048,017	Plant Expansion Fund - Wastewater	
	0	0	0	7,792,372	0	0	0	0	0	0	0	7,792,372	WASH Wastewater Commercial Paper - 2015	
TOTAL	25,542	6,022,475	6,048,017	7,792,372	8,880,821	9,596,493	12,202,181	15,688,348	17,758,930	1,730,314,003	1,808,281,165			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
.102038 S CDWWTP - CENTRATE INJECTION WELL (CE-4)														
Commission District(s) 7														
Sub-Project Budget / Estimated	28,506,449													
REVENUES														
	0	0	0	1,737,638	0	0	0	0	0	0	0	1,737,638	2016 Wastewater Revenue Bonds Sold	
	344,254	0	344,254	0	0	0	0	0	0	0	0	344,254	Construction - 2010 Bonds	
	0	0	0	0	275,541	0	0	0	0	0	0	275,541	Future WASD Revenue Bonds	
	6,261,129	0	6,261,129	0	0	0	0	0	0	0	0	6,261,129	S Construction - 2013 Bonds	
	10,268,806	9,619,081	19,887,887	0	0	0	0	0	0	0	0	19,887,887	State Revolving Loans - Wastewater	
TOTAL	16,874,189	9,619,081	26,493,270	1,737,638	275,541	0	0	0	0	0	0	28,506,449		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
	0	0	0	1,737,638	0	0	0	0	0	0	0	1,737,638	2016 Wastewater Revenue Bonds Sold	
	344,254	0	344,254	0	0	0	0	0	0	0	0	344,254	Construction - 2010 Bonds	
	0	0	0	0	275,541	0	0	0	0	0	0	275,541	Future WASD Revenue Bonds	
	4,430,735	1,830,394	6,261,129	0	0	0	0	0	0	0	0	6,261,129	S Construction - 2013 Bonds	
	10,268,806	9,619,081	19,887,887	0	0	0	0	0	0	0	0	19,887,887	State Revolving Loans - Wastewater	
TOTAL	15,043,795	11,449,475	26,493,270	1,737,638	275,541	0	0	0	0	0	0	28,506,449		

.102068 S 48-INCH FM CONNECTION IN NW 58 ST FROM NW 107 AVE TO NW 79 AVE - DORAL (CL-3)

Commission District(s) 12

Sub-Project Budget / Estimated **41,142,881**

REVENUES

	0	0	0	0	0	0	0	0	572,977	1,541,031	39,028,873	41,142,881	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	572,977	1,541,031	39,028,873	41,142,881	

EXPENDITURES

	0	0	0	0	0	0	0	0	572,977	1,541,031	39,028,873	41,142,881	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	572,977	1,541,031	39,028,873	41,142,881	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102070 S 54-INCH FM FROM WP-1 (DORAL) TO WDWWT (CL-9)

Commission District(s) 11

Sub-Project Budget / Estimated 101,460,507

REVENUES

0	0	0	0	0	0	0	595,366	2,570,013	3,503,357	94,791,771	101,460,507	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---------	-----------	-----------	------------	-------------	------------------------------

TOTAL	0	0	0	0	0	0	595,366	2,570,013	3,503,357	94,791,771	101,460,507	
--------------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	-------------------	--------------------	--

EXPENDITURES

0	0	0	0	0	0	0	595,366	2,570,013	3,503,357	94,791,771	101,460,507	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---------	-----------	-----------	------------	-------------	------------------------------

TOTAL	0	0	0	0	0	0	595,366	2,570,013	3,503,357	94,791,771	101,460,507	
--------------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	-------------------	--------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102071 S 72-INCH FM CONNECTION IN SW 137 AVE TO CL-4 FM IN NW 6 ST (CL-5)

Commission District(s) 11

Sub-Project Budget / Estimated 20,698,564

REVENUES

0	0	0	0	0	0	0	0	0	768,440	1,902,441	18,027,683	20,698,564	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---	---	---------	-----------	------------	------------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	768,440	1,902,441	18,027,683	20,698,564	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	------------------	-------------------	-------------------	--

EXPENDITURES

0	0	0	0	0	0	0	0	0	768,440	1,902,441	18,027,683	20,698,564	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---	---	---------	-----------	------------	------------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	768,440	1,902,441	18,027,683	20,698,564	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	------------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102073 S CDWWTP - PEAK FLOW TREATMENT (CT-3)

Commission District(s) 7

Sub-Project Budget / Estimated 57,599,504

REVENUES

	0	0	0	0	0	0	0	0	550,000	5,613,482	51,436,022	57,599,504	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---	---------	-----------	------------	------------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	550,000	5,613,482	51,436,022	57,599,504	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	------------------	-------------------	-------------------	--

EXPENDITURES

	0	0	0	0	0	0	0	0	550,000	5,613,482	51,436,022	57,599,504	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---	---------	-----------	------------	------------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	550,000	5,613,482	51,436,022	57,599,504	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	------------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102075 S DORAL BOOSTER STATION (WP-1)

Commission District(s) 12

Sub-Project Budget / Estimated 31,428,869

REVENUES

	0	0	0	0	0	507,385	2,234,570	2,183,439	3,777,357	22,726,118	31,428,869	Future WASD Revenue Bonds
--	---	---	---	---	---	---------	-----------	-----------	-----------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	507,385	2,234,570	2,183,439	3,777,357	22,726,118	31,428,869	
--------------	----------	----------	----------	----------	----------	----------------	------------------	------------------	------------------	-------------------	-------------------	--

EXPENDITURES

	0	0	0	0	0	507,385	2,234,570	2,183,439	3,777,357	22,726,118	31,428,869	Future WASD Revenue Bonds
--	---	---	---	---	---	---------	-----------	-----------	-----------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	507,385	2,234,570	2,183,439	3,777,357	22,726,118	31,428,869	
--------------	----------	----------	----------	----------	----------	----------------	------------------	------------------	------------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102076 S EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWWT (CL-4)

Commission District(s) 12

Sub-Project Budget / Estimated 181,472,193

REVENUES

	0	0	0	0	0	1,174,185	3,294,832	2,940,441	5,961,784	168,100,951	181,472,193	Future WASHD Revenue Bonds
--	---	---	---	---	---	-----------	-----------	-----------	-----------	-------------	-------------	----------------------------

TOTAL	0	0	0	0	0	1,174,185	3,294,832	2,940,441	5,961,784	168,100,951	181,472,193	
--------------	----------	----------	----------	----------	----------	------------------	------------------	------------------	------------------	--------------------	--------------------	--

EXPENDITURES

	0	0	0	0	0	1,174,185	3,294,832	2,940,441	5,961,784	168,100,951	181,472,193	Future WASHD Revenue Bonds
--	---	---	---	---	---	-----------	-----------	-----------	-----------	-------------	-------------	----------------------------

TOTAL	0	0	0	0	0	1,174,185	3,294,832	2,940,441	5,961,784	168,100,951	181,472,193	
--------------	----------	----------	----------	----------	----------	------------------	------------------	------------------	------------------	--------------------	--------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

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

Commission District(s) 4

Sub-Project Budget / Estimated **41,562,312**

REVENUES

0	0	0	0	0	0	0	125,026	3,083,624	3,464,252	34,889,410	41,562,312	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---------	-----------	-----------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	0	125,026	3,083,624	3,464,252	34,889,410	41,562,312	
--------------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	-------------------	-------------------	--

EXPENDITURES

0	0	0	0	0	0	0	125,026	3,083,624	3,464,252	34,889,410	41,562,312	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---------	-----------	-----------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	0	125,026	3,083,624	3,464,252	34,889,410	41,562,312	
--------------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102092 S WDWWT - INJECTION WELL PUMP STATION (WE-1)

Commission District(s) 12

Sub-Project Budget / Estimated 127,784,427

REVENUES

0	0	0	0	0	750,000	2,952,995	3,796,525	3,000,000	7,024,688	110,260,219	127,784,427	Future WASD Revenue Bonds
---	---	---	---	---	---------	-----------	-----------	-----------	-----------	-------------	-------------	---------------------------

TOTAL

0	0	0	0	0	750,000	2,952,995	3,796,525	3,000,000	7,024,688	110,260,219	127,784,427	
---	---	---	---	---	---------	-----------	-----------	-----------	-----------	-------------	-------------	--

EXPENDITURES

0	0	0	0	0	750,000	2,952,995	3,796,525	3,000,000	7,024,688	110,260,219	127,784,427	Future WASD Revenue Bonds
---	---	---	---	---	---------	-----------	-----------	-----------	-----------	-------------	-------------	---------------------------

TOTAL

0	0	0	0	0	750,000	2,952,995	3,796,525	3,000,000	7,024,688	110,260,219	127,784,427	
---	---	---	---	---	---------	-----------	-----------	-----------	-----------	-------------	-------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102093 S WDWWT - INJECTION WELLS (WE-2)

Commission District(s) 12

Sub-Project Budget / Estimated **120,084,613**

REVENUES

0	0	0	2,779,861	0	0	0	0	0	0	0	2,779,861	2016 Wastewater Revenue Bonds Sold
---	---	---	-----------	---	---	---	---	---	---	---	-----------	------------------------------------

0	0	0	0	3,848,779	4,525,474	4,518,384	3,000,000	6,646,444	94,765,671	117,304,752	Future WAST Revenue Bonds
---	---	---	---	-----------	-----------	-----------	-----------	-----------	------------	-------------	---------------------------

TOTAL

0	0	0	2,779,861	3,848,779	4,525,474	4,518,384	3,000,000	6,646,444	94,765,671	120,084,613
---	---	---	-----------	-----------	-----------	-----------	-----------	-----------	------------	-------------

EXPENDITURES

0	0	0	2,779,861	0	0	0	0	0	0	0	2,779,861	2016 Wastewater Revenue Bonds Sold
---	---	---	-----------	---	---	---	---	---	---	---	-----------	------------------------------------

0	0	0	0	3,848,779	4,525,474	4,518,384	3,000,000	6,646,444	94,765,671	117,304,752	Future WAST Revenue Bonds
---	---	---	---	-----------	-----------	-----------	-----------	-----------	------------	-------------	---------------------------

TOTAL

0	0	0	2,779,861	3,848,779	4,525,474	4,518,384	3,000,000	6,646,444	94,765,671	120,084,613
---	---	---	-----------	-----------	-----------	-----------	-----------	-----------	------------	-------------



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102094 S WDWWT - PEAK FLOW TREATMENT

Commission District(s) 12

Sub-Project Budget / Estimated **40,046,645**

REVENUES

	0	0	0	0	0	0	0	0	550,000	1,448,080	38,048,565	40,046,645	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---	---------	-----------	------------	------------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	550,000	1,448,080	38,048,565	40,046,645	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	------------------	-------------------	-------------------	--

EXPENDITURES

	0	0	0	0	0	0	0	0	550,000	1,448,080	38,048,565	40,046,645	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---	---------	-----------	------------	------------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	550,000	1,448,080	38,048,565	40,046,645	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	------------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102096 S CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)													
Commission District(s) 7													
Sub-Project Budget / Estimated	24,253,177												
REVENUES													
	0	0	0	0	9,654,938	2,822,357	1,053,791	0	0	0	0	13,531,086	Future WASD Revenue Bonds
	2,584,699	0	2,584,699	0	0	0	0	0	0	0	0	2,584,699	S Construction - 2013 Bonds
	0	8,137,392	8,137,392	0	0	0	0	0	0	0	0	8,137,392	WASD Wastewater Commercial Paper - 2015
TOTAL	2,584,699	8,137,392	10,722,091	0	9,654,938	2,822,357	1,053,791	0	0	0	0	24,253,177	
EXPENDITURES													
	0	0	0	0	9,654,938	2,822,357	1,053,791	0	0	0	0	13,531,086	Future WASD Revenue Bonds
	745,940	1,838,759	2,584,699	0	0	0	0	0	0	0	0	2,584,699	S Construction - 2013 Bonds
	0	500,162	500,162	7,637,230	0	0	0	0	0	0	0	8,137,392	WASD Wastewater Commercial Paper - 2015
TOTAL	745,940	2,338,921	3,084,861	7,637,230	9,654,938	2,822,357	1,053,791	0	0	0	0	24,253,177	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102125 S WWTP - STORM SURGE PROTECTION (XS-1)

Commission District(s) 1,2,3,4,5,6,7,8,9,10,11,12,13

Sub-Project Budget / Estimated 165,813,002

REVENUES

	0	0	0	0	0	550,000	1,933,302	2,775,537	5,706,817	154,847,346	165,813,002	Future WASD Revenue Bonds
--	---	---	---	---	---	---------	-----------	-----------	-----------	-------------	-------------	---------------------------

TOTAL	0	0	0	0	0	550,000	1,933,302	2,775,537	5,706,817	154,847,346	165,813,002	
--------------	----------	----------	----------	----------	----------	----------------	------------------	------------------	------------------	--------------------	--------------------	--

EXPENDITURES

	0	0	0	0	0	550,000	1,933,302	2,775,537	5,706,817	154,847,346	165,813,002	Future WASD Revenue Bonds
--	---	---	---	---	---	---------	-----------	-----------	-----------	-------------	-------------	---------------------------

TOTAL	0	0	0	0	0	550,000	1,933,302	2,775,537	5,706,817	154,847,346	165,813,002	
--------------	----------	----------	----------	----------	----------	----------------	------------------	------------------	------------------	--------------------	--------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
.102138 S OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM														
Commission District(s) 1,2,3,4,5,6,7,8,9,10,11,12,13														
Sub-Project Budget / Estimated 126,038,036														
REVENUES														
		0	0	0	0	10,245,884	10,245,884	10,271,878	10,180,331	10,168,199	43,245,490	94,357,666	Future WASD Revenue Bonds	
	9,335,432	0	9,335,432	0	0	0	0	0	0	0	0	9,335,432	S Construction - 2013 Bonds	
	0	22,344,938	22,344,938	0	0	0	0	0	0	0	0	22,344,938	WASD Wastewater Commercial Paper - 2015	
TOTAL	9,335,432	22,344,938	31,680,370	0	10,245,884	10,245,884	10,271,878	10,180,331	10,168,199	43,245,490	126,038,036			
EXPENDITURES														
		0	0	0	0	10,245,884	10,245,884	10,271,878	10,180,331	10,168,199	43,245,490	94,357,666	Future WASD Revenue Bonds	
	9,083,746	251,686	9,335,432	0	0	0	0	0	0	0	0	9,335,432	S Construction - 2013 Bonds	
	0	10,750,870	10,750,870	11,594,068	0	0	0	0	0	0	0	22,344,938	WASD Wastewater Commercial Paper - 2015	
TOTAL	9,083,746	11,002,556	20,086,302	11,594,068	10,245,884	10,245,884	10,271,878	10,180,331	10,168,199	43,245,490	126,038,036			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102150 S SDWWTP INDUSTRIAL WASTE INJECTION WELLS (SE-2)													
Commission District(s) 8													
Sub-Project Budget / Estimated	8,396,813												
REVENUES													
	0	0	0	1,809,967	0	0	0	0	0	0	0	1,809,967	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	3,103,038	1,715,397	750,000	328,806	0	0	0	5,897,241	Future WAST Revenue Bonds
	0	689,605	689,605	0	0	0	0	0	0	0	0	689,605	WAST Wastewater Commercial Paper - 2015
TOTAL	0	689,605	689,605	1,809,967	3,103,038	1,715,397	750,000	328,806	0	0	0	8,396,813	
EXPENDITURES													
	0	0	0	1,809,967	0	0	0	0	0	0	0	1,809,967	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	3,103,038	1,715,397	750,000	328,806	0	0	0	5,897,241	Future WAST Revenue Bonds
	0	689,605	689,605	0	0	0	0	0	0	0	0	689,605	WAST Wastewater Commercial Paper - 2015
TOTAL	0	689,605	689,605	1,809,967	3,103,038	1,715,397	750,000	328,806	0	0	0	8,396,813	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1040. OUTFALL LEGISLATION

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102151 S BZ EFFLUENT DISPOSAL PUMP STATION EXPANSION (SE-1)

Commission District(s) 8

Sub-Project Budget / Estimated **34,688,456**

REVENUES

	0	0	0	1,779,621	0	0	0	0	0	0	1,779,621	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	2,474,801	3,189,351	3,978,228	3,492,559	4,773,896	15,000,000	32,908,835	Future WAST Revenue Bonds
TOTAL	0	0	0	1,779,621	2,474,801	3,189,351	3,978,228	3,492,559	4,773,896	15,000,000	34,688,456	

EXPENDITURES

	0	0	0	1,779,621	0	0	0	0	0	0	1,779,621	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	2,474,801	3,189,351	3,978,228	3,492,559	4,773,896	15,000,000	32,908,835	Future WAST Revenue Bonds
TOTAL	0	0	0	1,779,621	2,474,801	3,189,351	3,978,228	3,492,559	4,773,896	15,000,000	34,688,456	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	18,111,271												
REVENUES													
		7,490,126	2,083,854	9,573,980	2,572,038	1,993,596	1,378,346	1,513,714	437,339	40,000	602,258	18,111,271	General Obligation Bonds
TOTAL		7,490,126.0	2,083,854	9,573,980	2,572,038.0	1,993,596	1,378,346	1,513,714	437,339	40,000	602,258	18,111,271	
EXPENDITURES													
		7,490,126	2,083,854	9,573,980	2,572,038	1,993,596	1,378,346	1,513,714	437,339	40,000	602,258	18,111,271	General Obligation Bonds
TOTAL		7,490,126.0	2,083,854	9,573,980	2,572,038.0	1,993,596	1,378,346	1,513,714	437,339	40,000	602,258	18,111,271	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1041. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 222222

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.101611 S SANITARY SEWER SYSTEM ENHANCEMENTS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	8,633,759												
REVENUES													
	4,309,896	844,132	5,154,028	1,082,050	432,489	397,303	598,292	367,339	0	602,258	8,633,759	General Obligation Bonds	
TOTAL	4,309,896	844,132	5,154,028	1,082,050	432,489	397,303	598,292	367,339	0	602,258	8,633,759		
EXPENDITURES													
	4,309,896	844,132	5,154,028	1,082,050	432,489	397,303	598,292	367,339	0	602,258	8,633,759	General Obligation Bonds	
TOTAL	4,309,896	844,132	5,154,028	1,082,050	432,489	397,303	598,292	367,339	0	602,258	8,633,759		
.101612 S SANITARY SEWER NEEDS ASSESSMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	3,529,012												
REVENUES													
	1,304,224	219,722	1,523,946	368,988	526,088	511,043	488,947	70,000	40,000	0	3,529,012	General Obligation Bonds	
TOTAL	1,304,224	219,722	1,523,946	368,988	526,088	511,043	488,947	70,000	40,000	0	3,529,012		
EXPENDITURES													
	1,304,224	219,722	1,523,946	368,988	526,088	511,043	488,947	70,000	40,000	0	3,529,012	General Obligation Bonds	
TOTAL	1,304,224	219,722	1,523,946	368,988	526,088	511,043	488,947	70,000	40,000	0	3,529,012		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1041. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 222222

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.101796 S UPGRADE OF MIAMI SPRINGS PUMP STATION AND CONTRACT SPECIFICATIONS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	838,000												
REVENUES													
	567,035	20,000	587,035	40,000	110,965	100,000	0	0	0	0	838,000	General Obligation Bonds	
TOTAL	567,035	20,000	587,035	40,000	110,965	100,000	0	0	0	0	838,000		
EXPENDITURES													
	567,035	20,000	587,035	40,000	110,965	100,000	0	0	0	0	838,000	General Obligation Bonds	
TOTAL	567,035	20,000	587,035	40,000	110,965	100,000	0	0	0	0	838,000		
.101957 S NW 37TH AVENUE - SEWER MAINS IMPROVEMENTS													
Commission District(s) 9													
Sub-Project Budget / Estimated	5,110,500												
REVENUES													
	1,308,971	1,000,000	2,308,971	1,081,000	924,054	370,000	426,475	0	0	0	5,110,500	General Obligation Bonds	
TOTAL	1,308,971	1,000,000	2,308,971	1,081,000	924,054	370,000	426,475	0	0	0	5,110,500		
EXPENDITURES													
	1,308,971	1,000,000	2,308,971	1,081,000	924,054	370,000	426,475	0	0	0	5,110,500	General Obligation Bonds	
TOTAL	1,308,971	1,000,000	2,308,971	1,081,000	924,054	370,000	426,475	0	0	0	5,110,500		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1042. WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 968750

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	30,370,157												
REVENUES													
		1,437,623	0	1,437,623	0	0	0	0	0	0	0	1,437,623	Construction - 2010 Bonds
		9,932,534	1,000,000	10,932,534	0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	28,932,534	Wastewater Renewal & Replacement Fund
TOTAL		11,370,157.0	1,000,000	12,370,157	0.0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	30,370,157	
EXPENDITURES													
		1,437,623	0	1,437,623	0	0	0	0	0	0	0	1,437,623	Construction - 2010 Bonds
		5,932,534	2,000,000	7,932,534	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	28,932,534	Wastewater Renewal & Replacement Fund
TOTAL		7,370,156.8	2,000,000	9,370,157	3,000,000.0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	30,370,157	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1042. WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 968750

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.101967 S WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **30,370,157**

REVENUES

	1,437,623	0	1,437,623	0	0	0	0	0	0	0	1,437,623	Construction - 2010 Bonds
	9,932,534	1,000,000	10,932,534	0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	28,932,534	Wastewater Renewal & Replacement Fund
TOTAL	11,370,157	1,000,000	12,370,157	0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	30,370,157	

EXPENDITURES

	1,437,623	0	1,437,623	0	0	0	0	0	0	0	1,437,623	Construction - 2010 Bonds
	5,932,534	2,000,000	7,932,534	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	28,932,534	Wastewater Renewal & Replacement Fund
TOTAL	7,370,157	2,000,000	9,370,157	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	30,370,157	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future			
1,682,568,976														
REVENUES														
	0	0	0	59,544,232	0	0	0	0	0	0	0	59,544,232	2016 Wastewater Revenue Bonds Sold	
	2,353,639	0	2,353,639	0	0	0	0	0	0	0	0	2,353,639	Construction - 2010 Bonds	
	0	0	0	0	111,162,220	96,624,118	93,373,563	91,217,606	101,119,267	939,289,093	1,432,785,867	Future WAST Revenue Bonds		
	46,235,944	0	46,235,944	0	0	0	0	0	0	0	0	46,235,944	S Construction - 2013 Bonds	
	85,850	0	85,850	0	0	0	0	0	0	0	0	85,850	WAST Revenue Bonds Sold	
	0	123,944,418	123,944,418	0	0	0	0	0	0	0	0	123,944,418	WAST Wastewater Commercial Paper - 2015	
	15,378,374	2,240,652	17,619,026	0	0	0	0	0	0	0	0	17,619,026	Wastewater Renewal & Replacement Fund	
TOTAL	64,053,807.0	126,185,070	190,238,877	59,544,232.0	111,162,220	96,624,118	93,373,563	91,217,606	101,119,267	939,289,093	1,682,568,976			
EXPENDITURES														
	0	0	0	59,544,232	0	0	0	0	0	0	0	59,544,232	2016 Wastewater Revenue Bonds Sold	
	2,353,639	0	2,353,639	0	0	0	0	0	0	0	0	2,353,639	Construction - 2010 Bonds	
	0	0	0	0	111,162,220	96,624,118	93,373,563	91,217,606	101,119,267	939,289,093	1,432,785,867	Future WAST Revenue Bonds		
	36,332,508	9,903,435	46,235,943	0	0	0	0	0	0	0	0	46,235,943	S Construction - 2013 Bonds	
	85,850	0	85,850	0	0	0	0	0	0	0	0	85,850	WAST Revenue Bonds Sold	
	0	70,423,899	70,423,899	53,520,519	0	0	0	0	0	0	0	123,944,418	WAST Wastewater Commercial Paper - 2015	
	11,819,025	5,800,001	17,619,026	0	0	0	0	0	0	0	0	17,619,026	Wastewater Renewal & Replacement Fund	
TOTAL	50,591,021.3	86,127,335	136,718,356	113,064,751.0	111,162,220	96,624,118	93,373,563	91,217,606	101,119,267	939,289,093	1,682,568,974			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102500 S SDWWTP - Headworks													
Commission District(s) 8													
Sub-Project Budget / Estimated	2,572,526												
REVENUES													
	0	0	0	720,738	0	0	0	0	0	0	0	720,738	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	710,418	495,910	231,006	0	0	0	0	1,437,334	Future WAST Revenue Bonds
	414,454	0	414,454	0	0	0	0	0	0	0	0	414,454	S Construction - 2013 Bonds
TOTAL	414,454	0	414,454	720,738	710,418	495,910	231,006	0	0	0	0	2,572,526	
EXPENDITURES													
	0	0	0	720,738	0	0	0	0	0	0	0	720,738	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	710,418	495,910	231,006	0	0	0	0	1,437,334	Future WAST Revenue Bonds
	45,236	369,218	414,454	0	0	0	0	0	0	0	0	414,454	S Construction - 2013 Bonds
TOTAL	45,236	369,218	414,454	720,738	710,418	495,910	231,006	0	0	0	0	2,572,526	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102501 S SDWWTP - Oxygen Production													
Commission District(s) 8													
Sub-Project Budget / Estimated 15,193,638													
REVENUES													
		0	0	0	2,018,710	0	0	0	0	0	0	2,018,710	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	4,683,860	3,878,190	1,750,000	1,611,289	0	0	11,923,339	Future WAST Revenue Bonds
	1,251,589	0	1,251,589	0	0	0	0	0	0	0	0	1,251,589	S Construction - 2013 Bonds
TOTAL	1,251,589	0	1,251,589	2,018,710	4,683,860	3,878,190	1,750,000	1,611,289	0	0	15,193,638		
EXPENDITURES													
		0	0	0	2,018,710	0	0	0	0	0	0	2,018,710	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	4,683,860	3,878,190	1,750,000	1,611,289	0	0	11,923,339	Future WAST Revenue Bonds
	266,741	984,848	1,251,589	0	0	0	0	0	0	0	0	1,251,589	S Construction - 2013 Bonds
TOTAL	266,741	984,848	1,251,589	2,018,710	4,683,860	3,878,190	1,750,000	1,611,289	0	0	15,193,638		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
<hr/>													
.102502 S SDWWTP - Oxygenation Trains													
Commission District(s)	8												
Sub-Project Budget / Estimated	38,911,024												
REVENUES													
	0	0	0	2,413,841	0	0	0	0	0	0	0	2,413,841	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	3,284,987	3,002,000	3,214,478	3,151,018	2,821,875	19,741,467	35,215,825	Future WASD Revenue Bonds	
	0	1,281,358	1,281,358	0	0	0	0	0	0	0	1,281,358	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	1,281,358	1,281,358	2,413,841	3,284,987	3,002,000	3,214,478	3,151,018	2,821,875	19,741,467	38,911,024		
EXPENDITURES													
	0	0	0	2,413,841	0	0	0	0	0	0	2,413,841	2016 Wastewater Revenue Bonds Sold	
	0	0	0	0	3,284,987	3,002,000	3,214,478	3,151,018	2,821,875	19,741,467	35,215,825	Future WASD Revenue Bonds	
	0	1,281,358	1,281,358	0	0	0	0	0	0	0	1,281,358	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	1,281,358	1,281,358	2,413,841	3,284,987	3,002,000	3,214,478	3,151,018	2,821,875	19,741,467	38,911,024		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102503 S SDWWTP - Chlorine Building

Commission District(s) 8

Sub-Project Budget / Estimated 3,333,328

REVENUES

0	0	0	0	0	86,495	83,760	10,887	990,949	2,108,581	52,656	3,333,328	Future WASD Revenue Bonds
---	---	---	---	---	--------	--------	--------	---------	-----------	--------	-----------	---------------------------

TOTAL	0	0	0	0	86,495	83,760	10,887	990,949	2,108,581	52,656	3,333,328	
--------------	----------	----------	----------	----------	---------------	---------------	---------------	----------------	------------------	---------------	------------------	--

EXPENDITURES

0	0	0	0	0	86,495	83,760	10,887	990,949	2,108,581	52,656	3,333,328	Future WASD Revenue Bonds
---	---	---	---	---	--------	--------	--------	---------	-----------	--------	-----------	---------------------------

TOTAL	0	0	0	0	86,495	83,760	10,887	990,949	2,108,581	52,656	3,333,328	
--------------	----------	----------	----------	----------	---------------	---------------	---------------	----------------	------------------	---------------	------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102504 S SDWWTP - Effluent Pump Station													
Commission District(s) 8													
Sub-Project Budget / Estimated 39,560,789													
REVENUES													
		0	0	0	3,194,430	0	0	0	0	0	0	3,194,430	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	2,984,137	3,825,621	4,381,361	3,329,084	4,733,122	13,019,761	32,273,086	Future WAST Revenue Bonds
	4,093,273	0	4,093,273	0	0	0	0	0	0	0	0	4,093,273	S Construction - 2013 Bonds
TOTAL	4,093,273	0	4,093,273	3,194,430	2,984,137	3,825,621	4,381,361	3,329,084	4,733,122	13,019,761	39,560,789		
EXPENDITURES													
		0	0	0	3,194,430	0	0	0	0	0	0	3,194,430	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	2,984,137	3,825,621	4,381,361	3,329,084	4,733,122	13,019,761	32,273,086	Future WAST Revenue Bonds
	2,512,694	1,580,579	4,093,273	0	0	0	0	0	0	0	0	4,093,273	S Construction - 2013 Bonds
TOTAL	2,512,694	1,580,579	4,093,273	3,194,430	2,984,137	3,825,621	4,381,361	3,329,084	4,733,122	13,019,761	39,560,789		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102505 S SDWWTP - Gravity Sludge Thickeners

Commission District(s) 8

Sub-Project Budget / Estimated 41,009,392

REVENUES

0	0	0	0	0	0	0	750,000	2,500,000	3,483,804	34,275,588	41,009,392	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---------	-----------	-----------	------------	------------	------------------------------

TOTAL	0	0	0	0	0	0	750,000	2,500,000	3,483,804	34,275,588	41,009,392	
--------------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	-------------------	-------------------	--

EXPENDITURES

0	0	0	0	0	0	0	750,000	2,500,000	3,483,804	34,275,588	41,009,392	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---------	-----------	-----------	------------	------------	------------------------------

TOTAL	0	0	0	0	0	0	750,000	2,500,000	3,483,804	34,275,588	41,009,392	
--------------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102506 S SDWWTP - Digesters and Control Buildings

Commission District(s) 8

Sub-Project Budget / Estimated **81,390,286**

REVENUES

	0	0	0	574,648	0	0	0	0	0	0	0	574,648	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	3,211,435	3,339,083	3,549,395	2,898,458	2,887,648	61,200,000	77,086,019	Future WASD Revenue Bonds	
	627,262	0	627,262	0	0	0	0	0	0	0	627,262	S Construction - 2013 Bonds	
	0	3,102,357	3,102,357	0	0	0	0	0	0	0	3,102,357	WASD Wastewater Commercial Paper - 2015	
TOTAL	627,262	3,102,357	3,729,619	574,648	3,211,435	3,339,083	3,549,395	2,898,458	2,887,648	61,200,000	81,390,286		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
EXPENDITURES													
		0	0	0	574,648	0	0	0	0	0	0	574,648	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	3,211,435	3,339,083	3,549,395	2,898,458	2,887,648	61,200,000	77,086,019	Future WAST Revenue Bonds
	627,262		0	627,262	0	0	0	0	0	0	0	627,262	S Construction - 2013 Bonds
	0	3,102,357		3,102,357	0	0	0	0	0	0	0	3,102,357	WAST Wastewater Commercial Paper - 2015
TOTAL	627,262	3,102,357		3,729,619	574,648	3,211,435	3,339,083	3,549,395	2,898,458	2,887,648	61,200,000	81,390,286	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102507 S SDWWTP - Dewatering Facility													
Commission District(s) 8													
Sub-Project Budget / Estimated 87,647,096													
REVENUES													
		0	0	0	3,467,245	0	0	0	0	0	0	3,467,245	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	5,728,880	5,571,522	4,323,383	3,000,000	5,000,000	59,000,000	82,623,785	Future WASD Revenue Bonds
	515,247	0	515,247	0	0	0	0	0	0	0	0	515,247	S Construction - 2013 Bonds
	0	1,040,819	1,040,819	0	0	0	0	0	0	0	0	1,040,819	WASD Wastewater Commercial Paper - 2015
TOTAL	515,247	1,040,819	1,556,066	3,467,245	5,728,880	5,571,522	4,323,383	3,000,000	5,000,000	59,000,000	87,647,096		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
	0	0	0	3,467,245	0	0	0	0	0	0	0	3,467,245	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	5,728,880	5,571,522	4,323,383	3,000,000	5,000,000	59,000,000	82,623,785	Future WAST Revenue Bonds	
	515,247	0	515,247	0	0	0	0	0	0	0	515,247	S Construction - 2013 Bonds	
	0	1,040,819	1,040,819	0	0	0	0	0	0	0	1,040,819	WASD Wastewater Commercial Paper - 2015	
TOTAL	515,247	1,040,819	1,556,066	3,467,245	5,728,880	5,571,522	4,323,383	3,000,000	5,000,000	59,000,000	87,647,096		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102508 S SDWWTP - FOG Removal Facility													
Commission District(s) 8													
Sub-Project Budget / Estimated	5,227,113												
REVENUES													
	0	0	0	3,390,184	0	0	0	0	0	0	0	3,390,184	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	774,432	0	0	0	0	0	0	774,432	Future WAST Revenue Bonds
	1,062,497	0	1,062,497	0	0	0	0	0	0	0	0	1,062,497	S Construction - 2013 Bonds
TOTAL	1,062,497	0	1,062,497	3,390,184	774,432	0	0	0	0	0	0	5,227,113	
EXPENDITURES													
	0	0	0	3,390,184	0	0	0	0	0	0	0	3,390,184	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	774,432	0	0	0	0	0	0	774,432	Future WAST Revenue Bonds
	478,393	584,104	1,062,497	0	0	0	0	0	0	0	0	1,062,497	S Construction - 2013 Bonds
TOTAL	478,393	584,104	1,062,497	3,390,184	774,432	0	0	0	0	0	0	5,227,113	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

		Prior			Projections								
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102509 S SDWWTP - Odor Control

Commission District(s) 8

Sub-Project Budget / Estimated 16,705,360

REVENUES

0	0	0	0	0	0	476,636	421,783	1,175,576	3,507,965	11,123,400	16,705,360	Future WASH Revenue Bonds
---	---	---	---	---	---	---------	---------	-----------	-----------	------------	------------	------------------------------

TOTAL	0	0	0	0	0	476,636	421,783	1,175,576	3,507,965	11,123,400	16,705,360	
--------------	----------	----------	----------	----------	----------	----------------	----------------	------------------	------------------	-------------------	-------------------	--

EXPENDITURES

0	0	0	0	0	0	476,636	421,783	1,175,576	3,507,965	11,123,400	16,705,360	Future WASH Revenue Bonds
---	---	---	---	---	---	---------	---------	-----------	-----------	------------	------------	------------------------------

TOTAL	0	0	0	0	0	476,636	421,783	1,175,576	3,507,965	11,123,400	16,705,360	
--------------	----------	----------	----------	----------	----------	----------------	----------------	------------------	------------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102510 S SDWWTP - General Electrical													
Commission District(s) 8													
Sub-Project Budget / Estimated 14,402,091													
REVENUES													
	0	0	0	699,856	0	0	0	0	0	0	0	699,856	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	750,000	1,152,011	2,158,543	3,015,359	4,000,000		2,331,058	13,406,971	Future WAST Revenue Bonds
	0	295,264	295,264	0	0	0	0	0	0		0	295,264	WAST Wastewater Commercial Paper - 2015
TOTAL	0	295,264	295,264	699,856	750,000	1,152,011	2,158,543	3,015,359	4,000,000		2,331,058	14,402,091	
EXPENDITURES													
	0	0	0	699,856	0	0	0	0	0	0	0	699,856	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	750,000	1,152,011	2,158,543	3,015,359	4,000,000		2,331,058	13,406,971	Future WAST Revenue Bonds
	0	295,264	295,264	0	0	0	0	0	0		0	295,264	WAST Wastewater Commercial Paper - 2015
TOTAL	0	295,264	295,264	699,856	750,000	1,152,011	2,158,543	3,015,359	4,000,000		2,331,058	14,402,091	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102511 S SDWWTP - Chlorine Contact Chamber Structural													
Commission District(s) 8													
Sub-Project Budget / Estimated 8,099,844													
REVENUES													
		0	0	0	380,485	0	0	0	0	0	0	380,485	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	19,993	940,090	2,256,810	2,807,228	1,112,403	500,000	7,636,524	Future WASD Revenue Bonds
		0	82,835	82,835	0	0	0	0	0	0	0	82,835	WASD Wastewater Commercial Paper - 2015
TOTAL		0	82,835	82,835	380,485	19,993	940,090	2,256,810	2,807,228	1,112,403	500,000	8,099,844	
EXPENDITURES													
		0	0	0	380,485	0	0	0	0	0	0	380,485	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	19,993	940,090	2,256,810	2,807,228	1,112,403	500,000	7,636,524	Future WASD Revenue Bonds
		0	82,835	82,835	0	0	0	0	0	0	0	82,835	WASD Wastewater Commercial Paper - 2015
TOTAL		0	82,835	82,835	380,485	19,993	940,090	2,256,810	2,807,228	1,112,403	500,000	8,099,844	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102600 S CDWWTP - Electrical Improvements													
Commission District(s) 7													
Sub-Project Budget / Estimated 17,786,367													
REVENUES													
	0	0	0	1,009,682	0	0	0	0	0	0	0	1,009,682	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,076,729	2,855,006	3,431,290	1,500,000	1,000,000		4,500,000	14,363,025	Future WASD Revenue Bonds
	0	2,413,660	2,413,660	0	0	0	0	0	0		0	2,413,660	WASD Wastewater Commercial Paper - 2015
TOTAL	0	2,413,660	2,413,660	1,009,682	1,076,729	2,855,006	3,431,290	1,500,000	1,000,000		4,500,000	17,786,367	
EXPENDITURES													
	0	0	0	1,009,682	0	0	0	0	0		0	1,009,682	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,076,729	2,855,006	3,431,290	1,500,000	1,000,000		4,500,000	14,363,025	Future WASD Revenue Bonds
	0	2,413,660	2,413,660	0	0	0	0	0	0		0	2,413,660	WASD Wastewater Commercial Paper - 2015
TOTAL	0	2,413,660	2,413,660	1,009,682	1,076,729	2,855,006	3,431,290	1,500,000	1,000,000		4,500,000	17,786,367	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102601 S CDWWTP - Building improvements													
Commission District(s)		7											
Sub-Project Budget / Estimated		4,690,716											
REVENUES													
		0	0	0	2,278,100	0	0	0	0	0	0	2,278,100	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	158,958	17,066	17,112	17,066	17,066	62,123	289,391	Future WASD Revenue Bonds
	99,868	0	99,868	0	0	0	0	0	0	0	0	99,868	S Construction - 2013 Bonds
	0	2,023,357	2,023,357	0	0	0	0	0	0	0	0	2,023,357	WASD Wastewater Commercial Paper - 2015
TOTAL	99,868	2,023,357	2,123,225	2,278,100	158,958	17,066	17,112	17,066	17,066	62,123	4,690,716		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
	0	0	0	2,278,100	0	0	0	0	0	0	0	2,278,100	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	158,958	17,066	17,112	17,066	17,066		62,123	289,391	Future WAST Revenue Bonds
	99,868	0	99,868	0	0	0	0	0	0		0	99,868	S Construction - 2013 Bonds
	0	2,023,357	2,023,357	0	0	0	0	0	0		0	2,023,357	WASD Wastewater Commercial Paper - 2015
TOTAL	99,868	2,023,357	2,123,225	2,278,100	158,958	17,066	17,112	17,066	17,066		62,123	4,690,716	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102602 S Headworks Plant 1													
Commission District(s) 7													
Sub-Project Budget / Estimated	18,394,229												
REVENUES													
	0	0	0	7,087,573	0	0	0	0	0	0	0	7,087,573	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	5,101,834	0	0	0	0	0	0	5,101,834	Future WAST Revenue Bonds
	956,681	0	956,681	0	0	0	0	0	0	0	0	956,681	S Construction - 2013 Bonds
	0	5,248,141	5,248,141	0	0	0	0	0	0	0	0	5,248,141	WAST Wastewater Commercial Paper - 2015
TOTAL	956,681	5,248,141	6,204,822	7,087,573	5,101,834	0	0	0	0	0	0	18,394,229	
EXPENDITURES													
	0	0	0	7,087,573	0	0	0	0	0	0	0	7,087,573	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	5,101,834	0	0	0	0	0	0	5,101,834	Future WAST Revenue Bonds
	956,681	0	956,681	0	0	0	0	0	0	0	0	956,681	S Construction - 2013 Bonds
	0	5,248,141	5,248,141	0	0	0	0	0	0	0	0	5,248,141	WAST Wastewater Commercial Paper - 2015
TOTAL	956,681	5,248,141	6,204,822	7,087,573	5,101,834	0	0	0	0	0	0	18,394,229	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102603 S CDWWTP - Headworks Plant 2													
Commission District(s)		7											
Sub-Project Budget / Estimated			17,649,661										
REVENUES													
		0	0	0	6,462,122	0	0	0	0	0	0	6,462,122	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	4,629,698	1,889,952	1,300,000	1,000,000	0	0	8,819,650	Future WAST Revenue Bonds
		0	2,367,889	2,367,889	0	0	0	0	0	0	0	2,367,889	WAST Wastewater Commercial Paper - 2015
TOTAL		0	2,367,889	2,367,889	6,462,122	4,629,698	1,889,952	1,300,000	1,000,000	0	0	17,649,661	
EXPENDITURES													
		0	0	0	6,462,122	0	0	0	0	0	0	6,462,122	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	4,629,698	1,889,952	1,300,000	1,000,000	0	0	8,819,650	Future WAST Revenue Bonds
		0	2,367,889	2,367,889	0	0	0	0	0	0	0	2,367,889	WAST Wastewater Commercial Paper - 2015
TOTAL		0	2,367,889	2,367,889	6,462,122	4,629,698	1,889,952	1,300,000	1,000,000	0	0	17,649,661	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102604 S CDWWTP - Oxygenation Trains Plant 1													
Commission District(s) 7													
Sub-Project Budget / Estimated	13,595,083												
REVENUES													
	0	0	0	1,943,159	0	0	0	0	0	0	0	1,943,159	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	5,411,025	2,079,045	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	11,490,070	Future WASD Revenue Bonds
	161,854	0	161,854	0	0	0	0	0	0	0	0	161,854	S Construction - 2013 Bonds
TOTAL	161,854	0	161,854	1,943,159	5,411,025	2,079,045	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	13,595,083	
EXPENDITURES													
	0	0	0	1,943,159	0	0	0	0	0	0	0	1,943,159	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	5,411,025	2,079,045	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	11,490,070	Future WASD Revenue Bonds
	137,483	24,371	161,854	0	0	0	0	0	0	0	0	161,854	S Construction - 2013 Bonds
TOTAL	137,483	24,371	161,854	1,943,159	5,411,025	2,079,045	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	13,595,083	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102605 S CDWWTP - Oxygenation Trains Plant 2

Commission District(s) 7

Sub-Project Budget / Estimated 35,168,025

REVENUES

	0	0	0	5,736,219	0	0	0	0	0	0	5,736,219	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	6,137,270	5,712,439	4,043,028	2,509,411	2,414,078	1,038,305	21,854,531	Future WASD Revenue Bonds
	3,694,813	0	3,694,813	0	0	0	0	0	0	0	3,694,813	S Construction - 2013 Bonds
	0	3,882,462	3,882,462	0	0	0	0	0	0	0	3,882,462	WASD Wastewater Commercial Paper - 2015
TOTAL	3,694,813	3,882,462	7,577,275	5,736,219	6,137,270	5,712,439	4,043,028	2,509,411	2,414,078	1,038,305	35,168,025	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
EXPENDITURES													
		0	0	0	5,736,219	0	0	0	0	0	0	5,736,219	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	6,137,270	5,712,439	4,043,028	2,509,411	2,414,078	1,038,305	21,854,531	Future WAST Revenue Bonds
	3,694,813		0	3,694,813	0	0	0	0	0	0	0	3,694,813	S Construction - 2013 Bonds
	0	3,882,462		3,882,462	0	0	0	0	0	0	0	3,882,462	WAST Wastewater Commercial Paper - 2015
TOTAL	3,694,813	3,882,462		7,577,275	5,736,219	6,137,270	5,712,439	4,043,028	2,509,411	2,414,078	1,038,305	35,168,025	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102606 S CDWWTP - Secondary Clarifiers Plant 1

Commission District(s) 7

Sub-Project Budget / Estimated 20,757,387

REVENUES

0	0	0	0	0	0	0	0	0	1,250,849	48,748	19,457,790	20,757,387	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---	---	-----------	--------	------------	------------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	1,250,849	48,748	19,457,790	20,757,387	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	------------------	---------------	-------------------	-------------------	--

EXPENDITURES

0	0	0	0	0	0	0	0	0	1,250,849	48,748	19,457,790	20,757,387	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---	---	-----------	--------	------------	------------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	1,250,849	48,748	19,457,790	20,757,387	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	------------------	---------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102607 S CDWWTP - Secondary Clarifiers Plant 2													
Commission District(s) 7													
Sub-Project Budget / Estimated 33,618,266													
REVENUES													
	0	0	0	1,700,390	0	0	0	0	0	0	0	1,700,390	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	90,241	2,479,004	3,444,357	3,000,000	4,539,085	17,768,557		31,321,244	Future WASD Revenue Bonds
	0	596,632	596,632	0	0	0	0	0	0	0	0	596,632	WASD Wastewater Commercial Paper - 2015
TOTAL	0	596,632	596,632	1,700,390	90,241	2,479,004	3,444,357	3,000,000	4,539,085	17,768,557		33,618,266	
EXPENDITURES													
	0	0	0	1,700,390	0	0	0	0	0	0	0	1,700,390	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	90,241	2,479,004	3,444,357	3,000,000	4,539,085	17,768,557		31,321,244	Future WASD Revenue Bonds
	0	596,632	596,632	0	0	0	0	0	0	0	0	596,632	WASD Wastewater Commercial Paper - 2015
TOTAL	0	596,632	596,632	1,700,390	90,241	2,479,004	3,444,357	3,000,000	4,539,085	17,768,557		33,618,266	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102608 S CDWWTP - RS Pump Stations Plant 1

Commission District(s) 7

Sub-Project Budget / Estimated 15,771,273

REVENUES

0	0	0	0	0	0	0	0	0	120,381	736,083	14,914,809	15,771,273	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---	---	---------	---------	------------	------------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	120,381	736,083	14,914,809	15,771,273	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	----------------	-------------------	-------------------	--

EXPENDITURES

0	0	0	0	0	0	0	0	0	120,381	736,083	14,914,809	15,771,273	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---	---	---------	---------	------------	------------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	120,381	736,083	14,914,809	15,771,273	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	----------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102609 S CDWWTP - RS Pump Stations Plant 2													
Commission District(s) 7													
Sub-Project Budget / Estimated 18,795,111													
REVENUES													
		0	0	0	1,258,073	0	0	0	0	0	0	1,258,073	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	50,451	1,516,597	2,570,857	2,917,649	3,179,310	7,276,040	17,510,904	Future WASD Revenue Bonds
		0	26,134	26,134	0	0	0	0	0	0	0	26,134	WASD Wastewater Commercial Paper - 2015
TOTAL		0	26,134	26,134	1,258,073	50,451	1,516,597	2,570,857	2,917,649	3,179,310	7,276,040	18,795,111	
EXPENDITURES													
		0	0	0	1,258,073	0	0	0	0	0	0	1,258,073	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	50,451	1,516,597	2,570,857	2,917,649	3,179,310	7,276,040	17,510,904	Future WASD Revenue Bonds
		0	26,134	26,134	0	0	0	0	0	0	0	26,134	WASD Wastewater Commercial Paper - 2015
TOTAL		0	26,134	26,134	1,258,073	50,451	1,516,597	2,570,857	2,917,649	3,179,310	7,276,040	18,795,111	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102610 S CDWWTP - Effluent Pump Station

Commission District(s) 7

Sub-Project Budget / Estimated 17,465,311

REVENUES

0	0	0	505,634	0	0	0	0	0	0	0	505,634	2016 Wastewater Revenue Bonds Sold
---	---	---	---------	---	---	---	---	---	---	---	---------	------------------------------------

0	0	0	0	1,520,206	3,397,550	3,812,229	3,229,692	3,000,000	2,000,000	16,959,677	Future WAST Revenue Bonds
---	---	---	---	-----------	-----------	-----------	-----------	-----------	-----------	------------	---------------------------

TOTAL

0	0	0	505,634	1,520,206	3,397,550	3,812,229	3,229,692	3,000,000	2,000,000	17,465,311
---	---	---	---------	-----------	-----------	-----------	-----------	-----------	-----------	------------

EXPENDITURES

0	0	0	505,634	0	0	0	0	0	0	505,634	2016 Wastewater Revenue Bonds Sold
---	---	---	---------	---	---	---	---	---	---	---------	------------------------------------

0	0	0	0	1,520,206	3,397,550	3,812,229	3,229,692	3,000,000	2,000,000	16,959,677	Future WAST Revenue Bonds
---	---	---	---	-----------	-----------	-----------	-----------	-----------	-----------	------------	---------------------------

TOTAL

0	0	0	505,634	1,520,206	3,397,550	3,812,229	3,229,692	3,000,000	2,000,000	17,465,311
---	---	---	---------	-----------	-----------	-----------	-----------	-----------	-----------	------------



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102611 S CDWWTP - Sludge Thickeners Plant 1

Commission District(s) 7

Sub-Project Budget / Estimated 26,106,481

REVENUES

	0	0	0	0	0	1,915,937	2,051,736	3,500,000	5,500,000	13,138,808	26,106,481	Future WASD Revenue Bonds
--	---	---	---	---	---	-----------	-----------	-----------	-----------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	1,915,937	2,051,736	3,500,000	5,500,000	13,138,808	26,106,481	
--------------	----------	----------	----------	----------	----------	------------------	------------------	------------------	------------------	-------------------	-------------------	--

EXPENDITURES

	0	0	0	0	0	1,915,937	2,051,736	3,500,000	5,500,000	13,138,808	26,106,481	Future WASD Revenue Bonds
--	---	---	---	---	---	-----------	-----------	-----------	-----------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	1,915,937	2,051,736	3,500,000	5,500,000	13,138,808	26,106,481	
--------------	----------	----------	----------	----------	----------	------------------	------------------	------------------	------------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102612 S CDWWTP - Sludge Thickeners Plant 2

Commission District(s) 7

Sub-Project Budget / Estimated 24,728,909

REVENUES

	0	0	0	1,459,889	0	0	0	0	0	0	1,459,889	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	5,715,555	6,351,587	4,201,878	2,500,000	2,500,000	2,000,000	23,269,020	Future WAST Revenue Bonds
TOTAL	0	0	0	1,459,889	5,715,555	6,351,587	4,201,878	2,500,000	2,500,000	2,000,000	24,728,909	

EXPENDITURES

	0	0	0	1,459,889	0	0	0	0	0	0	1,459,889	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	5,715,555	6,351,587	4,201,878	2,500,000	2,500,000	2,000,000	23,269,020	Future WAST Revenue Bonds
TOTAL	0	0	0	1,459,889	5,715,555	6,351,587	4,201,878	2,500,000	2,500,000	2,000,000	24,728,909	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.102613 S CDWWTP - Digesters Plant 1

Commission District(s) 7

Sub-Project Budget / Estimated 102,054,226

REVENUES

0	0	0	0	0	0	0	553,218	1,108,740	1,832,356	98,559,912	102,054,226	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---------	-----------	-----------	------------	-------------	------------------------------

TOTAL	0	0	0	0	0	0	553,218	1,108,740	1,832,356	98,559,912	102,054,226	
--------------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	-------------------	--------------------	--

EXPENDITURES

0	0	0	0	0	0	0	553,218	1,108,740	1,832,356	98,559,912	102,054,226	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---------	-----------	-----------	------------	-------------	------------------------------

TOTAL	0	0	0	0	0	0	553,218	1,108,740	1,832,356	98,559,912	102,054,226	
--------------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	-------------------	--------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
.102614 S CDWWTP - Digesters Plant 2														
Commission District(s) 7														
Sub-Project Budget / Estimated 166,797,386														
REVENUES														
	0	0	0	0	8,557,077	5,016,225	5,608,774	3,613,758	4,462,494	124,981,413	152,239,741	Future WASD Revenue Bonds		
	1,931,272	0	1,931,272	0	0	0	0	0	0	0	1,931,272	S Construction - 2013 Bonds		
	0	9,267,720	9,267,720	0	0	0	0	0	0	0	9,267,720	WASD Wastewater Commercial Paper - 2015		
	3,358,653	0	3,358,653	0	0	0	0	0	0	0	3,358,653	Wastewater Renewal & Replacement Fund		
TOTAL	5,289,925	9,267,720	14,557,645	0	8,557,077	5,016,225	5,608,774	3,613,758	4,462,494	124,981,413	166,797,386			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
EXPENDITURES													
		0	0	0	0	8,557,077	5,016,225	5,608,774	3,613,758	4,462,494	124,981,413	152,239,741	Future WASH Revenue Bonds
	1,931,272		0	1,931,272	0	0	0	0	0	0	0	1,931,272	S Construction - 2013 Bonds
	0	1,825,761		1,825,761	7,441,959	0	0	0	0	0	0	9,267,720	WASH Wastewater Commercial Paper - 2015
	3,358,653		0	3,358,653	0	0	0	0	0	0	0	3,358,653	Wastewater Renewal & Replacement Fund
TOTAL	5,289,924	1,825,761		7,115,685	7,441,959	8,557,077	5,016,225	5,608,774	3,613,758	4,462,494	124,981,413	166,797,385	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
.102615 S CDWWTP - Dewatering Building													
Commission District(s) 7													
Sub-Project Budget / Estimated 100,570,510													
REVENUES													
	0	0	0	368,367	0	0	0	0	0	0	0	368,367	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	286,952	787,587	1,194,591	2,515,458	3,023,240	89,500,000	97,307,828	97,307,828	Future WASD Revenue Bonds
	410,225	0	410,225	0	0	0	0	0	0	0	0	410,225	S Construction - 2013 Bonds
	0	2,484,090	2,484,090	0	0	0	0	0	0	0	0	2,484,090	WASD Wastewater Commercial Paper - 2015
TOTAL	410,225	2,484,090	2,894,315	368,367	286,952	787,587	1,194,591	2,515,458	3,023,240	89,500,000	100,570,510		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
	0	0	0	368,367	0	0	0	0	0	0	0	368,367	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	286,952	787,587	1,194,591	2,515,458	3,023,240	89,500,000	97,307,828	97,307,828	Future WAST Revenue Bonds
	410,225	0	410,225	0	0	0	0	0	0	0	0	410,225	S Construction - 2013 Bonds
	0	2,484,090	2,484,090	0	0	0	0	0	0	0	0	2,484,090	WASD Wastewater Commercial Paper - 2015
TOTAL	410,225	2,484,090	2,894,315	368,367	286,952	787,587	1,194,591	2,515,458	3,023,240	89,500,000	100,570,510		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102616 S CDWWTP - Chlorination Facilities													
Commission District(s) 7													
Sub-Project Budget / Estimated 20,959,229													
REVENUES													
	0	0	0	0	3,568,862	0	0	0	0	0	0	3,568,862	Future WASD Revenue Bonds
	345,391	0	345,391	0	0	0	0	0	0	0	0	345,391	S Construction - 2013 Bonds
	0	17,044,976	17,044,976	0	0	0	0	0	0	0	0	17,044,976	WASD Wastewater Commercial Paper - 2015
TOTAL	345,391	17,044,976	17,390,367	0	3,568,862	0	0	0	0	0	0	20,959,229	
EXPENDITURES													
	0	0	0	0	3,568,862	0	0	0	0	0	0	3,568,862	Future WASD Revenue Bonds
	345,391	0	345,391	0	0	0	0	0	0	0	0	345,391	S Construction - 2013 Bonds
	0	6,984,614	6,984,614	10,060,362	0	0	0	0	0	0	0	17,044,976	WASD Wastewater Commercial Paper - 2015
TOTAL	345,391	6,984,614	7,330,005	10,060,362	3,568,862	0	0	0	0	0	0	20,959,229	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102617 S CDWWTP - Odor Control Systems													
Commission District(s) 7													
Sub-Project Budget / Estimated 23,662,235													
REVENUES													
	0	0	0	1,393,465	0	0	0	0	0	0	0	1,393,465	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	135,703	2,269,727	3,907,022	3,000,000	3,000,000	9,684,136	21,996,588	Future WASD Revenue Bonds	
	0	272,182	272,182	0	0	0	0	0	0	0	272,182	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	272,182	272,182	1,393,465	135,703	2,269,727	3,907,022	3,000,000	3,000,000	9,684,136	23,662,235		
EXPENDITURES													
	0	0	0	1,393,465	0	0	0	0	0	0	1,393,465	2016 Wastewater Revenue Bonds Sold	
	0	0	0	0	135,703	2,269,727	3,907,022	3,000,000	3,000,000	9,684,136	21,996,588	Future WASD Revenue Bonds	
	0	272,182	272,182	0	0	0	0	0	0	0	272,182	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	272,182	272,182	1,393,465	135,703	2,269,727	3,907,022	3,000,000	3,000,000	9,684,136	23,662,235		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.102618 S CDWWTP - Co-Gen Facility

Commission District(s) 7

Sub-Project Budget / Estimated 32,335,707

REVENUES

	0	0	0	0	5,474,720	3,893,945	3,000,000	2,000,000	1,000,000	2,000,000	17,368,665	Future WASD Revenue Bonds
	0	7,835,024	7,835,024	0	0	0	0	0	0	0	7,835,024	WASD Wastewater Commercial Paper - 2015
	5,175,689	1,956,329	7,132,018	0	0	0	0	0	0	0	7,132,018	Wastewater Renewal & Replacement Fund
TOTAL	5,175,689	9,791,353	14,967,042	0	5,474,720	3,893,945	3,000,000	2,000,000	1,000,000	2,000,000	32,335,707	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
EXPENDITURES													
	0	0	0	0	5,474,720	3,893,945	3,000,000	2,000,000	1,000,000	2,000,000	17,368,665	Future WSD Revenue Bonds	
	0	4,428,934	4,428,934	3,406,090	0	0	0	0	0	0	7,835,024	WASD Wastewater Commercial Paper - 2015	
	5,175,689	1,956,329	7,132,018	0	0	0	0	0	0	0	7,132,018	Wastewater Renewal & Replacement Fund	
TOTAL	5,175,689	6,385,263	11,560,952	3,406,090	5,474,720	3,893,945	3,000,000	2,000,000	1,000,000	2,000,000	32,335,707		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102620 S CDWWTP - Pump Station 1													
Commission District(s) 7													
Sub-Project Budget / Estimated	19,944,766												
REVENUES													
	0	0	0	201,415	0	0	0	0	0	0	0	201,415	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,099,127	3,223,035	3,410,377	3,000,000	3,000,000	5,000,000	18,732,539	18,732,539	Future WAST Revenue Bonds
	1,010,812	0	1,010,812	0	0	0	0	0	0	0	0	1,010,812	S Construction - 2013 Bonds
TOTAL	1,010,812	0	1,010,812	201,415	1,099,127	3,223,035	3,410,377	3,000,000	3,000,000	5,000,000	19,944,766		
EXPENDITURES													
	0	0	0	201,415	0	0	0	0	0	0	0	201,415	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,099,127	3,223,035	3,410,377	3,000,000	3,000,000	5,000,000	18,732,539	18,732,539	Future WAST Revenue Bonds
	10,812	1,000,000	1,010,812	0	0	0	0	0	0	0	0	1,010,812	S Construction - 2013 Bonds
TOTAL	10,812	1,000,000	1,010,812	201,415	1,099,127	3,223,035	3,410,377	3,000,000	3,000,000	5,000,000	19,944,766		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102621 S CDWWTP - Pump Station 2													
Commission District(s) 7													
Sub-Project Budget / Estimated	9,935,725												
REVENUES													
		0	0	0	5,239,354	0	0	0	0	0	0	5,239,354	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	3,569,601	0	0	0	0	0	3,569,601	Future WASD Revenue Bonds
	1,126,770	0	1,126,770	0	0	0	0	0	0	0	0	1,126,770	S Construction - 2013 Bonds
TOTAL	1,126,770	0	1,126,770	5,239,354	3,569,601	0	0	0	0	0	0	9,935,725	
EXPENDITURES													
		0	0	0	5,239,354	0	0	0	0	0	0	5,239,354	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	3,569,601	0	0	0	0	0	3,569,601	Future WASD Revenue Bonds
	353,742	773,028	1,126,770	0	0	0	0	0	0	0	0	1,126,770	S Construction - 2013 Bonds
TOTAL	353,742	773,028	1,126,770	5,239,354	3,569,601	0	0	0	0	0	0	9,935,725	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102622 S CDWWTP - O2 Plant Process Controls Phase 2

Commission District(s) 7

Sub-Project Budget / Estimated **1,264,181**

REVENUES

	184,435	0	184,435	0	0	0	0	0	0	0	0	184,435	S Construction - 2013 Bonds
	0	1,079,746	1,079,746	0	0	0	0	0	0	0	0	1,079,746	WASD Wastewater Commercial Paper - 2015
TOTAL	184,435	1,079,746	1,264,181	0	0	0	0	0	0	0	0	1,264,181	

EXPENDITURES

	184,435	0	184,435	0	0	0	0	0	0	0	0	184,435	S Construction - 2013 Bonds
	0	775,098	775,098	304,648	0	0	0	0	0	0	0	1,079,746	WASD Wastewater Commercial Paper - 2015
TOTAL	184,435	775,098	959,533	304,648	0	0	0	0	0	0	0	1,264,181	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102623 S CDWWTP - Gas Monitoring

Commission District(s) 7

Sub-Project Budget / Estimated 1,133,055

REVENUES

	0	0	0	950,361	0	0	0	0	0	0	950,361	2016 Wastewater Revenue Bonds Sold
	182,694	0	182,694	0	0	0	0	0	0	0	182,694	S Construction - 2013 Bonds
TOTAL	182,694	0	182,694	950,361	0	0	0	0	0	0	1,133,055	

EXPENDITURES

	0	0	0	950,361	0	0	0	0	0	0	950,361	2016 Wastewater Revenue Bonds Sold
	176,759	5,935	182,694	0	0	0	0	0	0	0	182,694	S Construction - 2013 Bonds
TOTAL	176,759	5,935	182,694	950,361	0	0	0	0	0	0	1,133,055	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102624 S CDWWTP -Ventilation Improvements

Commission District(s) 7

Sub-Project Budget / Estimated 10,055,217

REVENUES

0	0	0	0	0	0	0	81,897	389,013	11,923	9,572,384	10,055,217	Future WASD Revenue Bonds
---	---	---	---	---	---	---	--------	---------	--------	-----------	------------	---------------------------

TOTAL	0	0	0	0	0	0	81,897	389,013	11,923	9,572,384	10,055,217	
--------------	----------	----------	----------	----------	----------	----------	---------------	----------------	---------------	------------------	-------------------	--

EXPENDITURES

0	0	0	0	0	0	0	81,897	389,013	11,923	9,572,384	10,055,217	Future WASD Revenue Bonds
---	---	---	---	---	---	---	--------	---------	--------	-----------	------------	---------------------------

TOTAL	0	0	0	0	0	0	81,897	389,013	11,923	9,572,384	10,055,217	
--------------	----------	----------	----------	----------	----------	----------	---------------	----------------	---------------	------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
.102626 S CDWWTP - Oxygen Production														
Commission District(s) 7														
Sub-Project Budget / Estimated 39,954,620														
REVENUES														
	0	0	0	750,000	0	0	0	0	0	0	0	750,000	2016 Wastewater Revenue Bonds Sold	
	0	0	0	0	1,817,985	2,518,315	3,000,231	3,500,000	4,751,847	22,554,000	38,142,378	Future WASD Revenue Bonds		
	626,176	0	626,176	0	0	0	0	0	0	0	0	626,176	S Construction - 2013 Bonds	
	0	436,066	436,066	0	0	0	0	0	0	0	0	436,066	WASD Wastewater Commercial Paper - 2015	
TOTAL	626,176	436,066	1,062,242	750,000	1,817,985	2,518,315	3,000,231	3,500,000	4,751,847	22,554,000	39,954,620			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
EXPENDITURES													
		0	0	0	750,000	0	0	0	0	0	0	750,000	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	1,817,985	2,518,315	3,000,231	3,500,000	4,751,847	22,554,000	38,142,378	Future WAST Revenue Bonds
	626,176		0	626,176	0	0	0	0	0	0	0	626,176	S Construction - 2013 Bonds
	0	436,066		436,066	0	0	0	0	0	0	0	436,066	WASD Wastewater Commercial Paper - 2015
TOTAL	626,176	436,066		1,062,242	750,000	1,817,985	2,518,315	3,000,231	3,500,000	4,751,847	22,554,000	39,954,620	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.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 180,151,069													
REVENUES													
		0	0	0	0	17,404,910	12,930,585	12,693,922	12,825,160	12,455,799	60,764,848	129,075,224	Future WASD Revenue Bonds
	20,820,592		0	20,820,592	0	0	0	0	0	0	0	20,820,592	S Construction - 2013 Bonds
	0	30,255,253		30,255,253	0	0	0	0	0	0	0	30,255,253	WASD Wastewater Commercial Paper - 2015
TOTAL	20,820,592	30,255,253		51,075,845	0	17,404,910	12,930,585	12,693,922	12,825,160	12,455,799	60,764,848	180,151,069	
EXPENDITURES													
		0	0	0	0	17,404,910	12,930,585	12,693,922	12,825,160	12,455,799	60,764,848	129,075,224	Future WASD Revenue Bonds
	16,309,282	4,511,310		20,820,592	0	0	0	0	0	0	0	20,820,592	S Construction - 2013 Bonds
	0	13,000,000		13,000,000	17,255,253	0	0	0	0	0	0	30,255,253	WASD Wastewater Commercial Paper - 2015
TOTAL	16,309,282	17,511,310		33,820,592	17,255,253	17,404,910	12,930,585	12,693,922	12,825,160	12,455,799	60,764,848	180,151,069	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
.102700 S NDWWTP - Headworks and Sludge Degritting Transfer														
Commission District(s)	4													
Sub-Project Budget / Estimated	35,078,614													
REVENUES														
	0	0	0	0	7,932,370	2,526,646	2,000,000	1,500,000	1,500,000		0	15,459,016	Future WASH Revenue Bonds	
	2,939,079	0	2,939,079	0	0	0	0	0	0		0	2,939,079	S Construction - 2013 Bonds	
	0	16,439,867	16,439,867	0	0	0	0	0	0		0	16,439,867	WASH Wastewater Commercial Paper - 2015	
	0	240,652	240,652	0	0	0	0	0	0		0	240,652	Wastewater Renewal & Replacement Fund	
TOTAL	2,939,079	16,680,519	19,619,598	0	7,932,370	2,526,646	2,000,000	1,500,000	1,500,000		0	35,078,614		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
EXPENDITURES													
		0	0	0	0	7,932,370	2,526,646	2,000,000	1,500,000	1,500,000	0	15,459,016	Future WSD Revenue Bonds
	2,939,079		0	2,939,079	0	0	0	0	0	0	0	2,939,079	S Construction - 2013 Bonds
	0	7,442,351		7,442,351	8,997,516	0	0	0	0	0	0	16,439,867	WASD Wastewater Commercial Paper - 2015
	0	240,652		240,652	0	0	0	0	0	0	0	240,652	Wastewater Renewal & Replacement Fund
TOTAL	2,939,079	7,683,003		10,622,082	8,997,516	7,932,370	2,526,646	2,000,000	1,500,000	1,500,000	0	35,078,614	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102701 S NDWWTP - Primary Clarifiers and Odor Control

Commission District(s) 4

Sub-Project Budget / Estimated **65,884,916**

REVENUES

0	0	0	919,438	0	0	0	0	0	0	0	919,438	2016 Wastewater Revenue Bonds Sold
---	---	---	---------	---	---	---	---	---	---	---	---------	------------------------------------

0	0	0	0	1,951,879	2,317,489	2,783,266	2,904,371	3,454,304	51,554,169	64,965,478	Future WAST Revenue Bonds
---	---	---	---	-----------	-----------	-----------	-----------	-----------	------------	------------	---------------------------

TOTAL

0	0	0	919,438	1,951,879	2,317,489	2,783,266	2,904,371	3,454,304	51,554,169	65,884,916
---	---	---	---------	-----------	-----------	-----------	-----------	-----------	------------	------------

EXPENDITURES

0	0	0	919,438	0	0	0	0	0	0	0	919,438	2016 Wastewater Revenue Bonds Sold
---	---	---	---------	---	---	---	---	---	---	---	---------	------------------------------------

0	0	0	0	1,951,879	2,317,489	2,783,266	2,904,371	3,454,304	51,554,169	64,965,478	Future WAST Revenue Bonds
---	---	---	---	-----------	-----------	-----------	-----------	-----------	------------	------------	---------------------------

TOTAL

0	0	0	919,438	1,951,879	2,317,489	2,783,266	2,904,371	3,454,304	51,554,169	65,884,916
---	---	---	---------	-----------	-----------	-----------	-----------	-----------	------------	------------



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102702 S NDWWTP - Oxygenation Trains

Commission District(s) 4

Sub-Project Budget / Estimated 68,658,889

REVENUES

	0	0	0	0	0	83,475	121,900	550,000	1,750,000	66,153,514	68,658,889	Future WASD Revenue Bonds
--	---	---	---	---	---	--------	---------	---------	-----------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	83,475	121,900	550,000	1,750,000	66,153,514	68,658,889	
--------------	----------	----------	----------	----------	----------	---------------	----------------	----------------	------------------	-------------------	-------------------	--

EXPENDITURES

	0	0	0	0	0	83,475	121,900	550,000	1,750,000	66,153,514	68,658,889	Future WASD Revenue Bonds
--	---	---	---	---	---	--------	---------	---------	-----------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	83,475	121,900	550,000	1,750,000	66,153,514	68,658,889	
--------------	----------	----------	----------	----------	----------	---------------	----------------	----------------	------------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
 2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102703 S NDWWTP - Oxygen Production

Commission District(s) 4

Sub-Project Budget / Estimated 19,657,168

REVENUES

	0	0	0	85,301	0	0	0	0	0	0	0	85,301	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	357,284	614,584	700,695	1,617,746	2,129,287	14,152,271	19,571,867	Future WAST Revenue Bonds	
TOTAL	0	0	0	85,301	357,284	614,584	700,695	1,617,746	2,129,287	14,152,271	19,657,168		

EXPENDITURES

	0	0	0	85,301	0	0	0	0	0	0	0	85,301	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	357,284	614,584	700,695	1,617,746	2,129,287	14,152,271	19,571,867	Future WAST Revenue Bonds	
TOTAL	0	0	0	85,301	357,284	614,584	700,695	1,617,746	2,129,287	14,152,271	19,657,168		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.102704 S NDWWTP - Secondary Clarifiers

Commission District(s) 4

Sub-Project Budget / Estimated 104,911,828

REVENUES

	0	0	0	0	2,711,671	5,627,534	1,698,805	1,640,160	1,693,965	73,343,750	86,715,885	Future WASD Revenue Bonds
	0	11,308,240	11,308,240	0	0	0	0	0	0	0	11,308,240	WASD Wastewater Commercial Paper - 2015
	6,844,032	43,671	6,887,703	0	0	0	0	0	0	0	6,887,703	Wastewater Renewal & Replacement Fund
TOTAL	6,844,032	11,351,911	18,195,943	0	2,711,671	5,627,534	1,698,805	1,640,160	1,693,965	73,343,750	104,911,828	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
	0	0	0	0	2,711,671	5,627,534	1,698,805	1,640,160	1,693,965	73,343,750	86,715,885	Future WSD Revenue Bonds	
	0	6,457,131	6,457,131	4,851,109	0	0	0	0	0	0	11,308,240	WASD Wastewater Commercial Paper - 2015	
	3,284,683	3,603,020	6,887,703	0	0	0	0	0	0	0	6,887,703	Wastewater Renewal & Replacement Fund	
TOTAL	3,284,683	10,060,151	13,344,834	4,851,109	2,711,671	5,627,534	1,698,805	1,640,160	1,693,965	73,343,750	104,911,828		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
.102705 S NDWWTP - Disinfection													
Commission District(s) 4													
Sub-Project Budget / Estimated	36,713,105												
REVENUES													
	2,353,639	0	2,353,639	0	0	0	0	0	0	0	0	2,353,639	Construction - 2010 Bonds
	0	0	0	0	100,000	500,000	1,500,000	2,309,125	2,262,572	27,000,000		33,671,697	Future WASD Revenue Bonds
	515,740	0	515,740	0	0	0	0	0	0	0	0	515,740	S Construction - 2013 Bonds
	85,850	0	85,850	0	0	0	0	0	0	0	0	85,850	WASD Revenue Bonds Sold
	0	86,179	86,179	0	0	0	0	0	0	0	0	86,179	WASD Wastewater Commercial Paper - 2015
TOTAL	2,955,229	86,179	3,041,408	0	100,000	500,000	1,500,000	2,309,125	2,262,572	27,000,000		36,713,105	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
EXPENDITURES													
		2,353,639	0	2,353,639	0	0	0	0	0	0	0	2,353,639	Construction - 2010 Bonds
		0	0	0	0	100,000	500,000	1,500,000	2,309,125	2,262,572	27,000,000	33,671,697	Future WAST Revenue Bonds
		445,698	70,042	515,740	0	0	0	0	0	0	0	515,740	S Construction - 2013 Bonds
		85,850	0	85,850	0	0	0	0	0	0	0	85,850	WAST Revenue Bonds Sold
		0	0	0	86,179	0	0	0	0	0	0	86,179	WAST Wastewater Commercial Paper - 2015
TOTAL		2,885,186	70,042	2,955,228	86,179	100,000	500,000	1,500,000	2,309,125	2,262,572	27,000,000	36,713,104	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102706 S NDWWTP - Effluent Disposal

Commission District(s) 4

Sub-Project Budget / Estimated **13,965,089**

REVENUES

	0	0	0	3,335,553	0	0	0	0	0	0	0	3,335,553	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	2,656,632	1,753,225	710,728	300,000	0	0	0	5,420,585	Future WASD Revenue Bonds
	2,681,604	0	2,681,604	0	0	0	0	0	0	0	0	2,681,604	S Construction - 2013 Bonds
	0	2,527,347	2,527,347	0	0	0	0	0	0	0	0	2,527,347	WASD Wastewater Commercial Paper - 2015
TOTAL	2,681,604	2,527,347	5,208,951	3,335,553	2,656,632	1,753,225	710,728	300,000	0	0	0	13,965,089	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
	0	0	0	3,335,553	0	0	0	0	0	0	0	3,335,553	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	2,656,632	1,753,225	710,728	300,000	0	0	0	5,420,585	Future WAST Revenue Bonds
	2,681,604	0	2,681,604	0	0	0	0	0	0	0	0	2,681,604	S Construction - 2013 Bonds
	0	2,527,347	2,527,347	0	0	0	0	0	0	0	0	2,527,347	WASD Wastewater Commercial Paper - 2015
TOTAL	2,681,604	2,527,347	5,208,951	3,335,553	2,656,632	1,753,225	710,728	300,000	0	0	0	13,965,089	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102707 S NDWWTP - Plant Wide Electrical													
Commission District(s) 4													
Sub-Project Budget / Estimated 7,636,581													
REVENUES													
	0	0	0	0	1,147,950	1,319,254	1,260,290	1,185,674	1,122,817		0	6,035,985	Future WASD Revenue Bonds
	0	1,600,596	1,600,596	0	0	0	0	0	0		0	1,600,596	WASD Wastewater Commercial Paper - 2015
TOTAL	0	1,600,596	1,600,596	0	1,147,950	1,319,254	1,260,290	1,185,674	1,122,817		0	7,636,581	
EXPENDITURES													
	0	0	0	0	1,147,950	1,319,254	1,260,290	1,185,674	1,122,817		0	6,035,985	Future WASD Revenue Bonds
	0	955,248	955,248	645,348	0	0	0	0	0		0	1,600,596	WASD Wastewater Commercial Paper - 2015
TOTAL	0	955,248	955,248	645,348	1,147,950	1,319,254	1,260,290	1,185,674	1,122,817		0	7,636,581	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102708 S NDWWTP - Flood Mitigation

Commission District(s) 4

Sub-Project Budget / Estimated **1,240,637**

REVENUES

	583,616	0	583,616	0	0	0	0	0	0	0	0	583,616	S Construction - 2013 Bonds
	0	657,021	657,021	0	0	0	0	0	0	0	0	657,021	WASD Wastewater Commercial Paper - 2015
TOTAL	583,616	657,021	1,240,637	0	0	0	0	0	0	0	0	1,240,637	

EXPENDITURES

	583,616	0	583,616	0	0	0	0	0	0	0	0	583,616	S Construction - 2013 Bonds
	0	372,404	372,404	284,617	0	0	0	0	0	0	0	657,021	WASD Wastewater Commercial Paper - 2015
TOTAL	583,616	372,404	956,020	284,617	0	0	0	0	0	0	0	1,240,637	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.102709 S NDWWTP - Yard Piping Replacement

Commission District(s) 4

Sub-Project Budget / Estimated 1,424,917

REVENUES

0	0	0	0	262,893	263,486	227,714	234,392	78,895	68,334	1,135,714	Future WASD Revenue Bonds
---	---	---	---	---------	---------	---------	---------	--------	--------	-----------	---------------------------

0	289,203	289,203	0	0	0	0	0	0	0	289,203	WASD Wastewater Commercial Paper - 2015
---	---------	---------	---	---	---	---	---	---	---	---------	---

TOTAL	0	289,203	289,203	0	262,893	263,486	227,714	234,392	78,895	68,334	1,424,917
--------------	----------	----------------	----------------	----------	----------------	----------------	----------------	----------------	---------------	---------------	------------------

EXPENDITURES

0	0	0	0	262,893	263,486	227,714	234,392	78,895	68,334	1,135,714	Future WASD Revenue Bonds
---	---	---	---	---------	---------	---------	---------	--------	--------	-----------	---------------------------

0	101,765	101,765	187,438	0	0	0	0	0	0	289,203	WASD Wastewater Commercial Paper - 2015
---	---------	---------	---------	---	---	---	---	---	---	---------	---

TOTAL	0	101,765	101,765	187,438	262,893	263,486	227,714	234,392	78,895	68,334	1,424,917
--------------	----------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	---------------	---------------	------------------



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
	442,153,970													
REVENUES														
		0	0	0	7,223,276	0	0	0	0	0	0	0	7,223,276	2016 Wastewater Revenue Bonds Sold
		6,589	0	6,589	0	0	0	0	0	0	0	0	6,589	Construction - 2010 Bonds
		0	0	0	0	54,199,470	42,277,157	20,770,247	15,023,363	15,273,363	136,984,124	284,527,724	Future WASD Revenue Bonds	
		8,000,000	8,489,006	16,489,006	4,963,774	0	0	0	0	0	0	21,452,780	Plant Expansion Fund - Wastewater	
		42,638,408	0	42,638,408	0	0	0	0	0	0	0	42,638,408	S Construction - 2013 Bonds	
		0	78,223,012	78,223,012	0	0	0	0	0	0	0	78,223,012	WASD Wastewater Commercial Paper - 2015	
		8,082,181	0	8,082,181	0	0	0	0	0	0	0	8,082,181	Wastewater Renewal & Replacement Fund	
TOTAL		58,727,178.0	86,712,018	145,439,196	12,187,050.0	54,199,470	42,277,157	20,770,247	15,023,363	15,273,363	136,984,124	442,153,970		
EXPENDITURES														
		0	0	0	7,223,276	0	0	0	0	0	0	7,223,276	2016 Wastewater Revenue Bonds Sold	
		6,589	0	6,589	0	0	0	0	0	0	0	6,589	Construction - 2010 Bonds	
		0	0	0	0	54,199,470	42,277,157	20,770,247	15,023,363	15,273,363	136,984,124	284,527,724	Future WASD Revenue Bonds	
		6,474,768	8,489,006	14,963,774	6,489,006	0	0	0	0	0	0	21,452,780	Plant Expansion Fund - Wastewater	
		37,763,952	4,874,456	42,638,408	0	0	0	0	0	0	0	42,638,408	S Construction - 2013 Bonds	
		0	38,663,915	38,663,915	39,559,097	0	0	0	0	0	0	78,223,012	WASD Wastewater Commercial Paper - 2015	
		4,957,292	3,124,889	8,082,181	0	0	0	0	0	0	0	8,082,181	Wastewater Renewal & Replacement Fund	
TOTAL		49,202,601.1	55,152,266	104,354,867	53,271,379.0	54,199,470	42,277,157	20,770,247	15,023,363	15,273,363	136,984,124	442,153,970		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future			
.102800 S Collection System I/I Repairs														
Commission District(s)	COUNTYWIDE													
Sub-Project Budget / Estimated	129,196,977													
REVENUES														
	0	0	0	0	9,523,363	5,523,363	3,549,454	3,523,363	3,523,363		78,642,905	104,285,811	Future WASH Revenue Bonds	
	5,739,474	0	5,739,474	0	0	0	0	0	0		0	5,739,474	S Construction - 2013 Bonds	
	0	19,171,692	19,171,692	0	0	0	0	0	0		0	19,171,692	WASH Wastewater Commercial Paper - 2015	
TOTAL	5,739,474	19,171,692	24,911,166	0	9,523,363	5,523,363	3,549,454	3,523,363	3,523,363		78,642,905	129,196,977		
EXPENDITURES														
	0	0	0	0	9,523,363	5,523,363	3,549,454	3,523,363	3,523,363		78,642,905	104,285,811	Future WASH Revenue Bonds	
	5,739,474	0	5,739,474	0	0	0	0	0	0		0	5,739,474	S Construction - 2013 Bonds	
	0	9,648,329	9,648,329	9,523,363	0	0	0	0	0		0	19,171,692	WASH Wastewater Commercial Paper - 2015	
TOTAL	5,739,474	9,648,329	15,387,803	9,523,363	9,523,363	5,523,363	3,549,454	3,523,363	3,523,363		78,642,905	129,196,977		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102802 S Government Cut FM - Phase 3													
Commission District(s) 5													
Sub-Project Budget / Estimated 92,902,157													
REVENUES													
	0	0	0	0	9,089,865	7,500,000	3,500,000	1,000,000	1,000,000		0	22,089,865	Future WASD Revenue Bonds
	8,000,000	8,489,006	16,489,006	4,963,774	0	0	0	0	0		0	21,452,780	Plant Expansion Fund - Wastewater
	29,325,732	0	29,325,732	0	0	0	0	0	0		0	29,325,732	S Construction - 2013 Bonds
	0	20,033,780	20,033,780	0	0	0	0	0	0		0	20,033,780	WASD Wastewater Commercial Paper - 2015
TOTAL	37,325,732	28,522,786	65,848,518	4,963,774	9,089,865	7,500,000	3,500,000	1,000,000	1,000,000		0	92,902,157	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
EXPENDITURES														
		0	0	0	0	9,089,865	7,500,000	3,500,000	1,000,000	1,000,000	0	22,089,865	Future WASH Revenue Bonds	
	6,474,768	8,489,006	14,963,774	6,489,006	0	0	0	0	0	0	0	21,452,780	Plant Expansion Fund - Wastewater	
	29,325,732	0	29,325,732	0	0	0	0	0	0	0	0	29,325,732	S Construction - 2013 Bonds	
	0	12,490,796	12,490,796	7,542,984	0	0	0	0	0	0	0	20,033,780	WASH Wastewater Commercial Paper - 2015	
TOTAL	35,800,500	20,979,802	56,780,302	14,031,990	9,089,865	7,500,000	3,500,000	1,000,000	1,000,000	0	92,902,157			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102803 S North Dade 72 inch PCCP FM Rehabilitation														
Commission District(s)	7													
Sub-Project Budget / Estimated	23,246,364													
REVENUES														
	0	0	0	0	3,000,000	1,000,000	0	0	0	0	0	4,000,000	Future WASH Revenue Bonds	
	1,735,608	0	1,735,608	0	0	0	0	0	0	0	0	1,735,608	S Construction - 2013 Bonds	
	0	16,079,150	16,079,150	0	0	0	0	0	0	0	0	16,079,150	WASH Wastewater Commercial Paper - 2015	
	1,431,606	0	1,431,606	0	0	0	0	0	0	0	0	1,431,606	Wastewater Renewal & Replacement Fund	
TOTAL	3,167,214	16,079,150	19,246,364	0	3,000,000	1,000,000	0	0	0	0	0	23,246,364		
EXPENDITURES														
	0	0	0	0	3,000,000	1,000,000	0	0	0	0	0	4,000,000	Future WASH Revenue Bonds	
	897,793	837,815	1,735,608	0	0	0	0	0	0	0	0	1,735,608	S Construction - 2013 Bonds	
	0	10,264,800	10,264,800	5,814,350	0	0	0	0	0	0	0	16,079,150	WASH Wastewater Commercial Paper - 2015	
	1,431,606	0	1,431,606	0	0	0	0	0	0	0	0	1,431,606	Wastewater Renewal & Replacement Fund	
TOTAL	2,329,399	11,102,615	13,432,014	5,814,350	3,000,000	1,000,000	0	0	0	0	0	23,246,364		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102804 S South Dade 54 inch PCCP FM Rehabilitation														
Commission District(s)		7												
Sub-Project Budget / Estimated			74,377,169											
REVENUES														
			0	0	0	7,223,276	0	0	0	0	0	0	7,223,276	2016 Wastewater Revenue Bonds Sold
			0	0	0	0	8,291,171	8,500,000	2,500,000	1,500,000	2,000,000	41,500,000	64,291,171	Future WASD Revenue Bonds
			745,987	0	745,987	0	0	0	0	0	0	0	745,987	S Construction - 2013 Bonds
			0	2,116,735	2,116,735	0	0	0	0	0	0	0	2,116,735	WASD Wastewater Commercial Paper - 2015
TOTAL			745,987	2,116,735	2,862,722	7,223,276	8,291,171	8,500,000	2,500,000	1,500,000	2,000,000	41,500,000	74,377,169	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future			
EXPENDITURES														
		0	0	0	7,223,276	0	0	0	0	0	0	0	7,223,276	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	8,291,171	8,500,000	2,500,000	1,500,000	2,000,000	41,500,000	64,291,171	Future WAST Revenue Bonds	
	745,987	0	745,987	0	0	0	0	0	0	0	0	745,987	S Construction - 2013 Bonds	
	0	2,116,735	2,116,735	0	0	0	0	0	0	0	0	2,116,735	WAST Wastewater Commercial Paper - 2015	
TOTAL	745,987	2,116,735	2,862,722	7,223,276	8,291,171	8,500,000	2,500,000	1,500,000	2,000,000	41,500,000	74,377,169			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102805 S Replacement of Tamiami Canal Aerial Crossing FMs at NW 37th Ave													
Commission District(s) 5													
Sub-Project Budget / Estimated	621,076												
REVENUES													
	6,589	0	6,589	0	0	0	0	0	0	0	0	6,589	Construction - 2010 Bonds
	614,487	0	614,487	0	0	0	0	0	0	0	0	614,487	Wastewater Renewal & Replacement Fund
TOTAL	621,076	0	621,076	0	0	0	0	0	0	0	0	621,076	
EXPENDITURES													
	6,589	0	6,589	0	0	0	0	0	0	0	0	6,589	Construction - 2010 Bonds
	614,487	0	614,487	0	0	0	0	0	0	0	0	614,487	Wastewater Renewal & Replacement Fund
TOTAL	621,076	0	621,076	0	0	0	0	0	0	0	0	621,076	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102806 S Replacement of 18 inch DIP FM in Miami Lakes													
Commission District(s)		13											
Sub-Project Budget / Estimated		1,000,000											
REVENUES													
		1,000,000	0	1,000,000	0	0	0	0	0	0	0	1,000,000	Wastewater Renewal & Replacement Fund
TOTAL		1,000,000	0	1,000,000	0	0	0	0	0	0	0	1,000,000	
EXPENDITURES													
		0	1,000,000	1,000,000	0	0	0	0	0	0	0	1,000,000	Wastewater Renewal & Replacement Fund
TOTAL		0	1,000,000	1,000,000	0	0	0	0	0	0	0	1,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		
.102807 S Rehabilitation of 54 inch PCCP FM in the City of Miami													
Commission District(s) 7													
Sub-Project Budget / Estimated	34,499,230												
REVENUES													
	0	0	0	0	7,318,702	6,633,354	4,114,373	3,000,000	3,000,000	5,000,000	29,066,429	Future WASD Revenue Bonds	
	260,786	0	260,786	0	0	0	0	0	0	0	260,786	S Construction - 2013 Bonds	
	0	5,172,015	5,172,015	0	0	0	0	0	0	0	5,172,015	WASD Wastewater Commercial Paper - 2015	
TOTAL	260,786	5,172,015	5,432,801	0	7,318,702	6,633,354	4,114,373	3,000,000	3,000,000	5,000,000	34,499,230		
EXPENDITURES													
	0	0	0	0	7,318,702	6,633,354	4,114,373	3,000,000	3,000,000	5,000,000	29,066,429	Future WASD Revenue Bonds	
	260,786	0	260,786	0	0	0	0	0	0	0	260,786	S Construction - 2013 Bonds	
	0	1,832,653	1,832,653	3,339,362	0	0	0	0	0	0	5,172,015	WASD Wastewater Commercial Paper - 2015	
TOTAL	260,786	1,832,653	2,093,439	3,339,362	7,318,702	6,633,354	4,114,373	3,000,000	3,000,000	5,000,000	34,499,230		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102808 S Replace Approximately 25 miles of AC force mains														
Commission District(s)	COUNTYWIDE													
Sub-Project Budget / Estimated	50,769,198													
REVENUES														
	0	0	0	0	7,463,770	7,620,440	4,106,420	3,000,000	3,250,000	7,841,219	33,281,849	Future WASD Revenue Bonds		
	4,830,821	0	4,830,821	0	0	0	0	0	0	0	4,830,821	S Construction - 2013 Bonds		
	0	7,620,440	7,620,440	0	0	0	0	0	0	0	7,620,440	WASD Wastewater Commercial Paper - 2015		
	5,036,088	0	5,036,088	0	0	0	0	0	0	0	5,036,088	Wastewater Renewal & Replacement Fund		
TOTAL	9,866,909	7,620,440	17,487,349	0	7,463,770	7,620,440	4,106,420	3,000,000	3,250,000	7,841,219	50,769,198			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
EXPENDITURES														
		0	0	0	0	7,463,770	7,620,440	4,106,420	3,000,000	3,250,000	7,841,219	33,281,849	Future WSD Revenue Bonds	
	794,180	4,036,641	4,830,821	0	0	0	0	0	0	0	0	4,830,821	S Construction - 2013 Bonds	
	0	0	0	7,620,440	0	0	0	0	0	0	0	7,620,440	WASD Wastewater Commercial Paper - 2015	
	2,911,199	2,124,889	5,036,088	0	0	0	0	0	0	0	0	5,036,088	Wastewater Renewal & Replacement Fund	
TOTAL	3,705,379	6,161,530	9,866,909	7,620,440	7,463,770	7,620,440	4,106,420	3,000,000	3,250,000	7,841,219	50,769,198			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		
.102809 S Opa-Locka Airport 48" PCCP force main replacement													
Commission District(s) 1													
Sub-Project Budget / Estimated		35,541,799											
REVENUES													
		0	0	0	0	9,512,599	5,500,000	3,000,000	3,000,000	2,500,000	4,000,000	27,512,599	Future WASH Revenue Bonds
		0	8,029,200	8,029,200	0	0	0	0	0	0	0	8,029,200	WASH Wastewater Commercial Paper - 2015
TOTAL		0	8,029,200	8,029,200	0	9,512,599	5,500,000	3,000,000	3,000,000	2,500,000	4,000,000	35,541,799	
EXPENDITURES													
		0	0	0	0	9,512,599	5,500,000	3,000,000	3,000,000	2,500,000	4,000,000	27,512,599	Future WASH Revenue Bonds
		0	2,310,602	2,310,602	5,718,598	0	0	0	0	0	0	8,029,200	WASH Wastewater Commercial Paper - 2015
TOTAL		0	2,310,602	2,310,602	5,718,598	9,512,599	5,500,000	3,000,000	3,000,000	2,500,000	4,000,000	35,541,799	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
	130,912,219													
REVENUES														
		0	0	0	19,307,065	0	0	0	0	0	0	19,307,065	2016 Wastewater Revenue Bonds Sold	
		0	0	0	0	38,890,477	23,678,351	15,000,000	7,183,541	1,000,000	0	85,752,369	Future WASD Revenue Bonds	
		1,005,978	0	1,005,978	0	0	0	0	0	0	0	1,005,978	Plant Expansion Fund - Wastewater	
		8,513,114	0	8,513,114	0	0	0	0	0	0	0	8,513,114	S Construction - 2013 Bonds	
		0	16,333,693	16,333,693	0	0	0	0	0	0	0	16,333,693	WASD Wastewater Commercial Paper - 2015	
TOTAL		9,519,092.0	16,333,693	25,852,785	19,307,065.0	38,890,477	23,678,351	15,000,000	7,183,541	1,000,000	0	130,912,219		
EXPENDITURES														
		0	0	0	19,307,065	0	0	0	0	0	0	19,307,065	2016 Wastewater Revenue Bonds Sold	
		0	0	0	0	38,890,477	23,678,351	15,000,000	7,183,541	1,000,000	0	85,752,369	Future WASD Revenue Bonds	
		1,005,978	0	1,005,978	0	0	0	0	0	0	0	1,005,978	Plant Expansion Fund - Wastewater	
		7,538,205	974,909	8,513,114	0	0	0	0	0	0	0	8,513,114	S Construction - 2013 Bonds	
		0	12,056,526	12,056,526	4,277,167	0	0	0	0	0	0	16,333,693	WASD Wastewater Commercial Paper - 2015	
TOTAL		8,544,182.4	13,031,435	21,575,617	23,584,232.0	38,890,477	23,678,351	15,000,000	7,183,541	1,000,000	0	130,912,218		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102900 S DORAL BASIN - UPGRADE SEWAGE PS No. 418													
Commission District(s) 12													
Sub-Project Budget / Estimated 20,473,468													
REVENUES													
	0	0	0	3,673,861	0	0	0	0	0	0	0	3,673,861	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	5,292,162	3,946,991	2,000,000	2,000,000	1,000,000		0	14,239,153	Future WASD Revenue Bonds
	1,005,978	0	1,005,978	0	0	0	0	0	0		0	1,005,978	Plant Expansion Fund - Wastewater
	182,555	0	182,555	0	0	0	0	0	0		0	182,555	S Construction - 2013 Bonds
	0	1,371,921	1,371,921	0	0	0	0	0	0		0	1,371,921	WASD Wastewater Commercial Paper - 2015
TOTAL	1,188,533	1,371,921	2,560,454	3,673,861	5,292,162	3,946,991	2,000,000	2,000,000	1,000,000		0	20,473,468	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
	0	0	0	3,673,861	0	0	0	0	0	0	0	0	3,673,861	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	5,292,162	3,946,991	2,000,000	2,000,000	1,000,000		0	0	14,239,153	Future WAST Revenue Bonds
	1,005,978	0	1,005,978	0	0	0	0	0	0	0	0	0	1,005,978	Plant Expansion Fund - Wastewater
	182,555	0	182,555	0	0	0	0	0	0	0	0	0	182,555	S Construction - 2013 Bonds
	0	1,371,921	1,371,921	0	0	0	0	0	0	0	0	0	1,371,921	WAST Wastewater Commercial Paper - 2015
TOTAL	1,188,532	1,371,921	2,560,453	3,673,861	5,292,162	3,946,991	2,000,000	2,000,000	1,000,000		0	0	20,473,467	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102901 S Upgrade of PS#0691													
Commission District(s) 8													
Sub-Project Budget / Estimated		4,537,302											
REVENUES													
		0	0	0	0	2,938,572	789,573	0	0	0	0	3,728,145	Future WASD Revenue Bonds
	83,231	0	83,231	0	0	0	0	0	0	0	0	83,231	S Construction - 2013 Bonds
	0	725,926	725,926	0	0	0	0	0	0	0	0	725,926	WASD Wastewater Commercial Paper - 2015
TOTAL	83,231	725,926	809,157	0	2,938,572	789,573	0	0	0	0	0	4,537,302	
EXPENDITURES													
		0	0	0	0	2,938,572	789,573	0	0	0	0	3,728,145	Future WASD Revenue Bonds
	83,231	0	83,231	0	0	0	0	0	0	0	0	83,231	S Construction - 2013 Bonds
	0	359,525	359,525	366,401	0	0	0	0	0	0	0	725,926	WASD Wastewater Commercial Paper - 2015
TOTAL	83,231	359,525	442,756	366,401	2,938,572	789,573	0	0	0	0	0	4,537,302	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
.102902 S Upgrade of PS#0692														
Commission District(s)	8													
Sub-Project Budget / Estimated	13,855,148													
REVENUES														
	0	0	0	0	3,224,351	4,805,137	3,000,000	1,000,000	0	0	0	0	12,029,488	Future WASD Revenue Bonds
	422,144	0	422,144	0	0	0	0	0	0	0	0	0	422,144	S Construction - 2013 Bonds
	0	1,403,516	1,403,516	0	0	0	0	0	0	0	0	0	1,403,516	WASD Wastewater Commercial Paper - 2015
TOTAL	422,144	1,403,516	1,825,660	0	3,224,351	4,805,137	3,000,000	1,000,000	0	0	0	0	13,855,148	
EXPENDITURES														
	0	0	0	0	3,224,351	4,805,137	3,000,000	1,000,000	0	0	0	0	12,029,488	Future WASD Revenue Bonds
	422,144	0	422,144	0	0	0	0	0	0	0	0	0	422,144	S Construction - 2013 Bonds
	0	632,724	632,724	770,792	0	0	0	0	0	0	0	0	1,403,516	WASD Wastewater Commercial Paper - 2015
TOTAL	422,144	632,724	1,054,868	770,792	3,224,351	4,805,137	3,000,000	1,000,000	0	0	0	0	13,855,148	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102903 S Replacement of Switchgear PS#0414													
Commission District(s)	13												
Sub-Project Budget / Estimated	7,643,566												
REVENUES													
		0	0	0	2,718,756	0	0	0	0	0	0	2,718,756	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	3,679,073	86,657	0	0	0	0	3,765,730	Future WAST Revenue Bonds
	37,383	0	0	37,383	0	0	0	0	0	0	0	37,383	S Construction - 2013 Bonds
	0	1,121,697	0	1,121,697	0	0	0	0	0	0	0	1,121,697	WAST Wastewater Commercial Paper - 2015
TOTAL	37,383	1,121,697	0	1,159,080	2,718,756	3,679,073	86,657	0	0	0	0	7,643,566	
EXPENDITURES													
		0	0	0	2,718,756	0	0	0	0	0	0	2,718,756	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	3,679,073	86,657	0	0	0	0	3,765,730	Future WAST Revenue Bonds
	37,383	0	0	37,383	0	0	0	0	0	0	0	37,383	S Construction - 2013 Bonds
	0	1,121,697	0	1,121,697	0	0	0	0	0	0	0	1,121,697	WAST Wastewater Commercial Paper - 2015
TOTAL	37,383	1,121,697	0	1,159,080	2,718,756	3,679,073	86,657	0	0	0	0	7,643,566	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102904 S Replacement of Switchgear and Rehabilitation of Wet well PS#0415													
Commission District(s) 1													
Sub-Project Budget / Estimated 10,921,442													
REVENUES													
	0	0	0	0	2,641,456	3,928,195	3,000,000	0	0	0	0	9,569,651	Future WASD Revenue Bonds
	36,744	0	36,744	0	0	0	0	0	0	0	0	36,744	S Construction - 2013 Bonds
	0	1,315,047	1,315,047	0	0	0	0	0	0	0	0	1,315,047	WASD Wastewater Commercial Paper - 2015
TOTAL	36,744	1,315,047	1,351,791	0	2,641,456	3,928,195	3,000,000	0	0	0	0	10,921,442	
EXPENDITURES													
	0	0	0	0	2,641,456	3,928,195	3,000,000	0	0	0	0	9,569,651	Future WASD Revenue Bonds
	36,744	0	36,744	0	0	0	0	0	0	0	0	36,744	S Construction - 2013 Bonds
	0	672,340	672,340	642,707	0	0	0	0	0	0	0	1,315,047	WASD Wastewater Commercial Paper - 2015
TOTAL	36,744	672,340	709,084	642,707	2,641,456	3,928,195	3,000,000	0	0	0	0	10,921,442	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102905 S Replacement of Switchgear PS#0416														
Commission District(s)		1												
Sub-Project Budget / Estimated			5,650,806											
REVENUES														
			0	0	0	2,337,570	0	0	0	0	0	0	2,337,570	2016 Wastewater Revenue Bonds Sold
			0	0	0	0	2,895,743	60,304	0	0	0	0	2,956,047	Future WAST Revenue Bonds
			0	357,189	357,189	0	0	0	0	0	0	0	357,189	WAST Wastewater Commercial Paper - 2015
TOTAL			0	357,189	357,189	2,337,570	2,895,743	60,304	0	0	0	0	5,650,806	
EXPENDITURES														
			0	0	0	2,337,570	0	0	0	0	0	0	2,337,570	2016 Wastewater Revenue Bonds Sold
			0	0	0	0	2,895,743	60,304	0	0	0	0	2,956,047	Future WAST Revenue Bonds
			0	357,189	357,189	0	0	0	0	0	0	0	357,189	WAST Wastewater Commercial Paper - 2015
TOTAL			0	357,189	357,189	2,337,570	2,895,743	60,304	0	0	0	0	5,650,806	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102906 S Replacement of Switchgear and Rehabilitation of Wet well PS#0417													
Commission District(s) 13													
Sub-Project Budget / Estimated 7,459,230													
REVENUES													
	0	0	0	0	750,000	1,793,967	2,500,000	1,526,403	0	0	6,570,370	Future WASD Revenue Bonds	
	37,273	0	37,273	0	0	0	0	0	0	0	37,273	S Construction - 2013 Bonds	
	0	851,587	851,587	0	0	0	0	0	0	0	851,587	WASD Wastewater Commercial Paper - 2015	
TOTAL	37,273	851,587	888,860	0	750,000	1,793,967	2,500,000	1,526,403	0	0	7,459,230		
EXPENDITURES													
	0	0	0	0	750,000	1,793,967	2,500,000	1,526,403	0	0	6,570,370	Future WASD Revenue Bonds	
	37,273	0	37,273	0	0	0	0	0	0	0	37,273	S Construction - 2013 Bonds	
	0	399,316	399,316	452,271	0	0	0	0	0	0	851,587	WASD Wastewater Commercial Paper - 2015	
TOTAL	37,273	399,316	436,589	452,271	750,000	1,793,967	2,500,000	1,526,403	0	0	7,459,230		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102907 S Replacement of Electrical and Mechanical Equipment in PS#0107													
Commission District(s) 3													
Sub-Project Budget / Estimated	2,700,192												
REVENUES													
	0	0	0	3,717	0	0	0	0	0	0	0	3,717	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,744,117	901,640	0	0	0	0	0	2,645,757	Future WASD Revenue Bonds
	50,718	0	50,718	0	0	0	0	0	0	0	0	50,718	S Construction - 2013 Bonds
TOTAL	50,718	0	50,718	3,717	1,744,117	901,640	0	0	0	0	0	2,700,192	
EXPENDITURES													
	0	0	0	3,717	0	0	0	0	0	0	0	3,717	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,744,117	901,640	0	0	0	0	0	2,645,757	Future WASD Revenue Bonds
	30,718	20,000	50,718	0	0	0	0	0	0	0	0	50,718	S Construction - 2013 Bonds
TOTAL	30,718	20,000	50,718	3,717	1,744,117	901,640	0	0	0	0	0	2,700,192	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102908 S Replacement of Plumbing and Electrical Equipment at PS#0301													
Commission District(s) 4													
Sub-Project Budget / Estimated	5,053,537												
REVENUES													
	0	0	0	2,265,174	0	0	0	0	0	0	0	2,265,174	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	2,031,006	47,919	0	0	0	0	0	2,078,925	Future WAST Revenue Bonds
	144,122	0	144,122	0	0	0	0	0	0	0	0	144,122	S Construction - 2013 Bonds
	0	565,316	565,316	0	0	0	0	0	0	0	0	565,316	WAST Wastewater Commercial Paper - 2015
TOTAL	144,122	565,316	709,438	2,265,174	2,031,006	47,919	0	0	0	0	0	5,053,537	
EXPENDITURES													
	0	0	0	2,265,174	0	0	0	0	0	0	0	2,265,174	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	2,031,006	47,919	0	0	0	0	0	2,078,925	Future WAST Revenue Bonds
	144,122	0	144,122	0	0	0	0	0	0	0	0	144,122	S Construction - 2013 Bonds
	0	565,316	565,316	0	0	0	0	0	0	0	0	565,316	WAST Wastewater Commercial Paper - 2015
TOTAL	144,122	565,316	709,438	2,265,174	2,031,006	47,919	0	0	0	0	0	5,053,537	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102909 S Upgrade of PS#0488													
Commission District(s)		2											
Sub-Project Budget / Estimated		1,016,892											
REVENUES													
		0	0	0	362,020	0	0	0	0	0	0	362,020	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	558,005	12,671	0	0	0	0	570,676	Future WASD Revenue Bonds
		84,196	0	84,196	0	0	0	0	0	0	0	84,196	S Construction - 2013 Bonds
TOTAL		84,196	0	84,196	362,020	558,005	12,671	0	0	0	0	1,016,892	
EXPENDITURES													
		0	0	0	362,020	0	0	0	0	0	0	362,020	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	558,005	12,671	0	0	0	0	570,676	Future WASD Revenue Bonds
		52,310	31,886	84,196	0	0	0	0	0	0	0	84,196	S Construction - 2013 Bonds
TOTAL		52,310	31,886	84,196	362,020	558,005	12,671	0	0	0	0	1,016,892	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102910 S Installation of 60 inch FM from Kendall Dr to PS#0536													
Commission District(s) 7													
Sub-Project Budget / Estimated	2,579,250												
REVENUES													
	0	0	0	674,334	0	0	0	0	0	0	0	674,334	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,714,697	32,631	0	0	0	0	0	1,747,328	Future WAST Revenue Bonds
	0	157,588	157,588	0	0	0	0	0	0	0	0	157,588	WAST Wastewater Commercial Paper - 2015
TOTAL	0	157,588	157,588	674,334	1,714,697	32,631	0	0	0	0	0	2,579,250	
EXPENDITURES													
	0	0	0	674,334	0	0	0	0	0	0	0	674,334	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	1,714,697	32,631	0	0	0	0	0	1,747,328	Future WAST Revenue Bonds
	0	157,588	157,588	0	0	0	0	0	0	0	0	157,588	WAST Wastewater Commercial Paper - 2015
TOTAL	0	157,588	157,588	674,334	1,714,697	32,631	0	0	0	0	0	2,579,250	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102911 S Replacement of Switchgear at PS#0187

Commission District(s) 6

Sub-Project Budget / Estimated 15,962,836

REVENUES

	0	0	0	3,085,217	0	0	0	0	0	0	0	3,085,217	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	4,784,508	3,166,547	2,000,000	1,157,138	0	0	0	11,108,193	Future WASD Revenue Bonds
	266,299	0	266,299	0	0	0	0	0	0	0	0	266,299	S Construction - 2013 Bonds
	0	1,503,127	1,503,127	0	0	0	0	0	0	0	0	1,503,127	WASD Wastewater Commercial Paper - 2015
TOTAL	266,299	1,503,127	1,769,426	3,085,217	4,784,508	3,166,547	2,000,000	1,157,138	0	0	0	15,962,836	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future			
EXPENDITURES														
		0	0	0	3,085,217	0	0	0	0	0	0	0	3,085,217	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	4,784,508	3,166,547	2,000,000	1,157,138	0	0	0	11,108,193	Future WAST Revenue Bonds
	266,299		0	266,299	0	0	0	0	0	0	0	0	266,299	S Construction - 2013 Bonds
	0	1,503,127		1,503,127	0	0	0	0	0	0	0	0	1,503,127	WASD Wastewater Commercial Paper - 2015
TOTAL		266,299	1,503,127	1,769,426	3,085,217	4,784,508	3,166,547	2,000,000	1,157,138	0	0	0	15,962,836	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102912 S Refurbish Emergency Generators and Controls at Regional Pump Stations

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **558,061**

REVENUES

	529,059	0	529,059	0	0	0	0	0	0	0	0	529,059	S Construction - 2013 Bonds
	0	29,002	29,002	0	0	0	0	0	0	0	0	29,002	WASD Wastewater Commercial Paper - 2015
TOTAL	529,059	29,002	558,061	0	0	0	0	0	0	0	0	558,061	

EXPENDITURES

	278,259	250,800	529,059	0	0	0	0	0	0	0	0	529,059	S Construction - 2013 Bonds
	0	0	0	29,002	0	0	0	0	0	0	0	29,002	WASD Wastewater Commercial Paper - 2015
TOTAL	278,259	250,800	529,059	29,002	0	0	0	0	0	0	0	558,061	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

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

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

Sub-Project Budget / Estimated 5,058,750

REVENUES

	1,490,902	0	1,490,902	0	0	0	0	0	0	0	0	1,490,902	S Construction - 2013 Bonds
	0	3,567,848	3,567,848	0	0	0	0	0	0	0	0	3,567,848	WASD Wastewater Commercial Paper - 2015
TOTAL	1,490,902	3,567,848	5,058,750	0	0	0	0	0	0	0	0	5,058,750	

EXPENDITURES

	1,490,902	0	1,490,902	0	0	0	0	0	0	0	0	1,490,902	S Construction - 2013 Bonds
	0	2,551,854	2,551,854	1,015,994	0	0	0	0	0	0	0	3,567,848	WASD Wastewater Commercial Paper - 2015
TOTAL	1,490,902	2,551,854	4,042,756	1,015,994	0	0	0	0	0	0	0	5,058,750	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102915 S Upgrade of PS #00198, 0437, 0466, 0680													
Commission District(s) 12,1,4,9													
Sub-Project Budget / Estimated		5,352,600											
REVENUES													
		0	0	0	1,780,829	0	0	0	0	0	0	1,780,829	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	1,000,000	0	0	0	0	0	1,000,000	Future WASD Revenue Bonds
	178,284	0	178,284	0	0	0	0	0	0	0	0	178,284	S Construction - 2013 Bonds
	0	2,393,487	2,393,487	0	0	0	0	0	0	0	0	2,393,487	WASD Wastewater Commercial Paper - 2015
TOTAL	178,284	2,393,487	2,571,771	1,780,829	1,000,000	0	0	0	0	0	0	5,352,600	
EXPENDITURES													
		0	0	0	1,780,829	0	0	0	0	0	0	1,780,829	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	1,000,000	0	0	0	0	0	1,000,000	Future WASD Revenue Bonds
	178,284	0	178,284	0	0	0	0	0	0	0	0	178,284	S Construction - 2013 Bonds
	0	1,393,487	1,393,487	1,000,000	0	0	0	0	0	0	0	2,393,487	WASD Wastewater Commercial Paper - 2015
TOTAL	178,284	1,393,487	1,571,771	2,780,829	1,000,000	0	0	0	0	0	0	5,352,600	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102916 S Upgrade of PS #0037, 0351, 0370, 0403													
Commission District(s) 7,1													
Sub-Project Budget / Estimated 10,266,177													
REVENUES													
	0	0	0	1,598,308	0	0	0	0	0	0	0	1,598,308	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	2,697,427	2,000,000	1,500,000	1,500,000	0	0	0	7,697,427	Future WAST Revenue Bonds
	0	970,442	970,442	0	0	0	0	0	0	0	0	970,442	WAST Wastewater Commercial Paper - 2015
TOTAL	0	970,442	970,442	1,598,308	2,697,427	2,000,000	1,500,000	1,500,000	0	0	0	10,266,177	
EXPENDITURES													
	0	0	0	1,598,308	0	0	0	0	0	0	0	1,598,308	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	2,697,427	2,000,000	1,500,000	1,500,000	0	0	0	7,697,427	Future WAST Revenue Bonds
	0	970,442	970,442	0	0	0	0	0	0	0	0	970,442	WAST Wastewater Commercial Paper - 2015
TOTAL	0	970,442	970,442	1,598,308	2,697,427	2,000,000	1,500,000	1,500,000	0	0	0	10,266,177	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

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

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

Sub-Project Budget / Estimated **6,852,758**

REVENUES

	0	0	0	807,279	0	0	0	0	0	0	0	807,279	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	2,939,360	2,106,119	1,000,000	0	0	0	0	6,045,479	Future WASD Revenue Bonds
TOTAL	0	0	0	807,279	2,939,360	2,106,119	1,000,000	0	0	0	0	6,852,758	

EXPENDITURES

	0	0	0	807,279	0	0	0	0	0	0	0	807,279	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	2,939,360	2,106,119	1,000,000	0	0	0	0	6,045,479	Future WASD Revenue Bonds
TOTAL	0	0	0	807,279	2,939,360	2,106,119	1,000,000	0	0	0	0	6,852,758	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102918 S SCADA RTU Upgrades
 Commission District(s) **COUNTYWIDE**
 Sub-Project Budget / Estimated **4,970,204**

REVENUES												
	4,970,204	0	4,970,204	0	0	0	0	0	0	0	0	4,970,204 S Construction - 2013 Bonds
TOTAL	4,970,204	0	4,970,204	0	0	0	0	0	0	0	0	4,970,204
EXPENDITURES												
	4,297,981	672,223	4,970,204	0	0	0	0	0	0	0	0	4,970,204 S Construction - 2013 Bonds
TOTAL	4,297,981	672,223	4,970,204	0	0	0	0	0	0	0	0	4,970,204



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1047. WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT

Commission District(s)

OSBM No. 968090

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	279,913,152												
REVENUES													
		0	0	0	560,799	0	0	0	0	0	0	560,799	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	881,681	434,891	5,364,223	5,859,137	3,000,000	134,492,992	150,032,924	Future WASD Revenue Bonds
		0	2,062,595	2,062,595	3,635,471	14,083,939	21,182,447	11,829,271	17,313,050	28,000,000	27,893,227	126,000,000	General Obligation Bonds
	3,319,429	0	0	3,319,429	0	0	0	0	0	0	0	3,319,429	S Construction - 2013 Bonds
TOTAL	3,319,429.0	2,062,595	5,382,024	4,196,270.0	14,965,620	21,617,338	17,193,494	23,172,187	31,000,000	162,386,219	279,913,152		
EXPENDITURES													
		0	0	0	560,799	0	0	0	0	0	0	560,799	2016 Wastewater Revenue Bonds Sold
		0	0	0	0	881,681	434,891	5,364,223	5,859,137	3,000,000	134,492,992	150,032,924	Future WASD Revenue Bonds
		0	2,062,595	2,062,595	3,635,471	14,083,939	21,182,447	11,829,271	17,313,050	28,000,000	27,893,227	126,000,000	General Obligation Bonds
	127,322	3,192,107	0	3,319,429	0	0	0	0	0	0	0	3,319,429	S Construction - 2013 Bonds
TOTAL	127,322.3	5,254,702	5,382,024	4,196,270.0	14,965,620	21,617,338	17,193,494	23,172,187	31,000,000	162,386,219	279,913,152		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1047. WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT

Commission District(s)

OSBM No. 968090

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.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 189,705,749

REVENUES

	0	0	0	0	0	0	0	0	0	0	124,492,992	124,492,992	Future WASD Revenue Bonds
	0	463,004	463,004	1,964,570	7,497,099	10,874,653	6,465,048	8,453,913	25,000,000	4,494,470	65,212,757	65,212,757	General Obligation Bonds
TOTAL	0	463,004	463,004	1,964,570	7,497,099	10,874,653	6,465,048	8,453,913	25,000,000	128,987,462	189,705,749	189,705,749	

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	124,492,992	124,492,992	Future WASD Revenue Bonds
	0	463,004	463,004	1,964,570	7,497,099	10,874,653	6,465,048	8,453,913	25,000,000	4,494,470	65,212,757	65,212,757	General Obligation Bonds
TOTAL	0	463,004	463,004	1,964,570	7,497,099	10,874,653	6,465,048	8,453,913	25,000,000	128,987,462	189,705,749	189,705,749	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1047. WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT

Commission District(s)

OSBM No. 968090

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.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 85,445,494													
REVENUES													
	0	0	0	0	0	434,891	5,364,223	5,859,137	3,000,000	10,000,000	24,658,251	Future WASD Revenue Bonds	
	0	1,599,591	1,599,591	1,670,901	6,586,840	10,307,794	5,364,223	8,859,137	3,000,000	23,398,757	60,787,243	General Obligation Bonds	
TOTAL	0	1,599,591	1,599,591	1,670,901	6,586,840	10,742,685	10,728,446	14,718,274	6,000,000	33,398,757	85,445,494		
EXPENDITURES													
	0	0	0	0	0	434,891	5,364,223	5,859,137	3,000,000	10,000,000	24,658,251	Future WASD Revenue Bonds	
	0	1,599,591	1,599,591	1,670,901	6,586,840	10,307,794	5,364,223	8,859,137	3,000,000	23,398,757	60,787,243	General Obligation Bonds	
TOTAL	0	1,599,591	1,599,591	1,670,901	6,586,840	10,742,685	10,728,446	14,718,274	6,000,000	33,398,757	85,445,494		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 4

1047. WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT

Commission District(s)

OSBM No. 968090

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.103002 S SUPPLEMENTAL ENVIRONMENT PROJECT (SEP)													
Commission District(s) 2													
Sub-Project Budget / Estimated	4,761,909												
REVENUES													
	0	0	0	560,799	0	0	0	0	0	0	0	560,799	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	881,681	0	0	0	0	0	0	881,681	Future WAST Revenue Bonds
	3,319,429	0	3,319,429	0	0	0	0	0	0	0	0	3,319,429	S Construction - 2013 Bonds
TOTAL	3,319,429	0	3,319,429	560,799	881,681	0	0	0	0	0	0	4,761,909	
EXPENDITURES													
	0	0	0	560,799	0	0	0	0	0	0	0	560,799	2016 Wastewater Revenue Bonds Sold
	0	0	0	0	881,681	0	0	0	0	0	0	881,681	Future WAST Revenue Bonds
	127,322	3,192,107	3,319,429	0	0	0	0	0	0	0	0	3,319,429	S Construction - 2013 Bonds
TOTAL	127,322	3,192,107	3,319,429	560,799	881,681	0	0	0	0	0	0	4,761,909	

Total Revenues:	10,570,869,137	466,018,601.8	441,327,919	907,346,521	262,557,083	463,017,948	454,983,603	434,287,682	449,471,141	440,848,491	7,158,356,669	10,570,869,138
Total Expenditures:		327,786,858	368,425,456	696,212,314	411,931,372	464,721,311	454,688,603	444,181,970	450,668,452	473,440,000	7,175,025,113	10,570,869,135

MULTI-YEAR CAPITAL PLAN WATER



Miami-Dade Water and Sewer Department

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

WATER PROJECTS

FUND LEGEND

FUND DESCRIPTION

2015 Water Revenue Bonds Sold
Construction - 2010 Bonds
Fire Hydrant Fund
Future Funding
Future WASD Revenue Bonds
General Obligation Bonds (GOB)
Miami Springs Water Construction Fund
Plant Expansion Fund - Water
Rock Mining Mitigation Fees
W Construction - 2013 Bonds
WASD Revenue Bonds Sold
WASD Water Commercial Paper - 2015
Water Construction Fund
Water Renewal & Replacement Fund
Water Special Construction Fund



Miami-Dade Water and Sewer Department
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
WATER PROJECTS - LEGEND

WASD PROJECT No.	OMB PROJECT No.	DESCRIPTION
1050	9650041	WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS
1051	9650031	WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION
1053	9654031	NORTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS
1054	9654041	CENTRAL MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS
1055	9650021	SOUTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS
1056	9651051	WATER MAINS EXTENSION
1059	9650271	WATER GENERAL MAINTENANCE AND OFFICE FACILITIES
1060	9653311	WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS
1063	9653461	WATER SYSTEM FIRE HYDRANT INSTALLATION
1064	9650141	WATER EQUIPMENT AND VEHICLES
1065	111111	GENERAL OBLIGATION BOND (GOB)
1066	9650161	WATER TREATMENT PLANTS REPLACEMENT AND RENOVATIONS
1067	9650181	WATER SYSTEM MAINTENANCE AND UPGRADES
1070	963110	AUTOMATION OF WATER TREATMENT PLANTS
1072	9610960	WATER TREATMENT PLANTS MISCELLANEOUS UPGRADES
1075	9654061	SAFE DRINKING WATER ACT MODIFICATIONS - SWT RULE AND D-DBP
1077	9652821	SOUTH MIAMI HEIGHTS WATER TREATMENT PLANT AND WELLFIELD
1078	9656780	WATER TELEMETERING SYSTEM ENHANCEMENTS
1080	966620	WATER TREATMENT PLANT - FLORIDAN REVERSE OSMOSIS
1081	965450	MIAMI SPRINGS CONSTRUCTION FUND - WATER
1082	967190	WATER - PIPES AND INFRASTRUCTURE PROJECTS
1084	2000000072	SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

SUMMARY EXHIBITS



**Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN**

WATER PROJECTS

**REVENUE SUMMARY (in Thousands of Dollars)
- All Projects**

Fund Description	Prior			Projections							Total
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	
WASD Revenue Bonds Sold	1,478	0	1,478	0	0	0	0	0	0	0	1,478
Water Renewal & Replacement Fund	100,799	35,361	136,160	29,728	34,500	34,500	34,500	34,500	34,500	34,500	372,888
Plant Expansion Fund - Water	14,488	11,209	25,697	8,822	3,590	0	0	0	0	0	38,108
State Revolving Loans - Water	1,413	3,039	4,451	4,426	7,309	3,000	2,500	1,160	0	0	22,846
Fire Hydrant Fund	34,978	2,000	36,978	3,500	3,500	3,500	3,500	3,500	3,500	3,500	61,478
General Obligation Bonds	10,836	2,723	13,559	3,639	3,461	2,811	2,981	647	160	602	27,860
Water Special Construction Fund	6,087	1,000	7,087	595	1,000	1,000	1,000	2,000	2,000	0	14,683
Future WASD Revenue Bonds	0	0	0	0	145,850	174,476	140,401	188,696	193,051	780,941	1,623,415
Water Construction Fund	344	0	344	0	0	0	0	0	0	0	344
Rock Mining Mitigation Fees	20,979	0	20,979	0	0	0	0	0	0	0	20,979
Construction - 2010 Bonds	27,466	0	27,466	0	0	0	0	0	0	0	27,466
Miami Springs Construction Fund	5,963	0	5,963	0	0	0	0	0	0	0	5,963
Future Funding	0	0	0	0	0	0	0	0	0	293,928	293,928
W Construction - 2013 Bonds	76,993	0	76,993	0	0	0	0	0	0	0	76,993
2016 Water Revenue Bonds Sold	0	0	0	67,007	0	0	0	0	0	0	67,007
WASD Water Commercial Paper - 2015	0	43,038	43,038	0	0	0	0	0	0	0	43,038
Total	301,822	98,370	400,192	117,717	199,210	219,288	184,882	230,503	233,211	1,113,471	2,698,473

Prepared by Capital Planning and Coordination Section

Renewal and Replacement Fund, and Plant Expansion Fund have not been projected



**Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN**

WATER PROJECTS

**EXPENDITURE SUMMARY (in Thousands of Dollars)
- All Projects**

Fund Description	Prior			Projections							
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total
WASD Revenue Bonds Sold	1,478	0	1,478	0	0	0	0	0	0	0	1,478
Water Renewal & Replacement Fund	67,838	53,120	120,958	44,931	34,500	34,500	34,500	34,500	34,500	34,500	372,888
Plant Expansion Fund - Water	1,650	7,559	9,210	19,878	9,020	0	0	0	0	0	38,108
State Revolving Loans - Water	1,413	3,039	4,451	4,426	7,309	3,000	2,500	1,160	0	0	22,846
Fire Hydrant Fund	32,884	3,370	36,254	3,500	3,500	3,500	3,500	3,500	3,500	4,224	61,478
General Obligation Bonds	10,836	2,723	13,559	3,639	3,461	2,811	2,981	647	160	602	27,860
Water Special Construction Fund	4,629	1,554	6,183	1,500	1,000	1,000	1,000	2,000	2,000	0	14,683
Future WASD Revenue Bonds	0	0	0	0	145,850	174,476	140,401	188,696	193,051	780,941	1,623,415
Water Construction Fund	344	0	344	0	0	0	0	0	0	0	344
Rock Mining Mitigation Fees	13,201	0	13,201	2,539	5,239	0	0	0	0	0	20,979
Construction - 2010 Bonds	27,466	0	27,466	0	0	0	0	0	0	0	27,466
Miami Springs Construction Fund	603	746	1,349	4,123	491	0	0	0	0	0	5,963
Future Funding	0	0	0	0	0	0	0	0	0	293,928	293,928
W Construction - 2013 Bonds	20,412	56,581	76,993	0	0	0	0	0	0	0	76,993
2016 Water Revenue Bonds Sold	0	0	0	67,007	0	0	0	0	0	0	67,007
WASD Water Commercial Paper - 2015	0	1,138	1,138	41,900	0	0	0	0	0	0	43,038
Total	182,751	129,830	312,581	193,444	210,369	219,288	184,882	230,503	233,211	1,114,195	2,698,473

Prepared by Capital Planning and Coordination Section

Renewal and Replacement Fund, and Plant Expansion Fund have not been projected

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



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
79,978,060													
REVENUES													
	0	0	0	10,800,960	0	0	0	0	0	0	0	10,800,960	2016 Water Revenue Bonds Sold
	0	0	0	0	2,990,949	4,373,370	5,171,567	744,360	12,400,829	30,282,747	55,963,822	Future WAsD Revenue Bonds	
	12,075,748	0	12,075,748	0	0	0	0	0	0	0	12,075,748	W Construction - 2013 Bonds	
	0	1,137,530	1,137,530	0	0	0	0	0	0	0	1,137,530	WAsD Water Commercial Paper - 2015	
TOTAL	12,075,748	1,137,530	13,213,278	10,800,960	2,990,949	4,373,370	5,171,567	744,360	12,400,829	30,282,747	79,978,060		
EXPENDITURES													
	0	0	0	10,800,960	0	0	0	0	0	0	0	10,800,960	2016 Water Revenue Bonds Sold
	0	0	0	0	2,990,949	4,373,370	5,171,567	744,360	12,400,829	30,282,747	55,963,822	Future WAsD Revenue Bonds	
	149,258	11,926,491	12,075,749	0	0	0	0	0	0	0	12,075,749	W Construction - 2013 Bonds	
	0	1,137,530	1,137,530	0	0	0	0	0	0	0	1,137,530	WAsD Water Commercial Paper - 2015	
TOTAL	149,258	13,064,021	13,213,279	10,800,960	2,990,949	4,373,370	5,171,567	744,360	12,400,829	30,282,747	79,978,061		



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
153,967,973													
REVENUES													
	0	0	0	17,605,770	0	0	0	0	0	0	0	17,605,770	2016 Water Revenue Bonds Sold
	1,534,815	0	1,534,815	0	0	0	0	0	0	0	0	1,534,815	Construction - 2010 Bonds
	0	0	0	0	17,437,627	40,306,076	31,213,617	20,495,555	12,953,505	4,796,495	127,202,875	Future WASD Revenue Bonds	
	7,624,513	0	7,624,513	0	0	0	0	0	0	0	7,624,513	W Construction - 2013 Bonds	
TOTAL	9,159,328	0	9,159,328	17,605,770	17,437,627	40,306,076	31,213,617	20,495,555	12,953,505	4,796,495	153,967,973		
EXPENDITURES													
	0	0	0	17,605,770	0	0	0	0	0	0	0	17,605,770	2016 Water Revenue Bonds Sold
	1,534,814	0	1,534,814	0	0	0	0	0	0	0	0	1,534,814	Construction - 2010 Bonds
	0	0	0	0	17,437,627	40,306,076	31,213,617	20,495,555	12,953,505	4,796,495	127,202,875	Future WASD Revenue Bonds	
	105,825	7,518,688	7,624,513	0	0	0	0	0	0	0	7,624,513	W Construction - 2013 Bonds	
TOTAL	1,640,640	7,518,688	9,159,328	17,605,770	17,437,627	40,306,076	31,213,617	20,495,555	12,953,505	4,796,495	153,967,973		



Miami-Dade Water and Sewer Department
 2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
16,143,610														
REVENUES														
	0	0	0	1,723,550	0	0	0	0	0	0	0	1,723,550	2016 Water Revenue Bonds Sold	
	0	0	0	0	1,706,511	9,839,788	47,697	0	0	0	0	11,593,996	Future WASD Revenue Bonds	
	2,826,064	0	2,826,064	0	0	0	0	0	0	0	0	2,826,064	W Construction - 2013 Bonds	
TOTAL	2,826,064	0	2,826,064	1,723,550	1,706,511	9,839,788	47,697	0	0	0	0	16,143,610		
EXPENDITURES														
	0	0	0	1,723,550	0	0	0	0	0	0	0	1,723,550	2016 Water Revenue Bonds Sold	
	0	0	0	0	1,706,511	9,839,788	47,697	0	0	0	0	11,593,996	Future WASD Revenue Bonds	
	0	2,826,064	2,826,064	0	0	0	0	0	0	0	0	2,826,064	W Construction - 2013 Bonds	
TOTAL	0	2,826,064	2,826,064	1,723,550	1,706,511	9,839,788	47,697	0	0	0	0	16,143,610		



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
66,759,289													
REVENUES													
	0	0	0	698,349	0	0	0	0	0	0	0	698,349	2016 Water Revenue Bonds Sold
	0	0	0	0	3,186,303	2,735,357	20,355,888	19,686,157	5,582,275	14,514,960	66,060,940	Future WASH Revenue Bonds	
TOTAL	0	0	0	698,349	3,186,303	2,735,357	20,355,888	19,686,157	5,582,275	14,514,960	66,759,289		
EXPENDITURES													
	0	0	0	698,349	0	0	0	0	0	0	0	698,349	2016 Water Revenue Bonds Sold
	0	0	0	0	3,186,303	2,735,357	20,355,888	19,686,157	5,582,275	14,514,960	66,060,940	Future WASH Revenue Bonds	
TOTAL	0	0	0	698,349	3,186,303	2,735,357	20,355,888	19,686,157	5,582,275	14,514,960	66,759,289		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1055. SOUTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMETNS

Commission District(s) Systemwide

OSBM No. 9650021

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
18,850,834													
REVENUES													
	0	0	0	258,497	0	0	0	0	0	0	0	258,497	2016 Water Revenue Bonds Sold
	0	0	0	0	751,496	4,781,562	851,346	2,492,133	8,738,424	977,376	18,592,337	18,592,337	Future WASD Revenue Bonds
TOTAL	0	0	0	258,497	751,496	4,781,562	851,346	2,492,133	8,738,424	977,376	18,850,834		
EXPENDITURES													
	0	0	0	258,497	0	0	0	0	0	0	0	258,497	2016 Water Revenue Bonds Sold
	0	0	0	0	751,496	4,781,562	851,346	2,492,133	8,738,424	977,376	18,592,337	18,592,337	Future WASD Revenue Bonds
TOTAL	0	0	0	258,497	751,496	4,781,562	851,346	2,492,133	8,738,424	977,376	18,850,834		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1056. WATER MAINS EXTENSION

Commission District(s) Systemwide

OSBM No. 9651051

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
14,682,502													
REVENUES													
	6,087,397	1,000,000	7,087,397	595,105	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000		0	14,682,502	Water Special Construction Fund
TOTAL	6,087,397	1,000,000	7,087,397	595,105	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000		0	14,682,502	
EXPENDITURES													
	4,628,538	1,553,964	6,182,502	1,500,000	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000		0	14,682,502	Water Special Construction Fund
TOTAL	4,628,538	1,553,964	6,182,502	1,500,000	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000		0	14,682,502	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
56,832,964													
REVENUES													
	0	0	0	8,519,831	0	0	0	0	0	0	0	8,519,831	2016 Water Revenue Bonds Sold
	0	0	0	0	11,759,386	11,191,959	5,637,566	18,039,931	349,582	0	0	46,978,424	Future WASD Revenue Bonds
	1,334,709	0	1,334,709	0	0	0	0	0	0	0	0	1,334,709	W Construction - 2013 Bonds
TOTAL	1,334,709	0	1,334,709	8,519,831	11,759,386	11,191,959	5,637,566	18,039,931	349,582	0	0	56,832,964	
EXPENDITURES													
	0	0	0	8,519,831	0	0	0	0	0	0	0	8,519,831	2016 Water Revenue Bonds Sold
	0	0	0	0	11,759,386	11,191,959	5,637,566	18,039,931	349,582	0	0	46,978,424	Future WASD Revenue Bonds
	246,548	1,088,161	1,334,709	0	0	0	0	0	0	0	0	1,334,709	W Construction - 2013 Bonds
TOTAL	246,548	1,088,161	1,334,709	8,519,831	11,759,386	11,191,959	5,637,566	18,039,931	349,582	0	0	56,832,964	



Miami-Dade Water and Sewer Department
2016 - 2022 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							Future	Total	Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
283,971,867														
REVENUES														
	0	0	0	11,829,750	0	0	0	0	0	0	0	11,829,750	2016 Water Revenue Bonds Sold	
	3,908,315	0	3,908,315	0	0	0	0	0	0	0	0	3,908,315	Construction - 2010 Bonds	
	0	0	0	0	57,908,996	22,866,663	9,465,814	10,000,000	12,500,000		32,080,227	144,821,700	Future WASD Revenue Bonds	
	12,403,102	10,203,518	22,606,620	5,521,549	3,589,961	0	0	0	0	0	0	31,718,130	Plant Expansion Fund - Water	
	19,707,730	0	19,707,730	0	0	0	0	0	0	0	0	19,707,730	W Construction - 2013 Bonds	
	1,477,596	0	1,477,596	0	0	0	0	0	0	0	0	1,477,596	WASD Revenue Bonds Sold	
	0	16,942,708	16,942,708	0	0	0	0	0	0	0	0	16,942,708	WASD Water Commercial Paper - 2015	
	32,565,938	0	32,565,938	0	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000		3,500,000	53,565,938	Water Renewal & Replacement Fund	
TOTAL	70,062,681	27,146,226	97,208,907	17,351,299	64,998,957	26,366,663	12,965,814	13,500,000	16,000,000		35,580,227	283,971,867		



Miami-Dade Water and Sewer Department
2016 - 2022 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							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
EXPENDITURES													
	0	0	0	11,829,750	0	0	0	0	0	0	0	11,829,750	2016 Water Revenue Bonds Sold
	3,908,315	0	3,908,315	0	0	0	0	0	0	0	0	3,908,315	Construction - 2010 Bonds
	0	0	0	0	57,908,996	22,866,663	9,465,814	10,000,000	12,500,000		32,080,227	144,821,700	Future WASD Revenue Bonds
	265,490	6,553,758	6,819,248	15,878,476	9,020,406	0	0	0	0	0	0	31,718,130	Plant Expansion Fund - Water
	14,149,418	5,558,312	19,707,730	0	0	0	0	0	0	0	0	19,707,730	W Construction - 2013 Bonds
	1,477,596	0	1,477,596	0	0	0	0	0	0	0	0	1,477,596	WASD Revenue Bonds Sold
	0	0	0	16,942,708	0	0	0	0	0	0	0	16,942,708	WASD Water Commercial Paper - 2015
	27,397,211	1,868,269	29,265,480	3,300,458	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000		3,500,000	53,565,938	Water Renewal & Replacement Fund
TOTAL	47,198,030	13,980,339	61,178,369	47,951,392	70,429,402	26,366,663	12,965,814	13,500,000	16,000,000		35,580,227	283,971,867	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
61,477,784													
REVENUES													
	34,977,784	2,000,000	36,977,784	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	61,477,784	Fire Hydrant Fund
TOTAL	34,977,784	2,000,000	36,977,784	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	61,477,784	
EXPENDITURES													
	32,883,647	3,370,000	36,253,647	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	4,224,137	61,477,784	Fire Hydrant Fund
TOTAL	32,883,647	3,370,000	36,253,647	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	4,224,137	61,477,784	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
329,501,533													
REVENUES													
	52,426	0	52,426	0	0	0	0	0	0	0	0	52,426	Construction - 2010 Bonds
	0	0	0	0	750,000	1,850,000	3,362,863	7,842,361	12,712,833	223,083,920	249,601,977	Future WASH Revenue Bonds	
	28,907,581	13,897,517	42,805,098	5,842,032	5,200,000	5,200,000	5,200,000	5,200,000	5,200,000	5,200,000	79,847,130	Water Renewal & Replacement Fund	
TOTAL	28,960,007	13,897,517	42,857,524	5,842,032	5,950,000	7,050,000	8,562,863	13,042,361	17,912,833	228,283,920	329,501,533		
EXPENDITURES													
	52,426	0	52,426	0	0	0	0	0	0	0	0	52,426	Construction - 2010 Bonds
	0	0	0	0	750,000	1,850,000	3,362,863	7,842,361	12,712,833	223,083,920	249,601,977	Future WASH Revenue Bonds	
	15,595,501	20,055,552	35,651,053	12,996,077	5,200,000	5,200,000	5,200,000	5,200,000	5,200,000	5,200,000	79,847,130	Water Renewal & Replacement Fund	
TOTAL	15,647,927	20,055,552	35,703,479	12,996,077	5,950,000	7,050,000	8,562,863	13,042,361	17,912,833	228,283,920	329,501,533		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1065. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 111111

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
27,860,306													
REVENUES													
	10,835,762	2,723,021	13,558,783	3,639,001	3,460,893	2,811,476	2,980,556	647,339	160,000	602,258	27,860,306	General Obligation Bonds	
TOTAL	10,835,762	2,723,021	13,558,783	3,639,001	3,460,893	2,811,476	2,980,556	647,339	160,000	602,258	27,860,306		
EXPENDITURES													
	10,835,762	2,723,021	13,558,783	3,639,001	3,460,893	2,811,476	2,980,556	647,339	160,000	602,258	27,860,306	General Obligation Bonds	
TOTAL	10,835,762	2,723,021	13,558,783	3,639,001	3,460,893	2,811,476	2,980,556	647,339	160,000	602,258	27,860,306		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
45,844,814													
REVENUES													
	0	0	0	5,500,000	0	0	0	0	0	0	0	5,500,000	2016 Water Revenue Bonds Sold
	336,650	0	336,650	0	0	0	0	0	0	0	0	336,650	Construction - 2010 Bonds
	0	0	0	0	4,045,104	5,515,978	0	0	0	0	0	9,561,082	Future WASD Revenue Bonds
	2,752,823	0	2,752,823	0	0	0	0	0	0	0	0	2,752,823	W Construction - 2013 Bonds
	10,596,634	2,097,625	12,694,259	0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	27,694,259	Water Renewal & Replacement Fund
TOTAL	13,686,107	2,097,625	15,783,732	5,500,000	6,545,104	8,015,978	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	45,844,814	
EXPENDITURES													
	0	0	0	5,500,000	0	0	0	0	0	0	0	5,500,000	2016 Water Revenue Bonds Sold
	336,650	0	336,650	0	0	0	0	0	0	0	0	336,650	Construction - 2010 Bonds
	0	0	0	0	4,045,104	5,515,978	0	0	0	0	0	9,561,082	Future WASD Revenue Bonds
	2,823	2,750,000	2,752,823	0	0	0	0	0	0	0	0	2,752,823	W Construction - 2013 Bonds
	4,031,759	6,480,000	10,511,759	2,182,500	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	27,694,259	Water Renewal & Replacement Fund
TOTAL	4,371,233	9,230,000	13,601,233	7,682,500	6,545,104	8,015,978	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	45,844,815	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WATER PROJECTS
1067. WATER SYSTEM MAINTENANCE AND UPGRADES
Commission District(s) Systemwide
OSBM No. 9650181

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
146,174,597													
REVENUES													
	5,899,917	0	5,899,917	0	0	0	0	0	0	0	0	5,899,917	Construction - 2010 Bonds
	693,318	0	693,318	0	0	0	0	0	0	0	0	693,318	W Construction - 2013 Bonds
	15,690,283	18,004,858	33,695,141	15,886,221	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	139,581,362	Water Renewal & Replacement Fund
TOTAL	22,283,518	18,004,858	40,288,376	15,886,221	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	146,174,597	
EXPENDITURES													
	5,899,917	0	5,899,917	0	0	0	0	0	0	0	0	5,899,917	Construction - 2010 Bonds
	0	693,318	693,318	0	0	0	0	0	0	0	0	693,318	W Construction - 2013 Bonds
	13,806,004	18,004,858	31,810,862	17,770,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	139,581,362	Water Renewal & Replacement Fund
TOTAL	19,705,921	18,698,176	38,404,097	17,770,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	146,174,597	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WATER PROJECTS
1070. AUTOMATION OF WATER TREATMENT PLANTS
Commission District(s) Systemwide
OSBM No. 963110

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
2,246,784													
REVENUES													
	0	0	0	330,340	0	0	0	0	0	0	0	330,340	2016 Water Revenue Bonds Sold
	1,916,444	0	1,916,444	0	0	0	0	0	0	0	0	1,916,444	W Construction - 2013 Bonds
TOTAL	1,916,444	0	1,916,444	330,340	0	0	0	0	0	0	0	2,246,784	
EXPENDITURES													
	0	0	0	330,340	0	0	0	0	0	0	0	330,340	2016 Water Revenue Bonds Sold
	0	1,916,444	1,916,444	0	0	0	0	0	0	0	0	1,916,444	W Construction - 2013 Bonds
TOTAL	0	1,916,444	1,916,444	330,340	0	0	0	0	0	0	0	2,246,784	



Miami-Dade Water and Sewer Department
 2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1072. WATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9610960

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
21,638,737														
REVENUES														
	0	0	0	2,500,000	0	0	0	0	0	0	0	2,500,000	2016 Water Revenue Bonds Sold	
	0	0	0	0	8,032,179	7,366,591	126,627	0	0	0	0	15,525,397	Future WASD Revenue Bonds	
	2,934,115	0	2,934,115	0	0	0	0	0	0	0	0	2,934,115	W Construction - 2013 Bonds	
	344,111	0	344,111	0	0	0	0	0	0	0	0	344,111	Water Construction Fund	
	335,114	0	335,114	0	0	0	0	0	0	0	0	335,114	Water Renewal & Replacement Fund	
TOTAL	3,613,340	0	3,613,340	2,500,000	8,032,179	7,366,591	126,627	0	0	0	0	21,638,737		
EXPENDITURES														
	0	0	0	2,500,000	0	0	0	0	0	0	0	2,500,000	2016 Water Revenue Bonds Sold	
	0	0	0	0	8,032,179	7,366,591	126,627	0	0	0	0	15,525,397	Future WASD Revenue Bonds	
	1,512,479	1,421,637	2,934,116	0	0	0	0	0	0	0	0	2,934,116	W Construction - 2013 Bonds	
	344,111	0	344,111	0	0	0	0	0	0	0	0	344,111	Water Construction Fund	
	335,114	0	335,114	0	0	0	0	0	0	0	0	335,114	Water Renewal & Replacement Fund	
TOTAL	2,191,704	1,421,637	3,613,341	2,500,000	8,032,179	7,366,591	126,627	0	0	0	0	21,638,738		



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
516,530,529													
REVENUES													
	0	0	0	610,154	0	0	0	0	0	0	0	610,154	2016 Water Revenue Bonds Sold
	0	0	0	0	2,691,680	17,364,289	33,066,085	76,454,440	61,271,024	303,017,628	493,865,146	Future WASD Revenue Bonds	
	20,978,788	0	20,978,788	0	0	0	0	0	0	0	20,978,788	Rock Mining Mitigation Fees	
	1,076,441	0	1,076,441	0	0	0	0	0	0	0	1,076,441	Water Renewal & Replacement Fund	
TOTAL	22,055,229	0	22,055,229	610,154	2,691,680	17,364,289	33,066,085	76,454,440	61,271,024	303,017,628	516,530,529		
EXPENDITURES													
	0	0	0	610,154	0	0	0	0	0	0	0	610,154	2016 Water Revenue Bonds Sold
	0	0	0	0	2,691,680	17,364,289	33,066,085	76,454,440	61,271,024	303,017,628	493,865,146	Future WASD Revenue Bonds	
	13,200,885	0	13,200,885	2,539,370	5,238,533	0	0	0	0	0	20,978,788	Rock Mining Mitigation Fees	
	375,453	700,988	1,076,441	0	0	0	0	0	0	0	1,076,441	Water Renewal & Replacement Fund	
TOTAL	13,576,337	700,988	14,277,325	3,149,524	7,930,213	17,364,289	33,066,085	76,454,440	61,271,024	303,017,628	516,530,528		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
279,045,288														
REVENUES														
	0	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000	2016 Water Revenue Bonds Sold	
	0	0	0	0	5,926,141	6,032,757	11,211,427	21,370,990	54,542,689	144,455,504	243,539,508	Future WASD Revenue Bonds		
	15,257,062	0	15,257,062	0	0	0	0	0	0	0	15,257,062	W Construction - 2013 Bonds		
	0	18,748,718	18,748,718	0	0	0	0	0	0	0	18,748,718	WASD Water Commercial Paper - 2015		
TOTAL	15,257,062	18,748,718	34,005,780	1,500,000	5,926,141	6,032,757	11,211,427	21,370,990	54,542,689	144,455,504	279,045,288			
EXPENDITURES														
	0	0	0	1,500,000	0	0	0	0	0	0	1,500,000	2016 Water Revenue Bonds Sold		
	0	0	0	0	5,926,141	6,032,757	11,211,427	21,370,990	54,542,689	144,455,504	243,539,508	Future WASD Revenue Bonds		
	29,648	15,227,414	15,257,062	0	0	0	0	0	0	0	15,257,062	W Construction - 2013 Bonds		
	0	0	0	18,748,718	0	0	0	0	0	0	18,748,718	WASD Water Commercial Paper - 2015		
TOTAL	29,648	15,227,414	15,257,062	20,248,718	5,926,141	6,032,757	11,211,427	21,370,990	54,542,689	144,455,504	279,045,288			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
3,223,655													
REVENUES													
	1,423,655	0	1,423,655	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,223,655	Water Renewal & Replacement Fund
TOTAL	1,423,655	0	1,423,655	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,223,655	
EXPENDITURES													
	332,657	410,000	742,657	680,998	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,223,655	Water Renewal & Replacement Fund
TOTAL	332,657	410,000	742,657	680,998	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,223,655	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
6,390,314													
REVENUES													
	2,084,593	1,005,721	3,090,314	3,300,000	0	0	0	0	0	0	0	6,390,314	Plant Expansion Fund - Water
TOTAL	2,084,593	1,005,721	3,090,314	3,300,000	0	0	0	0	0	0	0	6,390,314	
EXPENDITURES													
	1,384,593	1,005,721	2,390,314	4,000,000	0	0	0	0	0	0	0	6,390,314	Plant Expansion Fund - Water
TOTAL	1,384,593	1,005,721	2,390,314	4,000,000	0	0	0	0	0	0	0	6,390,314	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN
WATER PROJECTS
1081. MIAMI SPRINGS CONSTRUCTION FUND - WATER
Commission District(s) 6
OSBM No. 965450

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
5,962,941														
REVENUES														
	5,962,941	0	5,962,941	0	0	0	0	0	0	0	0	5,962,941	Miami Springs Construction Fund	
TOTAL	5,962,941	0	5,962,941	0	0	0	0	0	0	0	0	5,962,941		
EXPENDITURES														
	602,944	746,161	1,349,105	4,123,304	490,532	0	0	0	0	0	0	5,962,941	Miami Springs Construction Fund	
TOTAL	602,944	746,161	1,349,105	4,123,304	490,532	0	0	0	0	0	0	5,962,941		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
101,328,665													
REVENUES													
	0	0	0	1,751,856	0	0	0	0	0	0	0	1,751,856	2016 Water Revenue Bonds Sold
	14,875,793	0	14,875,793	0	0	0	0	0	0	0	0	14,875,793	Construction - 2010 Bonds
	0	0	0	0	6,047,250	11,156,877	0	0	0	0	0	17,204,127	Future WASD Revenue Bonds
	534,395	0	534,395	0	0	0	0	0	0	0	0	534,395	W Construction - 2013 Bonds
	9,601,774	1,360,720	10,962,494	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	66,962,494	Water Renewal & Replacement Fund
TOTAL	25,011,962	1,360,720	26,372,682	9,751,856	14,047,250	19,156,877	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	101,328,665	
EXPENDITURES													
	0	0	0	1,751,856	0	0	0	0	0	0	0	1,751,856	2016 Water Revenue Bonds Sold
	14,875,793	0	14,875,793	0	0	0	0	0	0	0	0	14,875,793	Construction - 2010 Bonds
	0	0	0	0	6,047,250	11,156,877	0	0	0	0	0	17,204,127	Future WASD Revenue Bonds
	5,504	528,891	534,395	0	0	0	0	0	0	0	0	534,395	W Construction - 2013 Bonds
	5,962,494	5,000,000	10,962,494	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	66,962,494	Water Renewal & Replacement Fund
TOTAL	20,843,791	5,528,891	26,372,682	9,751,856	14,047,250	19,156,877	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	101,328,665	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
460,059,935													
REVENUES													
	0	0	0	3,378,140	0	0	0	0	0	0	0	3,378,140	2016 Water Revenue Bonds Sold
	857,747	0	857,747	0	0	0	0	0	0	0	0	857,747	Construction - 2010 Bonds
	0	0	0	0	0	0	0	0	0	0	293,927,509	293,927,509	Future Funding
	0	0	0	0	22,615,998	29,094,810	19,890,975	11,569,899	11,999,906		27,732,056	122,903,644	Future WASD Revenue Bonds
	1,412,502	3,038,810	4,451,312	4,425,960	7,309,061	3,000,000	2,500,000	1,159,667	0	0	0	22,846,000	State Revolving Loans - Water
	9,336,107	0	9,336,107	0	0	0	0	0	0	0	0	9,336,107	W Construction - 2013 Bonds
	0	6,209,042	6,209,042	0	0	0	0	0	0	0	0	6,209,042	WASD Water Commercial Paper - 2015
	601,746	0	601,746	0	0	0	0	0	0	0	0	601,746	Water Renewal & Replacement Fund
TOTAL	12,208,102	9,247,852	21,455,954	7,804,100	29,925,059	32,094,810	22,390,975	12,729,566	11,999,906		321,659,565	460,059,935	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
EXPENDITURES													
	0	0	0	3,378,140	0	0	0	0	0	0	0	3,378,140	2016 Water Revenue Bonds Sold
	857,747	0	857,747	0	0	0	0	0	0	0	0	857,747	Construction - 2010 Bonds
	0	0	0	0	0	0	0	0	0	0	293,927,509	293,927,509	Future Funding
	0	0	0	0	22,615,998	29,094,810	19,890,975	11,569,899	11,999,906	0	27,732,056	122,903,644	Future WASD Revenue Bonds
	1,412,502	3,038,810	4,451,312	4,425,960	7,309,061	3,000,000	2,500,000	1,159,667	0	0	0	22,846,000	State Revolving Loans - Water
	4,210,285	5,125,822	9,336,107	0	0	0	0	0	0	0	0	9,336,107	W Construction - 2013 Bonds
	0	0	0	6,209,042	0	0	0	0	0	0	0	6,209,042	WASD Water Commercial Paper - 2015
	1,746	600,000	601,746	0	0	0	0	0	0	0	0	601,746	Water Renewal & Replacement Fund
TOTAL	6,482,281	8,764,632	15,246,913	14,013,142	29,925,059	32,094,810	22,390,975	12,729,566	11,999,906	0	321,659,565	460,059,936	

Total Revenues:	2,698,472,981	301,822,433	98,369,788	400,192,221	117,717,065	199,209,535	219,287,553	184,882,028	230,502,832	233,211,067	1,113,470,680	2,698,472,981
Total Expenditures:		182,751,459	129,829,874	312,581,333	193,444,309	210,369,045	219,287,553	184,882,028	230,502,832	233,211,067	1,114,194,817	2,698,472,984

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



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	79,978,060												
REVENUES													
		0	0	0	10,800,960	0	0	0	0	0	0	10,800,960	2016 Water Revenue Bonds Sold
		0	0	0	0	2,990,949	4,373,370	5,171,567	744,360	12,400,829	30,282,747	55,963,822	Future WASD Revenue Bonds
		12,075,748	0	12,075,748	0	0	0	0	0	0	0	12,075,748	W Construction - 2013 Bonds
		0	1,137,530	1,137,530	0	0	0	0	0	0	0	1,137,530	WASD Water Commercial Paper - 2015
TOTAL		12,075,748.0	1,137,530	13,213,278	10,800,960.0	2,990,949	4,373,370	5,171,567	744,360	12,400,829	30,282,747	79,978,060	
EXPENDITURES													
		0	0	0	10,800,960	0	0	0	0	0	0	10,800,960	2016 Water Revenue Bonds Sold
		0	0	0	0	2,990,949	4,373,370	5,171,567	744,360	12,400,829	30,282,747	55,963,822	Future WASD Revenue Bonds
		149,258	11,926,491	12,075,749	0	0	0	0	0	0	0	12,075,749	W Construction - 2013 Bonds
		0	1,137,530	1,137,530	0	0	0	0	0	0	0	1,137,530	WASD Water Commercial Paper - 2015
TOTAL		149,257.6	13,064,021	13,213,279	10,800,960.0	2,990,949	4,373,370	5,171,567	744,360	12,400,829	30,282,747	79,978,061	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) **6**

OSBM No. **9650041**

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.101504 W PRESTON WTP - NEW PUMP STATION EAST OF RESERVOIR

Commission District(s) **6**

Sub-Project Budget / Estimated **43,700,000**

REVENUES

	0	0	0	0	0	2,528,437	2,993,627	744,360	10,940,204	26,493,372	43,700,000	Future WASD Revenue Bonds
--	---	---	---	---	---	-----------	-----------	---------	------------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	2,528,437	2,993,627	744,360	10,940,204	26,493,372	43,700,000	
--------------	----------	----------	----------	----------	----------	------------------	------------------	----------------	-------------------	-------------------	-------------------	--

EXPENDITURES

	0	0	0	0	0	2,528,437	2,993,627	744,360	10,940,204	26,493,372	43,700,000	Future WASD Revenue Bonds
--	---	---	---	---	---	-----------	-----------	---------	------------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	2,528,437	2,993,627	744,360	10,940,204	26,493,372	43,700,000	
--------------	----------	----------	----------	----------	----------	------------------	------------------	----------------	-------------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.101711 W HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES

Commission District(s) 6

Sub-Project Budget / Estimated 1,158,148

REVENUES

	0	0	0	315,680	0	0	0	0	0	0	0	315,680	2016 Water Revenue Bonds Sold
	0	0	0	0	60,155	20,527	0	0	0	0	0	80,682	Future WASD Revenue Bonds
	761,786	0	761,786	0	0	0	0	0	0	0	0	761,786	W Construction - 2013 Bonds
TOTAL	761,786	0	761,786	315,680	60,155	20,527	0	0	0	0	0	1,158,148	

EXPENDITURES

	0	0	0	315,680	0	0	0	0	0	0	0	315,680	2016 Water Revenue Bonds Sold
	0	0	0	0	60,155	20,527	0	0	0	0	0	80,682	Future WASD Revenue Bonds
	66,965	694,821	761,786	0	0	0	0	0	0	0	0	761,786	W Construction - 2013 Bonds
TOTAL	66,965	694,821	761,786	315,680	60,155	20,527	0	0	0	0	0	1,158,148	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101884 W REHABILITATION PRESTON PLANT ACCELATORS													
Commission District(s) 6,7													
Sub-Project Budget / Estimated	4,500,000												
REVENUES													
	0	0	0	2,500,000	0	0	0	0	0	0	0	2,500,000	2016 Water Revenue Bonds Sold
	862,470	0	862,470	0	0	0	0	0	0	0	0	862,470	W Construction - 2013 Bonds
	0	1,137,530	1,137,530	0	0	0	0	0	0	0	0	1,137,530	WASD Water Commercial Paper - 2015
TOTAL	862,470	1,137,530	2,000,000	2,500,000	0	0	0	0	0	0	0	4,500,000	
EXPENDITURES													
	0	0	0	2,500,000	0	0	0	0	0	0	0	2,500,000	2016 Water Revenue Bonds Sold
	0	862,470	862,470	0	0	0	0	0	0	0	0	862,470	W Construction - 2013 Bonds
	0	1,137,530	1,137,530	0	0	0	0	0	0	0	0	1,137,530	WASD Water Commercial Paper - 2015
TOTAL	0	2,000,000	2,000,000	2,500,000	0	0	0	0	0	0	0	4,500,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) **6**

OSBM No. **9650041**

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	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	0	0	293,210	528,850	2,177,940	0	0	0	3,000,000	Future WASD Revenue Bonds
---	---	---	---	---	---------	---------	-----------	---	---	---	-----------	---------------------------

TOTAL	0	0	0	0	293,210	528,850	2,177,940	0	0	0	3,000,000	
--------------	----------	----------	----------	----------	----------------	----------------	------------------	----------	----------	----------	------------------	--

EXPENDITURES

0	0	0	0	0	293,210	528,850	2,177,940	0	0	0	3,000,000	Future WASD Revenue Bonds
---	---	---	---	---	---------	---------	-----------	---	---	---	-----------	---------------------------

TOTAL	0	0	0	0	293,210	528,850	2,177,940	0	0	0	3,000,000	
--------------	----------	----------	----------	----------	----------------	----------------	------------------	----------	----------	----------	------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102106 W HYPOCHLORITE FEED/STORAGE AT PRESTON/HIALEAH WTP													
Commission District(s) 6													
Sub-Project Budget / Estimated	6,800,000												
REVENUES													
	0	0	0	5,279,297	0	0	0	0	0	0	0	5,279,297	2016 Water Revenue Bonds Sold
	0	0	0	0	933,140	0	0	0	0	0	0	933,140	Future WASD Revenue Bonds
	587,563	0	587,563	0	0	0	0	0	0	0	0	587,563	W Construction - 2013 Bonds
TOTAL	587,563	0	587,563	5,279,297	933,140	0	0	0	0	0	0	6,800,000	
EXPENDITURES													
	0	0	0	5,279,297	0	0	0	0	0	0	0	5,279,297	2016 Water Revenue Bonds Sold
	0	0	0	0	933,140	0	0	0	0	0	0	933,140	Future WASD Revenue Bonds
	82,292	505,271	587,563	0	0	0	0	0	0	0	0	587,563	W Construction - 2013 Bonds
TOTAL	82,292	505,271	587,563	5,279,297	933,140	0	0	0	0	0	0	6,800,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102127 W REPLACEMENT/UPGRADE OF LIME FEED SYSTEM													
Commission District(s) 6													
Sub-Project Budget / Estimated	4,967,243												
REVENUES													
	0	0	0	370,783	0	0	0	0	0	0	0	370,783	2016 Water Revenue Bonds Sold
	0	0	0	0	1,704,444	1,295,556	0	0	0	0	0	3,000,000	Future WASD Revenue Bonds
	1,596,460	0	1,596,460	0	0	0	0	0	0	0	0	1,596,460	W Construction - 2013 Bonds
TOTAL	1,596,460	0	1,596,460	370,783	1,704,444	1,295,556	0	0	0	0	0	4,967,243	
EXPENDITURES													
	0	0	0	370,783	0	0	0	0	0	0	0	370,783	2016 Water Revenue Bonds Sold
	0	0	0	0	1,704,444	1,295,556	0	0	0	0	0	3,000,000	Future WASD Revenue Bonds
	0	1,596,460	1,596,460	0	0	0	0	0	0	0	0	1,596,460	W Construction - 2013 Bonds
TOTAL	0	1,596,460	1,596,460	370,783	1,704,444	1,295,556	0	0	0	0	0	4,967,243	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102134 W PURCHASE OF LAKE PROPERTY ADJACENT TO NORTHWEST WELLFIELD

Commission District(s) 12

Sub-Project Budget / Estimated **10,602,669**

REVENUES

	0	0	0	2,335,200	0	0	0	0	0	0	0	2,335,200	2016 Water Revenue Bonds Sold
	8,267,469	0	8,267,469	0	0	0	0	0	0	0	0	8,267,469	W Construction - 2013 Bonds
TOTAL	8,267,469	0	8,267,469	2,335,200	0	0	0	0	0	0	0	10,602,669	

EXPENDITURES

	0	0	0	2,335,200	0	0	0	0	0	0	0	2,335,200	2016 Water Revenue Bonds Sold
	0	8,267,469	8,267,469	0	0	0	0	0	0	0	0	8,267,469	W Construction - 2013 Bonds
TOTAL	0	8,267,469	8,267,469	2,335,200	0	0	0	0	0	0	0	10,602,669	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102170 W HIALEAH/PRESTON WTP FEEDERS/MOTOR CONTROL CENTER

Commission District(s) **6**

Sub-Project Budget / Estimated **750,000**

REVENUES

	0	0	0	0	0	0	0	0	0	285,417	464,583	750,000	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---	---	---------	---------	---------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	0	285,417	464,583	750,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	----------------	----------------	--

EXPENDITURES

	0	0	0	0	0	0	0	0	0	285,417	464,583	750,000	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---	---	---------	---------	---------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	0	285,417	464,583	750,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	----------------	----------------	--

.102171 W HIALEAH/PRESTON WTP TRANSFORMER

Commission District(s) **6**

Sub-Project Budget / Estimated **1,500,000**

REVENUES

	0	0	0	0	0	0	0	0	0	489,208	1,010,792	1,500,000	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---	---	---------	-----------	-----------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	0	489,208	1,010,792	1,500,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	--

EXPENDITURES

	0	0	0	0	0	0	0	0	0	489,208	1,010,792	1,500,000	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---	---	---------	-----------	-----------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	0	489,208	1,010,792	1,500,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) **6**

OSBM No. **9650041**

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102173 W PRESTON WTP HS PUMP ROOM SWITCHGEAR

Commission District(s) **6**

Sub-Project Budget / Estimated **3,000,000**

REVENUES

0	0	0	0	0	0	0	0	0	686,000	2,314,000	3,000,000	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---	---	---------	-----------	-----------	---------------------------

TOTAL

0	0	0	0	0	0	0	0	0	686,000	2,314,000	3,000,000	
----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	--

EXPENDITURES

0	0	0	0	0	0	0	0	0	686,000	2,314,000	3,000,000	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---	---	---------	-----------	-----------	---------------------------

TOTAL

0	0	0	0	0	0	0	0	0	686,000	2,314,000	3,000,000	
----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	153,967,973												
REVENUES													
		0	0	0	17,605,770	0	0	0	0	0	0	17,605,770	2016 Water Revenue Bonds Sold
		1,534,815	0	1,534,815	0	0	0	0	0	0	0	1,534,815	Construction - 2010 Bonds
		0	0	0	0	17,437,627	40,306,076	31,213,617	20,495,555	12,953,505	4,796,495	127,202,875	Future WASD Revenue Bonds
		7,624,513	0	7,624,513	0	0	0	0	0	0	0	7,624,513	W Construction - 2013 Bonds
TOTAL		9,159,328.0	0	9,159,328	17,605,770.0	17,437,627	40,306,076	31,213,617	20,495,555	12,953,505	4,796,495	153,967,973	
EXPENDITURES													
		0	0	0	17,605,770	0	0	0	0	0	0	17,605,770	2016 Water Revenue Bonds Sold
		1,534,814	0	1,534,814	0	0	0	0	0	0	0	1,534,814	Construction - 2010 Bonds
		0	0	0	0	17,437,627	40,306,076	31,213,617	20,495,555	12,953,505	4,796,495	127,202,875	Future WASD Revenue Bonds
		105,825	7,518,688	7,624,513	0	0	0	0	0	0	0	7,624,513	W Construction - 2013 Bonds
TOTAL		1,640,639.6	7,518,688	9,159,328	17,605,770.0	17,437,627	40,306,076	31,213,617	20,495,555	12,953,505	4,796,495	153,967,973	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.101577 W ORR WTP - 48" FINISHED WATER LINE (AREA M)													
Commission District(s) 7													
Sub-Project Budget / Estimated	64,435,700												
REVENUES													
	0	0	0	4,912,876	0	0	0	0	0	0	0	4,912,876	2016 Water Revenue Bonds Sold
	0	0	0	0	1,715,097	14,384,835	18,661,937	15,834,304	8,000,000	0	0	58,596,173	Future WASHD Revenue Bonds
	926,651	0	926,651	0	0	0	0	0	0	0	0	926,651	W Construction - 2013 Bonds
TOTAL	926,651	0	926,651	4,912,876	1,715,097	14,384,835	18,661,937	15,834,304	8,000,000	0	0	64,435,700	
EXPENDITURES													
	0	0	0	4,912,876	0	0	0	0	0	0	0	4,912,876	2016 Water Revenue Bonds Sold
	0	0	0	0	1,715,097	14,384,835	18,661,937	15,834,304	8,000,000	0	0	58,596,173	Future WASHD Revenue Bonds
	0	926,651	926,651	0	0	0	0	0	0	0	0	926,651	W Construction - 2013 Bonds
TOTAL	0	926,651	926,651	4,912,876	1,715,097	14,384,835	18,661,937	15,834,304	8,000,000	0	0	64,435,700	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101579 W ORR WTP - PUMPING UNIT No. 6 HIGH SERVICE PUMP - EAST PUMP ROOM													
Commission District(s) 7													
Sub-Project Budget / Estimated	9,867,245												
REVENUES													
	0	0	0	1,298,364	0	0	0	0	0	0	0	1,298,364	2016 Water Revenue Bonds Sold
	49,219	0	49,219	0	0	0	0	0	0	0	0	49,219	Construction - 2010 Bonds
	0	0	0	0	3,969,165	443,949	1,811,772	2,116,769	0	0	0	8,341,655	Future WASD Revenue Bonds
	178,007	0	178,007	0	0	0	0	0	0	0	0	178,007	W Construction - 2013 Bonds
TOTAL	227,226	0	227,226	1,298,364	3,969,165	443,949	1,811,772	2,116,769	0	0	0	9,867,245	
EXPENDITURES													
	0	0	0	1,298,364	0	0	0	0	0	0	0	1,298,364	2016 Water Revenue Bonds Sold
	49,219	0	49,219	0	0	0	0	0	0	0	0	49,219	Construction - 2010 Bonds
	0	0	0	0	3,969,165	443,949	1,811,772	2,116,769	0	0	0	8,341,655	Future WASD Revenue Bonds
	0	178,007	178,007	0	0	0	0	0	0	0	0	178,007	W Construction - 2013 Bonds
TOTAL	49,219	178,007	227,226	1,298,364	3,969,165	443,949	1,811,772	2,116,769	0	0	0	9,867,245	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101694 W ORR WTP - SWITCHGEAR BUILDING AND TRANSFORMER													
Commission District(s) 7													
Sub-Project Budget / Estimated	6,858,624												
REVENUES													
	0	0	0	2,229,998	0	0	0	0	0	0	0	2,229,998	2016 Water Revenue Bonds Sold
	896,291	0	896,291	0	0	0	0	0	0	0	0	896,291	Construction - 2010 Bonds
	0	0	0	0	800,000	808,800	0	0	0	0	0	1,608,800	Future WASD Revenue Bonds
	2,123,535	0	2,123,535	0	0	0	0	0	0	0	0	2,123,535	W Construction - 2013 Bonds
TOTAL	3,019,826	0	3,019,826	2,229,998	800,000	808,800	0	0	0	0	0	6,858,624	
EXPENDITURES													
	0	0	0	2,229,998	0	0	0	0	0	0	0	2,229,998	2016 Water Revenue Bonds Sold
	896,291	0	896,291	0	0	0	0	0	0	0	0	896,291	Construction - 2010 Bonds
	0	0	0	0	800,000	808,800	0	0	0	0	0	1,608,800	Future WASD Revenue Bonds
	0	2,123,535	2,123,535	0	0	0	0	0	0	0	0	2,123,535	W Construction - 2013 Bonds
TOTAL	896,291	2,123,535	3,019,826	2,229,998	800,000	808,800	0	0	0	0	0	6,858,624	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.101712 W ORR WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES

Commission District(s) 7

Sub-Project Budget / Estimated **1,874,121**

REVENUES

	0	0	0	500,000	0	0	0	0	0	0	0	500,000	2016 Water Revenue Bonds Sold
	0	0	0	0	750,000	374,121	0	0	0	0	0	1,124,121	Future WASD Revenue Bonds
	250,000	0	250,000	0	0	0	0	0	0	0	0	250,000	W Construction - 2013 Bonds
TOTAL	250,000	0	250,000	500,000	750,000	374,121	0	0	0	0	0	1,874,121	

EXPENDITURES

	0	0	0	500,000	0	0	0	0	0	0	0	500,000	2016 Water Revenue Bonds Sold
	0	0	0	0	750,000	374,121	0	0	0	0	0	1,124,121	Future WASD Revenue Bonds
	0	250,000	250,000	0	0	0	0	0	0	0	0	250,000	W Construction - 2013 Bonds
TOTAL	0	250,000	250,000	500,000	750,000	374,121	0	0	0	0	0	1,874,121	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101882 W 3 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP													
Commission District(s) 7													
Sub-Project Budget / Estimated 10,756,347													
REVENUES													
	0	0	0	2,482,279	0	0	0	0	0	0	0	2,482,279	2016 Water Revenue Bonds Sold
	589,305	0	589,305	0	0	0	0	0	0	0	0	589,305	Construction - 2010 Bonds
	0	0	0	0	4,138,509	2,000,000	0	0	0	0	0	6,138,509	Future WASD Revenue Bonds
	1,546,254	0	1,546,254	0	0	0	0	0	0	0	0	1,546,254	W Construction - 2013 Bonds
TOTAL	2,135,559	0	2,135,559	2,482,279	4,138,509	2,000,000	0	0	0	0	0	10,756,347	
EXPENDITURES													
	0	0	0	2,482,279	0	0	0	0	0	0	0	2,482,279	2016 Water Revenue Bonds Sold
	589,305	0	589,305	0	0	0	0	0	0	0	0	589,305	Construction - 2010 Bonds
	0	0	0	0	4,138,509	2,000,000	0	0	0	0	0	6,138,509	Future WASD Revenue Bonds
	24,812	1,521,442	1,546,254	0	0	0	0	0	0	0	0	1,546,254	W Construction - 2013 Bonds
TOTAL	614,117	1,521,442	2,135,559	2,482,279	4,138,509	2,000,000	0	0	0	0	0	10,756,347	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

		Prior			Projections								
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.101945 W HGIH SERVICE PUMP AND MOTOR IMPROVEMENTS EAST & WEST ROOM - VFD

Commission District(s) 7

Sub-Project Budget / Estimated 7,000,000

REVENUES

0	0	0	0	0	0	0	200,000	2,250,000	3,550,000	1,000,000	7,000,000	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---------	-----------	-----------	-----------	-----------	------------------------------

TOTAL	0	0	0	0	0	0	200,000	2,250,000	3,550,000	1,000,000	7,000,000	
--------------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	------------------	------------------	--

EXPENDITURES

0	0	0	0	0	0	0	200,000	2,250,000	3,550,000	1,000,000	7,000,000	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---------	-----------	-----------	-----------	-----------	------------------------------

TOTAL	0	0	0	0	0	0	200,000	2,250,000	3,550,000	1,000,000	7,000,000	
--------------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	------------------	------------------	--



Miami-Dade Water and Sewer Department
 2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.101946 W HYDROTREATOR DRIVES ASSEMBLES AND MOTORS

Commission District(s) 7

Sub-Project Budget / Estimated 1,000,000

REVENUES

	0	0	0	152,618	0	0	0	0	0	0	0	152,618	2016 Water Revenue Bonds Sold
	0	0	0	0	808,686	38,696	0	0	0	0	0	847,382	Future WASD Revenue Bonds
TOTAL	0	0	0	152,618	808,686	38,696	0	0	0	0	0	1,000,000	

EXPENDITURES

	0	0	0	152,618	0	0	0	0	0	0	0	152,618	2016 Water Revenue Bonds Sold
	0	0	0	0	808,686	38,696	0	0	0	0	0	847,382	Future WASD Revenue Bonds
TOTAL	0	0	0	152,618	808,686	38,696	0	0	0	0	0	1,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.102103 W ELECTRICAL UPGADES FOR ALEXANDER ORR LIME PLANT

Commission District(s) 10

Sub-Project Budget / Estimated **1,386,016**

REVENUES

	0	0	0	1,067,121	0	0	0	0	0	0	0	1,067,121	2016 Water Revenue Bonds Sold
	318,895	0	318,895	0	0	0	0	0	0	0	0	318,895	W Construction - 2013 Bonds
TOTAL	318,895	0	318,895	1,067,121	0	0	0	0	0	0	0	1,386,016	

EXPENDITURES

	0	0	0	1,067,121	0	0	0	0	0	0	0	1,067,121	2016 Water Revenue Bonds Sold
	0	318,895	318,895	0	0	0	0	0	0	0	0	318,895	W Construction - 2013 Bonds
TOTAL	0	318,895	318,895	1,067,121	0	0	0	0	0	0	0	1,386,016	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102107 W HYPOCHLORITE FEED/STORAGE AT ORR WTP													
Commission District(s) 10													
Sub-Project Budget / Estimated 14,300,000													
REVENUES													
	0	0	0	1,017,022	0	0	0	0	0	0	0	1,017,022	2016 Water Revenue Bonds Sold
	0	0	0	0	1,112,918	10,115,745	1,208,497	0	0	0	0	12,437,160	Future WASD Revenue Bonds
	845,818	0	845,818	0	0	0	0	0	0	0	0	845,818	W Construction - 2013 Bonds
TOTAL	845,818	0	845,818	1,017,022	1,112,918	10,115,745	1,208,497	0	0	0	0	14,300,000	
EXPENDITURES													
	0	0	0	1,017,022	0	0	0	0	0	0	0	1,017,022	2016 Water Revenue Bonds Sold
	0	0	0	0	1,112,918	10,115,745	1,208,497	0	0	0	0	12,437,160	Future WASD Revenue Bonds
	68,179	777,639	845,818	0	0	0	0	0	0	0	0	845,818	W Construction - 2013 Bonds
TOTAL	68,179	777,639	845,818	1,017,022	1,112,918	10,115,745	1,208,497	0	0	0	0	14,300,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections								Total	Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future			

.102109 W REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #1 AT ORR WTP

Commission District(s) 10

Sub-Project Budget / Estimated 3,000,000

REVENUES

	0	0	0	199,998	0	0	0	0	0	0	0	199,998	2016 Water Revenue Bonds Sold
	0	0	0	0	163,465	2,636,537	0	0	0	0	0	2,800,002	Future WASD Revenue Bonds
TOTAL	0	0	0	199,998	163,465	2,636,537	0	0	0	0	0	3,000,000	

EXPENDITURES

	0	0	0	199,998	0	0	0	0	0	0	0	199,998	2016 Water Revenue Bonds Sold
	0	0	0	0	163,465	2,636,537	0	0	0	0	0	2,800,002	Future WASD Revenue Bonds
TOTAL	0	0	0	199,998	163,465	2,636,537	0	0	0	0	0	3,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102110 W REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #2 AT ORR WTP

Commission District(s) 10

Sub-Project Budget / Estimated 3,200,000

REVENUES

	0	0	0	40,197	0	0	0	0	0	0	40,197	2016 Water Revenue Bonds Sold
	0	0	0	0	319,959	832,204	2,007,640	0	0	0	3,159,803	Future WASD Revenue Bonds
TOTAL	0	0	0	40,197	319,959	832,204	2,007,640	0	0	0	3,200,000	

EXPENDITURES

	0	0	0	40,197	0	0	0	0	0	0	40,197	2016 Water Revenue Bonds Sold
	0	0	0	0	319,959	832,204	2,007,640	0	0	0	3,159,803	Future WASD Revenue Bonds
TOTAL	0	0	0	40,197	319,959	832,204	2,007,640	0	0	0	3,200,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102166 W A. ORR WTP ELECTRICAL DUCT BANK FOR GENERATOR SWITCH GEAR

Commission District(s) 7

Sub-Project Budget / Estimated **3,500,000**

REVENUES

	0	0	0	72,850	0	0	0	0	0	0	72,850	2016 Water Revenue Bonds Sold
	0	0	0	0	306,922	1,978,592	1,141,636	0	0	0	3,427,150	Future WASD Revenue Bonds
TOTAL	0	0	0	72,850	306,922	1,978,592	1,141,636	0	0	0	3,500,000	

EXPENDITURES

	0	0	0	72,850	0	0	0	0	0	0	72,850	2016 Water Revenue Bonds Sold
	0	0	0	0	306,922	1,978,592	1,141,636	0	0	0	3,427,150	Future WASD Revenue Bonds
TOTAL	0	0	0	72,850	306,922	1,978,592	1,141,636	0	0	0	3,500,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102167 W A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS													
Commission District(s) 7													
Sub-Project Budget / Estimated 10,000,000													
REVENUES													
	0	0	0	737,474	0	0	0	0	0	0	0	737,474	2016 Water Revenue Bonds Sold
	0	0	0	0	92,421	2,623,700	6,122,083	294,482	0	0	0	9,132,686	Future WASD Revenue Bonds
	129,840	0	129,840	0	0	0	0	0	0	0	0	129,840	W Construction - 2013 Bonds
TOTAL	129,840	0	129,840	737,474	92,421	2,623,700	6,122,083	294,482	0	0	0	10,000,000	
EXPENDITURES													
	0	0	0	737,474	0	0	0	0	0	0	0	737,474	2016 Water Revenue Bonds Sold
	0	0	0	0	92,421	2,623,700	6,122,083	294,482	0	0	0	9,132,686	Future WASD Revenue Bonds
	0	129,840	129,840	0	0	0	0	0	0	0	0	129,840	W Construction - 2013 Bonds
TOTAL	0	129,840	129,840	737,474	92,421	2,623,700	6,122,083	294,482	0	0	0	10,000,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102168 W A. ORR WTP FEEDER/MOTOR CONTROL CENTER

Commission District(s) 7

Sub-Project Budget / Estimated 750,000

REVENUES

	0	0	0	0	0	0	0	0	0	244,604	505,396	750,000	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---	---	---------	---------	---------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	0	244,604	505,396	750,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	----------------	----------------	--

EXPENDITURES

	0	0	0	0	0	0	0	0	0	244,604	505,396	750,000	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---	---	---------	---------	---------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	0	244,604	505,396	750,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	----------------	----------------	--

.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	0	0	0	0	0	0	228,297	471,703	700,000	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---	---	---------	---------	---------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	0	228,297	471,703	700,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	----------------	----------------	--

EXPENDITURES

	0	0	0	0	0	0	0	0	0	228,297	471,703	700,000	Future WASD Revenue Bonds
--	---	---	---	---	---	---	---	---	---	---------	---------	---------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	0	228,297	471,703	700,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	----------------	----------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102174 W SNAPPER CREEK WELLFIELD FEEDERS AND SWITCHGEAR

Commission District(s)

Sub-Project Budget / Estimated **750,000**

REVENUES

0	0	0	0	0	0	0	0	0	244,604	505,396	750,000	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---	---	---------	---------	---------	---------------------------

TOTAL

0	0	0	0	0	0	0	0	0	244,604	505,396	750,000	
---	---	---	---	---	---	---	---	---	---------	---------	---------	--

EXPENDITURES

0	0	0	0	0	0	0	0	0	244,604	505,396	750,000	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---	---	---------	---------	---------	---------------------------

TOTAL

0	0	0	0	0	0	0	0	0	244,604	505,396	750,000	
---	---	---	---	---	---	---	---	---	---------	---------	---------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102175 W ALEXANDER ORR WATER TESTING LABORATORY													
Commission District(s) 7													
Sub-Project Budget / Estimated	10,012,834												
REVENUES													
	0	0	0	2,500,000	0	0	0	0	0	0	0	2,500,000	2016 Water Revenue Bonds Sold
	0	0	0	0	3,000,000	3,500,000	0	0	0	0	0	6,500,000	Future WASD Revenue Bonds
	1,012,834	0	1,012,834	0	0	0	0	0	0	0	0	1,012,834	W Construction - 2013 Bonds
TOTAL	1,012,834	0	1,012,834	2,500,000	3,000,000	3,500,000	0	0	0	0	0	10,012,834	
EXPENDITURES													
	0	0	0	2,500,000	0	0	0	0	0	0	0	2,500,000	2016 Water Revenue Bonds Sold
	0	0	0	0	3,000,000	3,500,000	0	0	0	0	0	6,500,000	Future WASD Revenue Bonds
	12,834	1,000,000	1,012,834	0	0	0	0	0	0	0	0	1,012,834	W Construction - 2013 Bonds
TOTAL	12,834	1,000,000	1,012,834	2,500,000	3,000,000	3,500,000	0	0	0	0	0	10,012,834	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102177 W SLUDGE LINE PIGGING STATION AT ALEXANDER ORR WTP

Commission District(s) 7

Sub-Project Budget / Estimated **1,577,086**

REVENUES

	0	0	0	394,973	0	0	0	0	0	0	394,973	2016 Water Revenue Bonds Sold
	0	0	0	0	260,485	568,897	60,052	0	0	0	889,434	Future WASD Revenue Bonds
	292,679	0	292,679	0	0	0	0	0	0	0	292,679	W Construction - 2013 Bonds
TOTAL	292,679	0	292,679	394,973	260,485	568,897	60,052	0	0	0	1,577,086	

EXPENDITURES

	0	0	0	394,973	0	0	0	0	0	0	394,973	2016 Water Revenue Bonds Sold
	0	0	0	0	260,485	568,897	60,052	0	0	0	889,434	Future WASD Revenue Bonds
	0	292,679	292,679	0	0	0	0	0	0	0	292,679	W Construction - 2013 Bonds
TOTAL	0	292,679	292,679	394,973	260,485	568,897	60,052	0	0	0	1,577,086	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102180 W REPLACEMENT/UPGRADE OF LIME FEED SYSTEM

Commission District(s)

Sub-Project Budget / Estimated **3,000,000**

REVENUES

0	0	0	0	0	0	0	0	0	686,000	2,314,000	3,000,000	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---	---	---------	-----------	-----------	---------------------------

TOTAL

0	0	0	0	0	0	0	0	0	686,000	2,314,000	3,000,000	
---	---	---	---	---	---	---	---	---	---------	-----------	-----------	--

EXPENDITURES

0	0	0	0	0	0	0	0	0	686,000	2,314,000	3,000,000	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---	---	---------	-----------	-----------	---------------------------

TOTAL

0	0	0	0	0	0	0	0	0	686,000	2,314,000	3,000,000	
---	---	---	---	---	---	---	---	---	---------	-----------	-----------	--



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	16,143,610												
REVENUES													
		0	0	0	1,723,550	0	0	0	0	0	0	1,723,550	2016 Water Revenue Bonds Sold
		0	0	0	0	1,706,511	9,839,788	47,697	0	0	0	11,593,996	Future WASD Revenue Bonds
		2,826,064	0	2,826,064	0	0	0	0	0	0	0	2,826,064	W Construction - 2013 Bonds
TOTAL		2,826,064.0	0	2,826,064	1,723,550.0	1,706,511	9,839,788	47,697	0	0	0	16,143,610	
EXPENDITURES													
		0	0	0	1,723,550	0	0	0	0	0	0	1,723,550	2016 Water Revenue Bonds Sold
		0	0	0	0	1,706,511	9,839,788	47,697	0	0	0	11,593,996	Future WASD Revenue Bonds
		0	2,826,064	2,826,064	0	0	0	0	0	0	0	2,826,064	W Construction - 2013 Bonds
TOTAL		0.0	2,826,064	2,826,064	1,723,550.0	1,706,511	9,839,788	47,697	0	0	0	16,143,610	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101540 W WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A													
Commission District(s) 5													
Sub-Project Budget / Estimated	14,317,005												
REVENUES													
	0	0	0	1,592,178	0	0	0	0	0	0	0	1,592,178	2016 Water Revenue Bonds Sold
	0	0	0	0	1,601,810	8,296,953	0	0	0	0	0	9,898,763	Future WASD Revenue Bonds
	2,826,064	0	2,826,064	0	0	0	0	0	0	0	0	2,826,064	W Construction - 2013 Bonds
TOTAL	2,826,064	0	2,826,064	1,592,178	1,601,810	8,296,953	0	0	0	0	0	14,317,005	
EXPENDITURES													
	0	0	0	1,592,178	0	0	0	0	0	0	0	1,592,178	2016 Water Revenue Bonds Sold
	0	0	0	0	1,601,810	8,296,953	0	0	0	0	0	9,898,763	Future WASD Revenue Bonds
	0	2,826,064	2,826,064	0	0	0	0	0	0	0	0	2,826,064	W Construction - 2013 Bonds
TOTAL	0	2,826,064	2,826,064	1,592,178	1,601,810	8,296,953	0	0	0	0	0	14,317,005	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1053. NORTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654031

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.102116 W 20-INCH WATER MAIN - BISCAYNE BLVD - AREA L

Commission District(s) 4

Sub-Project Budget / Estimated **1,826,605**

REVENUES

	0	0	0	131,372	0	0	0	0	0	0	0	131,372	2016 Water Revenue Bonds Sold
	0	0	0	0	104,701	1,542,835	47,697	0	0	0	0	1,695,233	Future WASD Revenue Bonds
TOTAL	0	0	0	131,372	104,701	1,542,835	47,697	0	0	0	0	1,826,605	

EXPENDITURES

	0	0	0	131,372	0	0	0	0	0	0	0	131,372	2016 Water Revenue Bonds Sold
	0	0	0	0	104,701	1,542,835	47,697	0	0	0	0	1,695,233	Future WASD Revenue Bonds
TOTAL	0	0	0	131,372	104,701	1,542,835	47,697	0	0	0	0	1,826,605	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
66,759,289													
REVENUES													
		0	0	0	698,349	0	0	0	0	0	0	698,349	2016 Water Revenue Bonds Sold
		0	0	0	0	3,186,303	2,735,357	20,355,888	19,686,157	5,582,275	14,514,960	66,060,940	Future WASD Revenue Bonds
TOTAL		0.0	0	0	698,349.0	3,186,303	2,735,357	20,355,888	19,686,157	5,582,275	14,514,960	66,759,289	
EXPENDITURES													
		0	0	0	698,349	0	0	0	0	0	0	698,349	2016 Water Revenue Bonds Sold
		0	0	0	0	3,186,303	2,735,357	20,355,888	19,686,157	5,582,275	14,514,960	66,060,940	Future WASD Revenue Bonds
TOTAL		0.0	0	0	698,349.0	3,186,303	2,735,357	20,355,888	19,686,157	5,582,275	14,514,960	66,759,289	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1054. CENTRAL MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654041

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	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 10,460,500

REVENUES

0	0	0	0	0	0	0	0	0	0	137,017	10,323,483	10,460,500	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---	---	---	---------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	0	0	0	0	137,017	10,323,483	10,460,500	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	-------------------	-------------------	--

EXPENDITURES

0	0	0	0	0	0	0	0	0	0	137,017	10,323,483	10,460,500	Future WASD Revenue Bonds
---	---	---	---	---	---	---	---	---	---	---------	------------	------------	---------------------------

TOTAL	0	0	0	0	0	0	0	0	0	137,017	10,323,483	10,460,500	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	-------------------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102112 W 16/36/36-INCH WATER MAINS - SW 48 ST SW 40 ST SW 97 AVE - AREA Q

Commission District(s) 10

Sub-Project Budget / Estimated 31,609,782

REVENUES

0	0	0	418,103	0	0	0	0	0	0	0	418,103	2016 Water Revenue Bonds Sold
0	0	0	0	1,377,664	1,731,120	13,425,981	10,656,914	4,000,000	0	0	31,191,679	Future WASD Revenue Bonds

TOTAL

0	0	0	418,103	1,377,664	1,731,120	13,425,981	10,656,914	4,000,000	0	0	31,609,782	
---	---	---	---------	-----------	-----------	------------	------------	-----------	---	---	------------	--

EXPENDITURES

0	0	0	418,103	0	0	0	0	0	0	0	418,103	2016 Water Revenue Bonds Sold
0	0	0	0	1,377,664	1,731,120	13,425,981	10,656,914	4,000,000	0	0	31,191,679	Future WASD Revenue Bonds

TOTAL

0	0	0	418,103	1,377,664	1,731,120	13,425,981	10,656,914	4,000,000	0	0	31,609,782	
---	---	---	---------	-----------	-----------	------------	------------	-----------	---	---	------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102115 W 20/30-INCH WATER MAINS - SW 87 AVE - AREA P													
Commission District(s) 10,11													
Sub-Project Budget / Estimated 13,036,029													
REVENUES													
	0	0	0	183,908	0	0	0	0	0	0	0	183,908	2016 Water Revenue Bonds Sold
	0	0	0	0	1,316,198	484,506	6,355,395	4,696,022	0	0	0	12,852,121	Future WASD Revenue Bonds
TOTAL	0	0	0	183,908	1,316,198	484,506	6,355,395	4,696,022	0	0	0	13,036,029	
EXPENDITURES													
	0	0	0	183,908	0	0	0	0	0	0	0	183,908	2016 Water Revenue Bonds Sold
	0	0	0	0	1,316,198	484,506	6,355,395	4,696,022	0	0	0	12,852,121	Future WASD Revenue Bonds
TOTAL	0	0	0	183,908	1,316,198	484,506	6,355,395	4,696,022	0	0	0	13,036,029	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1054. CENTRAL MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654041

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102118 W 30/36-INCH WATER MAINS - SW 157 AVE SW 88 ST - AREA D

Commission District(s) 11

Sub-Project Budget / Estimated 4,706,293

REVENUES

0	0	0	0	0	0	0	0	0	0	514,816	4,191,477	4,706,293	Future WASH Revenue Bonds
---	---	---	---	---	---	---	---	---	---	---------	-----------	-----------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	0	514,816	4,191,477	4,706,293	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	--

EXPENDITURES

0	0	0	0	0	0	0	0	0	0	514,816	4,191,477	4,706,293	Future WASH Revenue Bonds
---	---	---	---	---	---	---	---	---	---	---------	-----------	-----------	------------------------------

TOTAL	0	0	0	0	0	0	0	0	0	514,816	4,191,477	4,706,293	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	------------------	------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102120 W 36-INCH WATER MAIN - SW 72 ST - AREA O													
Commission District(s) 7													
Sub-Project Budget / Estimated	6,946,685												
REVENUES													
	0	0	0	96,338	0	0	0	0	0	0	0	96,338	2016 Water Revenue Bonds Sold
	0	0	0	0	492,441	519,731	574,512	4,333,221	930,442	0	0	6,850,347	Future WASD Revenue Bonds
TOTAL	0	0	0	96,338	492,441	519,731	574,512	4,333,221	930,442	0	0	6,946,685	
EXPENDITURES													
	0	0	0	96,338	0	0	0	0	0	0	0	96,338	2016 Water Revenue Bonds Sold
	0	0	0	0	492,441	519,731	574,512	4,333,221	930,442	0	0	6,850,347	Future WASD Revenue Bonds
TOTAL	0	0	0	96,338	492,441	519,731	574,512	4,333,221	930,442	0	0	6,946,685	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1055. SOUTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMETNS

Commission District(s) Systemwide

OSBM No. 9650021

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
18,850,834													
REVENUES													
		0	0	0	258,497	0	0	0	0	0	0	258,497	2016 Water Revenue Bonds Sold
		0	0	0	0	751,496	4,781,562	851,346	2,492,133	8,738,424	977,376	18,592,337	Future WASD Revenue Bonds
TOTAL		0.0	0	0	258,497.0	751,496	4,781,562	851,346	2,492,133	8,738,424	977,376	18,850,834	
EXPENDITURES													
		0	0	0	258,497	0	0	0	0	0	0	258,497	2016 Water Revenue Bonds Sold
		0	0	0	0	751,496	4,781,562	851,346	2,492,133	8,738,424	977,376	18,592,337	Future WASD Revenue Bonds
TOTAL		0.0	0	0	258,497.0	751,496	4,781,562	851,346	2,492,133	8,738,424	977,376	18,850,834	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1055. SOUTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMETNS

Commission District(s) Systemwide

OSBM No. 9650021

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102016 W VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)

Commission District(s) 9

Sub-Project Budget / Estimated **4,500,000**

REVENUES

	0	0	0	258,497	0	0	0	0	0	0	258,497	2016 Water Revenue Bonds Sold
	0	0	0	0	504,489	3,735,428	1,586	0	0	0	4,241,503	Future WASD Revenue Bonds
TOTAL	0	0	0	258,497	504,489	3,735,428	1,586	0	0	0	4,500,000	

EXPENDITURES

	0	0	0	258,497	0	0	0	0	0	0	258,497	2016 Water Revenue Bonds Sold
	0	0	0	0	504,489	3,735,428	1,586	0	0	0	4,241,503	Future WASD Revenue Bonds
TOTAL	0	0	0	258,497	504,489	3,735,428	1,586	0	0	0	4,500,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1055. SOUTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMETNS

Commission District(s) Systemwide

OSBM No. 9650021

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102117 W 24-INCH WATER MAIN - SW 137 AVE - AREA C

Commission District(s) 12

Sub-Project Budget / Estimated 14,350,834

REVENUES

0	0	0	0	247,007	1,046,134	849,760	2,492,133	8,738,424	977,376	14,350,834	Future WASD Revenue Bonds
---	---	---	---	---------	-----------	---------	-----------	-----------	---------	------------	---------------------------

TOTAL

0	0	0	0	247,007	1,046,134	849,760	2,492,133	8,738,424	977,376	14,350,834
---	---	---	---	---------	-----------	---------	-----------	-----------	---------	------------

EXPENDITURES

0	0	0	0	247,007	1,046,134	849,760	2,492,133	8,738,424	977,376	14,350,834	Future WASD Revenue Bonds
---	---	---	---	---------	-----------	---------	-----------	-----------	---------	------------	---------------------------

TOTAL

0	0	0	0	247,007	1,046,134	849,760	2,492,133	8,738,424	977,376	14,350,834
---	---	---	---	---------	-----------	---------	-----------	-----------	---------	------------



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
REVENUES	14,682,502												
		6,087,397	1,000,000	7,087,397	595,105	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	14,682,502	Water Special Construction Fund
TOTAL		6,087,397.0	1,000,000	7,087,397	595,105.0	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	14,682,502	
EXPENDITURES													
		4,628,538	1,553,964	6,182,502	1,500,000	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	14,682,502	Water Special Construction Fund
TOTAL		4,628,538.0	1,553,964	6,182,502	1,500,000.0	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	14,682,502	

.101474 W SPECIAL CONSTRUCTION - WATER IMPROVEMENTS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **14,682,502**

REVENUES													
		6,087,397	1,000,000	7,087,397	595,105	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	14,682,502	Water Special Construction Fund
TOTAL		6,087,397	1,000,000	7,087,397	595,105	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	14,682,502	
EXPENDITURES													
		4,628,538	1,553,964	6,182,502	1,500,000	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	14,682,502	Water Special Construction Fund
TOTAL		4,628,538	1,553,964	6,182,502	1,500,000	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	14,682,502	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
56,832,964														
REVENUES														
		0	0	0	8,519,831	0	0	0	0	0	0	8,519,831	2016 Water Revenue Bonds Sold	
		0	0	0	0	11,759,386	11,191,959	5,637,566	18,039,931	349,582	0	46,978,424	Future WASD Revenue Bonds	
	1,334,709		0	1,334,709	0	0	0	0	0	0	0	1,334,709	W Construction - 2013 Bonds	
TOTAL	1,334,709.0	0	0	1,334,709	8,519,831.0	11,759,386	11,191,959	5,637,566	18,039,931	349,582	0	56,832,964		
EXPENDITURES														
		0	0	0	8,519,831	0	0	0	0	0	0	8,519,831	2016 Water Revenue Bonds Sold	
		0	0	0	0	11,759,386	11,191,959	5,637,566	18,039,931	349,582	0	46,978,424	Future WASD Revenue Bonds	
	246,548	1,088,161		1,334,709	0	0	0	0	0	0	0	1,334,709	W Construction - 2013 Bonds	
TOTAL	246,548.0	1,088,161	0	1,334,709	8,519,831.0	11,759,386	11,191,959	5,637,566	18,039,931	349,582	0	56,832,964		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.101084 W MIAMI SERVICE FACILITY - (PHASE 1)

Commission District(s) 3

Sub-Project Budget / Estimated 1,129,735

REVENUES

0	0	0	0	0	65,050	129,439	935,246	0	0	0	1,129,735	Future WASD Revenue Bonds
---	---	---	---	---	--------	---------	---------	---	---	---	-----------	---------------------------

TOTAL	0	0	0	0	65,050	129,439	935,246	0	0	0	1,129,735	
--------------	----------	----------	----------	----------	---------------	----------------	----------------	----------	----------	----------	------------------	--

EXPENDITURES

0	0	0	0	0	65,050	129,439	935,246	0	0	0	1,129,735	Future WASD Revenue Bonds
---	---	---	---	---	--------	---------	---------	---	---	---	-----------	---------------------------

TOTAL	0	0	0	0	65,050	129,439	935,246	0	0	0	1,129,735	
--------------	----------	----------	----------	----------	---------------	----------------	----------------	----------	----------	----------	------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.101505 W SOUTH MAINTENANCE CENTER													
Commission District(s) 9													
Sub-Project Budget / Estimated	32,075,709												
REVENUES													
	0	0	0	8,316,000	0	0	0	0	0	0	0	8,316,000	2016 Water Revenue Bonds Sold
	0	0	0	0	10,285,000	8,140,000	3,000,000	1,000,000	0	0	0	22,425,000	Future WASD Revenue Bonds
	1,334,709	0	1,334,709	0	0	0	0	0	0	0	0	1,334,709	W Construction - 2013 Bonds
TOTAL	1,334,709	0	1,334,709	8,316,000	10,285,000	8,140,000	3,000,000	1,000,000	0	0	0	32,075,709	
EXPENDITURES													
	0	0	0	8,316,000	0	0	0	0	0	0	0	8,316,000	2016 Water Revenue Bonds Sold
	0	0	0	0	10,285,000	8,140,000	3,000,000	1,000,000	0	0	0	22,425,000	Future WASD Revenue Bonds
	246,548	1,088,161	1,334,709	0	0	0	0	0	0	0	0	1,334,709	W Construction - 2013 Bonds
TOTAL	246,548	1,088,161	1,334,709	8,316,000	10,285,000	8,140,000	3,000,000	1,000,000	0	0	0	32,075,709	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.101507 W NORTH MAINTENANCE CENTER

Commission District(s) 1

Sub-Project Budget / Estimated 10,116,520

REVENUES

0	0	0	0	0	142,720	1,294,548	571,488	7,758,182	349,582	0	10,116,520	Future WASD Revenue Bonds
---	---	---	---	---	---------	-----------	---------	-----------	---------	---	------------	---------------------------

TOTAL	0	0	0	0	142,720	1,294,548	571,488	7,758,182	349,582	0	10,116,520	
--------------	----------	----------	----------	----------	----------------	------------------	----------------	------------------	----------------	----------	-------------------	--

EXPENDITURES

0	0	0	0	0	142,720	1,294,548	571,488	7,758,182	349,582	0	10,116,520	Future WASD Revenue Bonds
---	---	---	---	---	---------	-----------	---------	-----------	---------	---	------------	---------------------------

TOTAL	0	0	0	0	142,720	1,294,548	571,488	7,758,182	349,582	0	10,116,520	
--------------	----------	----------	----------	----------	----------------	------------------	----------------	------------------	----------------	----------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.101547 W MIAMI SERVICE FACILITY (PHASE 2)

Commission District(s) 3

Sub-Project Budget / Estimated 12,211,000

REVENUES

0	0	0	0	0	172,268	1,626,151	1,130,832	9,281,749	0	0	12,211,000	Future WASD Revenue Bonds
---	---	---	---	---	---------	-----------	-----------	-----------	---	---	------------	---------------------------

TOTAL

0	0	0	0	0	172,268	1,626,151	1,130,832	9,281,749	0	0	12,211,000	
---	---	---	---	---	---------	-----------	-----------	-----------	---	---	------------	--

EXPENDITURES

0	0	0	0	0	172,268	1,626,151	1,130,832	9,281,749	0	0	12,211,000	Future WASD Revenue Bonds
---	---	---	---	---	---------	-----------	-----------	-----------	---	---	------------	---------------------------

TOTAL

0	0	0	0	0	172,268	1,626,151	1,130,832	9,281,749	0	0	12,211,000	
---	---	---	---	---	---------	-----------	-----------	-----------	---	---	------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.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	203,831	0	0	0	0	0	0	203,831	2016 Water Revenue Bonds Sold
	0	0	0	0	1,094,348	1,821	0	0	0	0	1,096,169	Future WASD Revenue Bonds
TOTAL	0	0	0	203,831	1,094,348	1,821	0	0	0	0	1,300,000	

EXPENDITURES

	0	0	0	203,831	0	0	0	0	0	0	203,831	2016 Water Revenue Bonds Sold
	0	0	0	0	1,094,348	1,821	0	0	0	0	1,096,169	Future WASD Revenue Bonds
TOTAL	0	0	0	203,831	1,094,348	1,821	0	0	0	0	1,300,000	



Miami-Dade Water and Sewer Department
2016 - 2022 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								Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
283,971,867														
REVENUES														
	0	0	0	11,829,750	0	0	0	0	0	0	0	11,829,750	2016 Water Revenue Bonds Sold	
	3,908,315	0	3,908,315	0	0	0	0	0	0	0	0	3,908,315	Construction - 2010 Bonds	
	0	0	0	0	57,908,996	22,866,663	9,465,814	10,000,000	12,500,000		32,080,227	144,821,700	Future WASD Revenue Bonds	
	12,403,102	10,203,518	22,606,620	5,521,549	3,589,961	0	0	0	0	0	0	31,718,130	Plant Expansion Fund - Water	
	19,707,730	0	19,707,730	0	0	0	0	0	0	0	0	19,707,730	W Construction - 2013 Bonds	
	1,477,596	0	1,477,596	0	0	0	0	0	0	0	0	1,477,596	WASD Revenue Bonds Sold	
	0	16,942,708	16,942,708	0	0	0	0	0	0	0	0	16,942,708	WASD Water Commercial Paper - 2015	
	32,565,938	0	32,565,938	0	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000		3,500,000	53,565,938	Water Renewal & Replacement Fund	
TOTAL	70,062,681.0	27,146,226	97,208,907	17,351,299.0	64,998,957	26,366,663	12,965,814	13,500,000	16,000,000		35,580,227	283,971,867		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
	0	0	0	11,829,750	0	0	0	0	0	0	0	11,829,750	2016 Water Revenue Bonds Sold	
	3,908,315	0	3,908,315	0	0	0	0	0	0	0	0	3,908,315	Construction - 2010 Bonds	
	0	0	0	0	57,908,996	22,866,663	9,465,814	10,000,000	12,500,000		32,080,227	144,821,700	Future WASD Revenue Bonds	
	265,490	6,553,758	6,819,248	15,878,476	9,020,406	0	0	0	0	0	0	31,718,130	Plant Expansion Fund - Water	
	14,149,418	5,558,312	19,707,730	0	0	0	0	0	0	0	0	19,707,730	W Construction - 2013 Bonds	
	1,477,596	0	1,477,596	0	0	0	0	0	0	0	0	1,477,596	WASD Revenue Bonds Sold	
	0	0	0	16,942,708	0	0	0	0	0	0	0	16,942,708	WASD Water Commercial Paper - 2015	
	27,397,211	1,868,269	29,265,480	3,300,458	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	53,565,938	Water Renewal & Replacement Fund	
TOTAL	47,198,029.9	13,980,339	61,178,369	47,951,392.0	70,429,402	26,366,663	12,965,814	13,500,000	16,000,000		35,580,227	283,971,867		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.100786 W WATER DISTRIBUTION SYSTEM EXTENSION													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		19,994,644											
REVENUES													
	0	0	0	4,000,000	0	0	0	0	0	0	0	4,000,000	2016 Water Revenue Bonds Sold
	787,236	0	787,236	0	0	0	0	0	0	0	0	787,236	Construction - 2010 Bonds
	0	0	0	0	3,448,778	2,590,740	2,465,814	0	0	0	0	8,505,332	Future WASD Revenue Bonds
	3,259	0	3,259	0	0	0	0	0	0	0	0	3,259	W Construction - 2013 Bonds
	3,698,817	0	3,698,817	0	500,000	500,000	500,000	500,000	500,000	500,000	500,000	6,698,817	Water Renewal & Replacement Fund
TOTAL	4,489,312	0	4,489,312	4,000,000	3,948,778	3,090,740	2,965,814	500,000	500,000	500,000	500,000	19,994,644	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
	0	0	0	4,000,000	0	0	0	0	0	0	0	4,000,000	2016 Water Revenue Bonds Sold
	787,236	0	787,236	0	0	0	0	0	0	0	0	787,236	Construction - 2010 Bonds
	0	0	0	0	3,448,778	2,590,740	2,465,814	0	0	0	0	8,505,332	Future WAsD Revenue Bonds
	3,259	0	3,259	0	0	0	0	0	0	0	0	3,259	W Construction - 2013 Bonds
	1,011,548	1,868,269	2,879,817	819,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	6,698,817	Water Renewal & Replacement Fund
TOTAL	1,802,043	1,868,269	3,670,312	4,819,000	3,948,778	3,090,740	2,965,814	500,000	500,000	500,000	500,000	19,994,644	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
.101734 W WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA's														
Commission District(s) COUNTYWIDE														
Sub-Project Budget / Estimated	77,740,156													
REVENUES														
	0	0	0	1,137,530	0	0	0	0	0	0	0	1,137,530	2016 Water Revenue Bonds Sold	
	2,829,390	0	2,829,390	0	0	0	0	0	0	0	0	2,829,390	Construction - 2010 Bonds	
	0	0	0	0	8,000,000	0	0	0	0	0	0	8,000,000	Future WASD Revenue Bonds	
	13,043,645	0	13,043,645	0	0	0	0	0	0	0	0	13,043,645	W Construction - 2013 Bonds	
	0	5,862,470	5,862,470	0	0	0	0	0	0	0	0	5,862,470	WASD Water Commercial Paper - 2015	
	28,867,121	0	28,867,121	0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	46,867,121	Water Renewal & Replacement Fund	
TOTAL	44,740,156	5,862,470	50,602,626	1,137,530	11,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	77,740,156		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
	0	0	0	1,137,530	0	0	0	0	0	0	0	1,137,530	2016 Water Revenue Bonds Sold
	2,829,390	0	2,829,390	0	0	0	0	0	0	0	0	2,829,390	Construction - 2010 Bonds
	0	0	0	0	8,000,000	0	0	0	0	0	0	8,000,000	Future WASHD Revenue Bonds
	12,731,251	312,394	13,043,645	0	0	0	0	0	0	0	0	13,043,645	W Construction - 2013 Bonds
	0	0	0	5,862,470	0	0	0	0	0	0	0	5,862,470	WASHD Water Commercial Paper - 2015
	26,385,663	0	26,385,663	2,481,458	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	46,867,121	Water Renewal & Replacement Fund
TOTAL	41,946,304	312,394	42,258,698	9,481,458	11,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	77,740,156	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101771 W SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 1													
Commission District(s) 9													
Sub-Project Budget / Estimated	16,108,502												
REVENUES													
	0	0	0	4,025,861	0	0	0	0	0	0	0	4,025,861	2016 Water Revenue Bonds Sold
	0	0	0	0	4,000,000	1,275,923	0	0	0	0	0	5,275,923	Future WASD Revenue Bonds
	3,332,579	0	3,332,579	3,474,139	0	0	0	0	0	0	0	6,806,718	Plant Expansion Fund - Water
TOTAL	3,332,579	0	3,332,579	7,500,000	4,000,000	1,275,923	0	0	0	0	0	16,108,502	
EXPENDITURES													
	0	0	0	4,025,861	0	0	0	0	0	0	0	4,025,861	2016 Water Revenue Bonds Sold
	0	0	0	0	4,000,000	1,275,923	0	0	0	0	0	5,275,923	Future WASD Revenue Bonds
	265,490	3,067,089	3,332,579	3,474,139	0	0	0	0	0	0	0	6,806,718	Plant Expansion Fund - Water
TOTAL	265,490	3,067,089	3,332,579	7,500,000	4,000,000	1,275,923	0	0	0	0	0	16,108,502	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

		Prior			Projections								
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.101772 W SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 2

Commission District(s) 9

Sub-Project Budget / Estimated 23,420,868

REVENUES

	0	0	0	0	17,591,444	0	0	0	0	0	17,591,444	Future WASD Revenue Bonds
	0	2,534,254	2,534,254	1,059,057	2,236,113	0	0	0	0	0	5,829,424	Plant Expansion Fund - Water
TOTAL	0	2,534,254	2,534,254	1,059,057	19,827,557	0	0	0	0	0	23,420,868	

EXPENDITURES

	0	0	0	0	17,591,444	0	0	0	0	0	17,591,444	Future WASD Revenue Bonds
	0	475,197	475,197	1,059,057	4,295,170	0	0	0	0	0	5,829,424	Plant Expansion Fund - Water
TOTAL	0	475,197	475,197	1,059,057	21,886,614	0	0	0	0	0	23,420,868	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.101773 W SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS HOMESTEAD EAST

Commission District(s) 9

Sub-Project Budget / Estimated 15,207,534

REVENUES

	0	0	0	0	10,839,930	0	0	0	0	0	0	10,839,930	Future WASD Revenue Bonds
	4,367,604	0	4,367,604	0	0	0	0	0	0	0	0	4,367,604	Plant Expansion Fund - Water
TOTAL	4,367,604	0	4,367,604	0	10,839,930	0	0	0	0	0	0	15,207,534	

EXPENDITURES

	0	0	0	0	10,839,930	0	0	0	0	0	0	10,839,930	Future WASD Revenue Bonds
	0	308,553	308,553	687,663	3,371,388	0	0	0	0	0	0	4,367,604	Plant Expansion Fund - Water
TOTAL	0	308,553	308,553	687,663	14,211,318	0	0	0	0	0	0	15,207,534	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.101778 W DESIGN AND CONSTRUCTION OF PROPOSED 16 INCH WATER MAIN ON SW 192ND AVE BETWEEN SW 328 ST. TO SW 352 ST.													
Commission District(s) 9													
Sub-Project Budget / Estimated	3,105,388												
REVENUES													
	0	0	0	936,223	0	0	0	0	0	0	0	936,223	2016 Water Revenue Bonds Sold
	0	0	0	0	24,725	0	0	0	0	0	0	24,725	Future WASD Revenue Bonds
	666,844	0	666,844	0	0	0	0	0	0	0	0	666,844	W Construction - 2013 Bonds
	1,477,596	0	1,477,596	0	0	0	0	0	0	0	0	1,477,596	WASD Revenue Bonds Sold
TOTAL	2,144,440	0	2,144,440	936,223	24,725	0	0	0	0	0	0	3,105,388	
EXPENDITURES													
	0	0	0	936,223	0	0	0	0	0	0	0	936,223	2016 Water Revenue Bonds Sold
	0	0	0	0	24,725	0	0	0	0	0	0	24,725	Future WASD Revenue Bonds
	0	666,844	666,844	0	0	0	0	0	0	0	0	666,844	W Construction - 2013 Bonds
	1,477,596	0	1,477,596	0	0	0	0	0	0	0	0	1,477,596	WASD Revenue Bonds Sold
TOTAL	1,477,596	666,844	2,144,440	936,223	24,725	0	0	0	0	0	0	3,105,388	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101843 W NEW NORTH DADE 16 INCH TRANSMISSION MAIN													
Commission District(s) 1													
Sub-Project Budget / Estimated	3,682,652												
REVENUES													
	0	0	0	1,730,136	0	0	0	0	0	0	0	1,730,136	2016 Water Revenue Bonds Sold
	289,761	0	289,761	0	0	0	0	0	0	0	0	289,761	Construction - 2010 Bonds
	1,662,755	0	1,662,755	0	0	0	0	0	0	0	0	1,662,755	W Construction - 2013 Bonds
TOTAL	1,952,516	0	1,952,516	1,730,136	0	0	0	0	0	0	0	3,682,652	
EXPENDITURES													
	0	0	0	1,730,136	0	0	0	0	0	0	0	1,730,136	2016 Water Revenue Bonds Sold
	289,761	0	289,761	0	0	0	0	0	0	0	0	289,761	Construction - 2010 Bonds
	230,544	1,432,211	1,662,755	0	0	0	0	0	0	0	0	1,662,755	W Construction - 2013 Bonds
TOTAL	520,305	1,432,211	1,952,516	1,730,136	0	0	0	0	0	0	0	3,682,652	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102060 W INSTALLATION OF 36/48-INCH WM ALONG S.W. 117 TO 127 AVENUE (AREA N)													
Commission District(s) 7,8,9,10,11													
Sub-Project Budget / Estimated 18,347,364													
REVENUES													
	1,928	0	1,928	0	0	0	0	0	0	0	0	1,928	Construction - 2010 Bonds
	0	0	0	0	4,000,000	0	0	0	0	0	0	4,000,000	Future WASD Revenue Bonds
	0	2,478,106	2,478,106	988,353	0	0	0	0	0	0	0	3,466,459	Plant Expansion Fund - Water
	3,742,243	0	3,742,243	0	0	0	0	0	0	0	0	3,742,243	W Construction - 2013 Bonds
	0	7,136,734	7,136,734	0	0	0	0	0	0	0	0	7,136,734	WASD Water Commercial Paper - 2015
TOTAL	3,744,171	9,614,840	13,359,011	988,353	4,000,000	0	0	0	0	0	0	18,347,364	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections								Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future			
	1,928	0	1,928	0	0	0	0	0	0	0	0	1,928	Construction - 2010 Bonds
	0	0	0	0	4,000,000	0	0	0	0	0	0	4,000,000	Future WASH Revenue Bonds
	0	0	0	3,466,459	0	0	0	0	0	0	0	3,466,459	Plant Expansion Fund - Water
	1,184,364	2,557,879	3,742,243	0	0	0	0	0	0	0	0	3,742,243	W Construction - 2013 Bonds
	0	0	0	7,136,734	0	0	0	0	0	0	0	7,136,734	WASH Water Commercial Paper - 2015
TOTAL	1,186,292	2,557,879	3,744,171	10,603,193	4,000,000	0	0	0	0	0	0	18,347,364	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.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	0	329,538	0	0	0	0	0	0	329,538	Future WASD Revenue Bonds
	588,984	0	588,984	0	0	0	0	0	0	0	0	588,984	W Construction - 2013 Bonds
	0	3,943,504	3,943,504	0	0	0	0	0	0	0	0	3,943,504	WASD Water Commercial Paper - 2015
TOTAL	588,984	3,943,504	4,532,488	0	329,538	0	0	0	0	0	0	4,862,026	

EXPENDITURES

	0	0	0	0	329,538	0	0	0	0	0	0	329,538	Future WASD Revenue Bonds
	0	588,984	588,984	0	0	0	0	0	0	0	0	588,984	W Construction - 2013 Bonds
	0	0	0	3,943,504	0	0	0	0	0	0	0	3,943,504	WASD Water Commercial Paper - 2015
TOTAL	0	588,984	588,984	3,943,504	329,538	0	0	0	0	0	0	4,862,026	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.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 101,502,733

REVENUES

	0	0	0	0	9,674,581	19,000,000	7,000,000	10,000,000	12,500,000	32,080,227	90,254,808	Future WASD Revenue Bonds
	4,702,919	5,191,158	9,894,077	0	1,353,848	0	0	0	0	0	11,247,925	Plant Expansion Fund - Water
TOTAL	4,702,919	5,191,158	9,894,077	0	11,028,429	19,000,000	7,000,000	10,000,000	12,500,000	32,080,227	101,502,733	

EXPENDITURES

	0	0	0	0	9,674,581	19,000,000	7,000,000	10,000,000	12,500,000	32,080,227	90,254,808	Future WASD Revenue Bonds
	0	2,702,919	2,702,919	7,191,158	1,353,848	0	0	0	0	0	11,247,925	Plant Expansion Fund - Water
TOTAL	0	2,702,919	2,702,919	7,191,158	11,028,429	19,000,000	7,000,000	10,000,000	12,500,000	32,080,227	101,502,733	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1063. WATER SYSTEM FIRE HYDRANT INSTALLATION

Commission District(s) Systemwide

OSBM No. 9653461

	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future			
61,477,784														
REVENUES														
	34,977,784	2,000,000	36,977,784	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	61,477,784	Fire Hydrant Fund	
TOTAL	34,977,784.0	2,000,000	36,977,784	3,500,000.0	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	61,477,784		
EXPENDITURES														
	32,883,647	3,370,000	36,253,647	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	4,224,137	61,477,784	Fire Hydrant Fund		
TOTAL	32,883,647.0	3,370,000	36,253,647	3,500,000.0	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	4,224,137	61,477,784			

.100789 W FIRE HYDRANT INSTALLATION AND RELATED SYSTEM BETTERMENTS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **61,477,784**

REVENUES													
	34,977,784	2,000,000	36,977,784	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	61,477,784	Fire Hydrant Fund
TOTAL	34,977,784	2,000,000	36,977,784	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	61,477,784	
EXPENDITURES													
	32,883,647	3,370,000	36,253,647	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	4,224,137	61,477,784	Fire Hydrant Fund	
TOTAL	32,883,647	3,370,000	36,253,647	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	4,224,137	61,477,784		



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	329,501,533												
REVENUES													
		52,426	0	52,426	0	0	0	0	0	0	0	52,426	Construction - 2010 Bonds
		0	0	0	0	750,000	1,850,000	3,362,863	7,842,361	12,712,833	223,083,920	249,601,977	Future WASD Revenue Bonds
		28,907,581	13,897,517	42,805,098	5,842,032	5,200,000	5,200,000	5,200,000	5,200,000	5,200,000	5,200,000	79,847,130	Water Renewal & Replacement Fund
TOTAL		28,960,007.0	13,897,517	42,857,524	5,842,032.0	5,950,000	7,050,000	8,562,863	13,042,361	17,912,833	228,283,920	329,501,533	
EXPENDITURES													
		52,426	0	52,426	0	0	0	0	0	0	0	52,426	Construction - 2010 Bonds
		0	0	0	0	750,000	1,850,000	3,362,863	7,842,361	12,712,833	223,083,920	249,601,977	Future WASD Revenue Bonds
		15,595,501	20,055,552	35,651,053	12,996,077	5,200,000	5,200,000	5,200,000	5,200,000	5,200,000	5,200,000	79,847,130	Water Renewal & Replacement Fund
TOTAL		15,647,927.4	20,055,552	35,703,479	12,996,077.0	5,950,000	7,050,000	8,562,863	13,042,361	17,912,833	228,283,920	329,501,533	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1064. WATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650141

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
.100790 W MISCELLANEOUS TOOLS AND EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 31,532,561													
REVENUES													
	52,426	0	52,426	0	0	0	0	0	0	0	0	52,426	Construction - 2010 Bonds
	21,280,135	0	21,280,135	0	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	31,480,135	Water Renewal & Replacement Fund
TOTAL	21,332,561	0	21,332,561	0	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	31,532,561	
EXPENDITURES													
	52,426	0	52,426	0	0	0	0	0	0	0	0	52,426	Construction - 2010 Bonds
	13,594,295	3,870,690	17,464,985	3,815,150	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	31,480,135	Water Renewal & Replacement Fund
TOTAL	13,646,721	3,870,690	17,517,411	3,815,150	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	31,532,561	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1064. WATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650141

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.101724 W HEAVY CONSTRUCTION EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 29,809,323													
REVENUES													
	1,437,416	13,529,875	14,967,291	5,842,032	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	29,809,323	Water Renewal & Replacement Fund
TOTAL	1,437,416	13,529,875	14,967,291	5,842,032	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	29,809,323	
EXPENDITURES													
	1,437,416	13,529,875	14,967,291	5,842,032	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	29,809,323	Water Renewal & Replacement Fund
TOTAL	1,437,416	13,529,875	14,967,291	5,842,032	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	29,809,323	
.101725 W VEHICLES/TRANSPORTATION EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 18,190,030													
REVENUES													
	6,190,030	0	6,190,030	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,190,030	Water Renewal & Replacement Fund
TOTAL	6,190,030	0	6,190,030	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,190,030	
EXPENDITURES													
	563,790	2,407,578	2,971,368	3,218,662	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,190,030	Water Renewal & Replacement Fund
TOTAL	563,790	2,407,578	2,971,368	3,218,662	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	18,190,030	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1064. WATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650141

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102027 W AUTOMATED METER READING (AMR)													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 249,969,619													
REVENUES													
	0	0	0	0	750,000	1,850,000	3,362,863	7,842,361	12,712,833	223,083,920	249,601,977	Future WASD Revenue Bonds	
	0	367,642	367,642	0	0	0	0	0	0	0	367,642	Water Renewal & Replacement Fund	
TOTAL	0	367,642	367,642	0	750,000	1,850,000	3,362,863	7,842,361	12,712,833	223,083,920	249,969,619		
EXPENDITURES													
	0	0	0	0	750,000	1,850,000	3,362,863	7,842,361	12,712,833	223,083,920	249,601,977	Future WASD Revenue Bonds	
	0	247,409	247,409	120,233	0	0	0	0	0	0	367,642	Water Renewal & Replacement Fund	
TOTAL	0	247,409	247,409	120,233	750,000	1,850,000	3,362,863	7,842,361	12,712,833	223,083,920	249,969,619		



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	27,860,306												
REVENUES													
		10,835,762	2,723,021	13,558,783	3,639,001	3,460,893	2,811,476	2,980,556	647,339	160,000	602,258	27,860,306	General Obligation Bonds
TOTAL		10,835,762.0	2,723,021	13,558,783	3,639,001.0	3,460,893	2,811,476	2,980,556	647,339	160,000	602,258	27,860,306	
EXPENDITURES													
		10,835,762	2,723,021	13,558,783	3,639,001	3,460,893	2,811,476	2,980,556	647,339	160,000	602,258	27,860,306	General Obligation Bonds
TOTAL		10,835,762.0	2,723,021	13,558,783	3,639,001.0	3,460,893	2,811,476	2,980,556	647,339	160,000	602,258	27,860,306	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1065. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 111111

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.101592 W NW 37TH AVENUE - WATER MAINS IMPROVEMENTS NORTH OF 12 ST.													
Commission District(s) 9													
Sub-Project Budget / Estimated	5,110,500												
REVENUES													
	1,308,971	1,000,000	2,308,971	1,081,000	924,054	370,000	426,475	0	0	0	5,110,500	General Obligation Bonds	
TOTAL	1,308,971	1,000,000	2,308,971	1,081,000	924,054	370,000	426,475	0	0	0	5,110,500		
EXPENDITURES													
	1,308,971	1,000,000	2,308,971	1,081,000	924,054	370,000	426,475	0	0	0	5,110,500	General Obligation Bonds	
TOTAL	1,308,971	1,000,000	2,308,971	1,081,000	924,054	370,000	426,475	0	0	0	5,110,500		
.101601 W WATER DISTRIBUTION SYSTEM ENHANCEMENTS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	8,633,759												
REVENUES													
	4,309,896	844,132	5,154,028	1,082,050	432,489	397,303	598,292	367,339	0	602,258	8,633,759	General Obligation Bonds	
TOTAL	4,309,896	844,132	5,154,028	1,082,050	432,489	397,303	598,292	367,339	0	602,258	8,633,759		
EXPENDITURES													
	4,309,896	844,132	5,154,028	1,082,050	432,489	397,303	598,292	367,339	0	602,258	8,633,759	General Obligation Bonds	
TOTAL	4,309,896	844,132	5,154,028	1,082,050	432,489	397,303	598,292	367,339	0	602,258	8,633,759		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1065. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 111111

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.101602 W WATER DISTRIBUTION SYSTEM NEEDS ASSESSMENT

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **14,116,047**

REVENUES

	5,216,895	878,889	6,095,784	1,475,951	2,104,350	2,044,173	1,955,789	280,000	160,000	0	14,116,047	General Obligation Bonds
--	-----------	---------	-----------	-----------	-----------	-----------	-----------	---------	---------	---	------------	--------------------------

TOTAL	5,216,895	878,889	6,095,784	1,475,951	2,104,350	2,044,173	1,955,789	280,000	160,000	0	14,116,047	
--------------	------------------	----------------	------------------	------------------	------------------	------------------	------------------	----------------	----------------	----------	-------------------	--

EXPENDITURES

	5,216,895	878,889	6,095,784	1,475,951	2,104,350	2,044,173	1,955,789	280,000	160,000	0	14,116,047	General Obligation Bonds
--	-----------	---------	-----------	-----------	-----------	-----------	-----------	---------	---------	---	------------	--------------------------

TOTAL	5,216,895	878,889	6,095,784	1,475,951	2,104,350	2,044,173	1,955,789	280,000	160,000	0	14,116,047	
--------------	------------------	----------------	------------------	------------------	------------------	------------------	------------------	----------------	----------------	----------	-------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	45,844,814												
REVENUES													
		0	0	0	5,500,000	0	0	0	0	0	0	5,500,000	2016 Water Revenue Bonds Sold
		336,650	0	336,650	0	0	0	0	0	0	0	336,650	Construction - 2010 Bonds
		0	0	0	0	4,045,104	5,515,978	0	0	0	0	9,561,082	Future WASD Revenue Bonds
		2,752,823	0	2,752,823	0	0	0	0	0	0	0	2,752,823	W Construction - 2013 Bonds
		10,596,634	2,097,625	12,694,259	0	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	27,694,259	Water Renewal & Replacement Fund
TOTAL		13,686,107.0	2,097,625	15,783,732	5,500,000.0	6,545,104	8,015,978	2,500,000	2,500,000	2,500,000	2,500,000	45,844,814	
EXPENDITURES													
		0	0	0	5,500,000	0	0	0	0	0	0	5,500,000	2016 Water Revenue Bonds Sold
		336,650	0	336,650	0	0	0	0	0	0	0	336,650	Construction - 2010 Bonds
		0	0	0	0	4,045,104	5,515,978	0	0	0	0	9,561,082	Future WASD Revenue Bonds
		2,823	2,750,000	2,752,823	0	0	0	0	0	0	0	2,752,823	W Construction - 2013 Bonds
		4,031,759	6,480,000	10,511,759	2,182,500	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	27,694,259	Water Renewal & Replacement Fund
TOTAL		4,371,232.9	9,230,000	13,601,233	7,682,500.0	6,545,104	8,015,978	2,500,000	2,500,000	2,500,000	2,500,000	45,844,815	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1066. WATER TREATMENT PLANTS REPLACEMENT AND RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650161

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.100792 W WATER PLANTS REHABILITATION

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 29,886,330

REVENUES

	0	0	0	4,500,000	0	0	0	0	0	0	4,500,000	2016 Water Revenue Bonds Sold
	336,650	0	336,650	0	0	0	0	0	0	0	336,650	Construction - 2010 Bonds
	0	0	0	0	3,500,000	4,970,874	0	0	0	0	8,470,874	Future WASD Revenue Bonds
	2,823	0	2,823	0	0	0	0	0	0	0	2,823	W Construction - 2013 Bonds
	7,575,983	0	7,575,983	0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	16,575,983	Water Renewal & Replacement Fund
TOTAL	7,915,456	0	7,915,456	4,500,000	5,000,000	6,470,874	1,500,000	1,500,000	1,500,000	1,500,000	29,886,330	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1066. WATER TREATMENT PLANTS REPLACEMENT AND RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650161

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
	0	0	0	4,500,000	0	0	0	0	0	0	0	4,500,000	2016 Water Revenue Bonds Sold
	336,650	0	336,650	0	0	0	0	0	0	0	0	336,650	Construction - 2010 Bonds
	0	0	0	0	3,500,000	4,970,874	0	0	0	0	0	8,470,874	Future WASD Revenue Bonds
	2,823	0	2,823	0	0	0	0	0	0	0	0	2,823	W Construction - 2013 Bonds
	3,702,483	2,046,000	5,748,483	1,827,500	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	16,575,983	Water Renewal & Replacement Fund
TOTAL	4,041,957	2,046,000	6,087,957	6,327,500	5,000,000	6,470,874	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	29,886,331	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101714 W SECURITY PROJECTS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 15,408,484													
REVENUES													
	0	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000	2016 Water Revenue Bonds Sold
	0	0	0	0	545,104	545,104	0	0	0	0	0	1,090,208	Future WASD Revenue Bonds
	2,200,000	0	2,200,000	0	0	0	0	0	0	0	0	2,200,000	W Construction - 2013 Bonds
	3,020,651	2,097,625	5,118,276	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	11,118,276	Water Renewal & Replacement Fund
TOTAL	5,220,651	2,097,625	7,318,276	1,000,000	1,545,104	1,545,104	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	15,408,484	
EXPENDITURES													
	0	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000	2016 Water Revenue Bonds Sold
	0	0	0	0	545,104	545,104	0	0	0	0	0	1,090,208	Future WASD Revenue Bonds
	0	2,200,000	2,200,000	0	0	0	0	0	0	0	0	2,200,000	W Construction - 2013 Bonds
	329,276	4,434,000	4,763,276	355,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	11,118,276	Water Renewal & Replacement Fund
TOTAL	329,276	6,634,000	6,963,276	1,355,000	1,545,104	1,545,104	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	15,408,484	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1066. WATER TREATMENT PLANTS REPLACEMENT AND RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650161

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	

.101728 W TANK CLEANING IMPROVEMENT PROJECT FOR WATER TREATMENT PLANTS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **550,000**

REVENUES

	550,000	0	550,000	0	0	0	0	0	0	0	0	550,000	W Construction - 2013 Bonds
--	---------	---	---------	---	---	---	---	---	---	---	---	---------	-----------------------------

TOTAL	550,000	0	550,000	0	0	0	0	0	0	0	0	550,000	
--------------	----------------	----------	----------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	--

EXPENDITURES

	0	550,000	550,000	0	0	0	0	0	0	0	0	550,000	W Construction - 2013 Bonds
--	---	---------	---------	---	---	---	---	---	---	---	---	---------	-----------------------------

TOTAL	0	550,000	550,000	0	0	0	0	0	0	0	0	550,000	
--------------	----------	----------------	----------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	146,174,597												
REVENUES													
		5,899,917	0	5,899,917	0	0	0	0	0	0	0	5,899,917	Construction - 2010 Bonds
		693,318	0	693,318	0	0	0	0	0	0	0	693,318	W Construction - 2013 Bonds
		15,690,283	18,004,858	33,695,141	15,886,221	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	139,581,362	Water Renewal & Replacement Fund
TOTAL		22,283,518.0	18,004,858	40,288,376	15,886,221.0	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	146,174,597	
EXPENDITURES													
		5,899,917	0	5,899,917	0	0	0	0	0	0	0	5,899,917	Construction - 2010 Bonds
		0	693,318	693,318	0	0	0	0	0	0	0	693,318	W Construction - 2013 Bonds
		13,806,004	18,004,858	31,810,862	17,770,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	139,581,362	Water Renewal & Replacement Fund
TOTAL		19,705,921.1	18,698,176	38,404,097	17,770,500.0	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	146,174,597	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1067. WATER SYSTEM MAINTENANCE AND UPGRADES

Commission District(s) Systemwide

OSBM No. 9650181

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
.100793 W WATER SYSTEM UPGRADES														
Commission District(s) COUNTYWIDE														
Sub-Project Budget / Estimated 146,174,597														
REVENUES														
	5,899,917	0	5,899,917	0	0	0	0	0	0	0	0	5,899,917	Construction - 2010 Bonds	
	693,318	0	693,318	0	0	0	0	0	0	0	0	693,318	W Construction - 2013 Bonds	
	15,690,283	18,004,858	33,695,141	15,886,221	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	139,581,362	Water Renewal & Replacement Fund	
TOTAL	22,283,518	18,004,858	40,288,376	15,886,221	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	146,174,597		
EXPENDITURES														
	5,899,917	0	5,899,917	0	0	0	0	0	0	0	0	5,899,917	Construction - 2010 Bonds	
	0	693,318	693,318	0	0	0	0	0	0	0	0	693,318	W Construction - 2013 Bonds	
	13,806,004	18,004,858	31,810,862	17,770,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	139,581,362	Water Renewal & Replacement Fund	
TOTAL	19,705,921	18,698,176	38,404,097	17,770,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	146,174,597		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1070. AUTOMATION OF WATER TREATMENT PLANTS

Commission District(s) Systemwide

OSBM No. 963110

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
	2,246,784													
REVENUES														
		0	0	0	330,340	0	0	0	0	0	0	330,340	2016 Water Revenue Bonds Sold	
	1,916,444		0	1,916,444	0	0	0	0	0	0	0	1,916,444	W Construction - 2013 Bonds	
TOTAL	1,916,444.0	0	1,916,444	330,340.0	0	0	0	0	0	0	0	2,246,784		
EXPENDITURES														
		0	0	0	330,340	0	0	0	0	0	0	330,340	2016 Water Revenue Bonds Sold	
	0	1,916,444	1,916,444	0	0	0	0	0	0	0	0	1,916,444	W Construction - 2013 Bonds	
TOTAL	0.0	1,916,444	1,916,444	330,340.0	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														
		0	0	0	330,340	0	0	0	0	0	0	330,340	2016 Water Revenue Bonds Sold	
	1,916,444		0	1,916,444	0	0	0	0	0	0	0	1,916,444	W Construction - 2013 Bonds	
TOTAL	1,916,444	0	1,916,444	330,340	0	0	0	0	0	0	0	2,246,784		
EXPENDITURES														
		0	0	0	330,340	0	0	0	0	0	0	330,340	2016 Water Revenue Bonds Sold	
	0	1,916,444	1,916,444	0	0	0	0	0	0	0	0	1,916,444	W Construction - 2013 Bonds	
TOTAL	0	1,916,444	1,916,444	330,340	0	0	0	0	0	0	0	2,246,784		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1072. WATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9610960

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	21,638,737												
REVENUES													
		0	0	0	2,500,000	0	0	0	0	0	0	2,500,000	2016 Water Revenue Bonds Sold
		0	0	0	0	8,032,179	7,366,591	126,627	0	0	0	15,525,397	Future WASD Revenue Bonds
		2,934,115	0	2,934,115	0	0	0	0	0	0	0	2,934,115	W Construction - 2013 Bonds
		344,111	0	344,111	0	0	0	0	0	0	0	344,111	Water Construction Fund
		335,114	0	335,114	0	0	0	0	0	0	0	335,114	Water Renewal & Replacement Fund
TOTAL		3,613,340.0	0	3,613,340	2,500,000.0	8,032,179	7,366,591	126,627	0	0	0	21,638,737	
EXPENDITURES													
		0	0	0	2,500,000	0	0	0	0	0	0	2,500,000	2016 Water Revenue Bonds Sold
		0	0	0	0	8,032,179	7,366,591	126,627	0	0	0	15,525,397	Future WASD Revenue Bonds
		1,512,479	1,421,637	2,934,116	0	0	0	0	0	0	0	2,934,116	W Construction - 2013 Bonds
		344,111	0	344,111	0	0	0	0	0	0	0	344,111	Water Construction Fund
		335,114	0	335,114	0	0	0	0	0	0	0	335,114	Water Renewal & Replacement Fund
TOTAL		2,191,704.0	1,421,637	3,613,341	2,500,000.0	8,032,179	7,366,591	126,627	0	0	0	21,638,738	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1072. WATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9610960

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101581 W WTP - ELECTRICAL UPGRADES													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 12,217,411													
REVENUES													
	0	0	0	500,000	0	0	0	0	0	0	0	500,000	2016 Water Revenue Bonds Sold
	0	0	0	0	3,522,179	6,366,591	126,627	0	0	0	0	10,015,397	Future WASD Revenue Bonds
	1,357,903	0	1,357,903	0	0	0	0	0	0	0	0	1,357,903	W Construction - 2013 Bonds
	344,111	0	344,111	0	0	0	0	0	0	0	0	344,111	Water Construction Fund
TOTAL	1,702,014	0	1,702,014	500,000	3,522,179	6,366,591	126,627	0	0	0	0	12,217,411	
EXPENDITURES													
	0	0	0	500,000	0	0	0	0	0	0	0	500,000	2016 Water Revenue Bonds Sold
	0	0	0	0	3,522,179	6,366,591	126,627	0	0	0	0	10,015,397	Future WASD Revenue Bonds
	1,229,090	128,813	1,357,903	0	0	0	0	0	0	0	0	1,357,903	W Construction - 2013 Bonds
	344,111	0	344,111	0	0	0	0	0	0	0	0	344,111	Water Construction Fund
TOTAL	1,573,201	128,813	1,702,014	500,000	3,522,179	6,366,591	126,627	0	0	0	0	12,217,411	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1072. WATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9610960

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.101880 W REPLACE AND UPGRADE ELECTRICAL GENERATOR AT ALL WTPs													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	9,421,326												
REVENUES													
	0	0	0	2,000,000	0	0	0	0	0	0	0	2,000,000	2016 Water Revenue Bonds Sold
	0	0	0	0	4,510,000	1,000,000	0	0	0	0	0	5,510,000	Future WASD Revenue Bonds
	1,576,212	0	1,576,212	0	0	0	0	0	0	0	0	1,576,212	W Construction - 2013 Bonds
	335,114	0	335,114	0	0	0	0	0	0	0	0	335,114	Water Renewal & Replacement Fund
TOTAL	1,911,326	0	1,911,326	2,000,000	4,510,000	1,000,000	0	0	0	0	0	9,421,326	
EXPENDITURES													
	0	0	0	2,000,000	0	0	0	0	0	0	0	2,000,000	2016 Water Revenue Bonds Sold
	0	0	0	0	4,510,000	1,000,000	0	0	0	0	0	5,510,000	Future WASD Revenue Bonds
	283,388	1,292,824	1,576,212	0	0	0	0	0	0	0	0	1,576,212	W Construction - 2013 Bonds
	335,114	0	335,114	0	0	0	0	0	0	0	0	335,114	Water Renewal & Replacement Fund
TOTAL	618,503	1,292,824	1,911,327	2,000,000	4,510,000	1,000,000	0	0	0	0	0	9,421,327	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	516,530,529												
REVENUES													
		0	0	0	610,154	0	0	0	0	0	0	610,154	2016 Water Revenue Bonds Sold
		0	0	0	0	2,691,680	17,364,289	33,066,085	76,454,440	61,271,024	303,017,628	493,865,146	Future WASD Revenue Bonds
		20,978,788	0	20,978,788	0	0	0	0	0	0	0	20,978,788	Rock Mining Mitigation Fees
		1,076,441	0	1,076,441	0	0	0	0	0	0	0	1,076,441	Water Renewal & Replacement Fund
TOTAL		22,055,229.0	0	22,055,229	610,154.0	2,691,680	17,364,289	33,066,085	76,454,440	61,271,024	303,017,628	516,530,529	
EXPENDITURES													
		0	0	0	610,154	0	0	0	0	0	0	610,154	2016 Water Revenue Bonds Sold
		0	0	0	0	2,691,680	17,364,289	33,066,085	76,454,440	61,271,024	303,017,628	493,865,146	Future WASD Revenue Bonds
		13,200,885	0	13,200,885	2,539,370	5,238,533	0	0	0	0	0	20,978,788	Rock Mining Mitigation Fees
		375,453	700,988	1,076,441	0	0	0	0	0	0	0	1,076,441	Water Renewal & Replacement Fund
TOTAL		13,576,337.4	700,988	14,277,325	3,149,524.0	7,930,213	17,364,289	33,066,085	76,454,440	61,271,024	303,017,628	516,530,528	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1075. SAFE DRINKING WATER ACT MODIFICATIONS - SWT RULE AND D-DBP

Commission District(s) Systemwide

OSBM No. 9654061

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.101407 W PRESTON WTP - IMPROVEMENTS TO FILTERS

Commission District(s) 6

Sub-Project Budget / Estimated **9,880,000**

REVENUES

0	0	0	0	0	0	1,013,493	2,582,610	6,283,897	0	0	9,880,000	Future WASD Revenue Bonds
---	---	---	---	---	---	-----------	-----------	-----------	---	---	-----------	------------------------------

TOTAL	0	0	0	0	0	1,013,493	2,582,610	6,283,897	0	0	9,880,000	
--------------	----------	----------	----------	----------	----------	------------------	------------------	------------------	----------	----------	------------------	--

EXPENDITURES

0	0	0	0	0	0	1,013,493	2,582,610	6,283,897	0	0	9,880,000	Future WASD Revenue Bonds
---	---	---	---	---	---	-----------	-----------	-----------	---	---	-----------	------------------------------

TOTAL	0	0	0	0	0	1,013,493	2,582,610	6,283,897	0	0	9,880,000	
--------------	----------	----------	----------	----------	----------	------------------	------------------	------------------	----------	----------	------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.101546 W WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS

Commission District(s) 6,7

Sub-Project Budget / Estimated **460,824,088**

REVENUES

	0	0	0	0	906,365	12,138,186	15,341,834	50,170,543	59,444,098	301,844,274	439,845,300	Future WASH Revenue Bonds
	20,978,788	0	20,978,788	0	0	0	0	0	0	0	20,978,788	Rock Mining Mitigation Fees
TOTAL	20,978,788	0	20,978,788	0	906,365	12,138,186	15,341,834	50,170,543	59,444,098	301,844,274	460,824,088	

EXPENDITURES

	0	0	0	0	906,365	12,138,186	15,341,834	50,170,543	59,444,098	301,844,274	439,845,300	Future WASH Revenue Bonds
	13,200,885	0	13,200,885	2,539,370	5,238,533	0	0	0	0	0	20,978,788	Rock Mining Mitigation Fees
TOTAL	13,200,885	0	13,200,885	2,539,370	6,144,898	12,138,186	15,341,834	50,170,543	59,444,098	301,844,274	460,824,088	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.101891 W NEW NWWF HIGH SERVICE PUMP STATION													
Commission District(s) 6,7													
Sub-Project Budget / Estimated 43,250,000													
REVENUES													
	0	0	0	610,154	0	0	0	0	0	0	0	610,154	2016 Water Revenue Bonds Sold
	0	0	0	0	1,785,315	4,212,610	15,141,641	20,000,000	1,500,280	0	0	42,639,846	Future WASD Revenue Bonds
TOTAL	0	0	0	610,154	1,785,315	4,212,610	15,141,641	20,000,000	1,500,280	0	0	43,250,000	
EXPENDITURES													
	0	0	0	610,154	0	0	0	0	0	0	0	610,154	2016 Water Revenue Bonds Sold
	0	0	0	0	1,785,315	4,212,610	15,141,641	20,000,000	1,500,280	0	0	42,639,846	Future WASD Revenue Bonds
TOTAL	0	0	0	610,154	1,785,315	4,212,610	15,141,641	20,000,000	1,500,280	0	0	43,250,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102135 W MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1													
Commission District(s) 6													
Sub-Project Budget / Estimated	1,076,441												
REVENUES													
	1,076,441	0	1,076,441	0	0	0	0	0	0	0	0	1,076,441	Water Renewal & Replacement Fund
TOTAL	1,076,441	0	1,076,441	0	0	0	0	0	0	0	0	1,076,441	
EXPENDITURES													
	375,453	700,988	1,076,441	0	0	0	0	0	0	0	0	1,076,441	Water Renewal & Replacement Fund
TOTAL	375,453	700,988	1,076,441	0	0	0	0	0	0	0	0	1,076,441	
.102172 W NW WELLFIELD ELECTRICAL DUCT BANK AND FEEDER													
Commission District(s)													
Sub-Project Budget / Estimated	750,000												
REVENUES													
	0	0	0	0	0	0	0	0	0	244,604	505,396	750,000	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	244,604	505,396	750,000	
EXPENDITURES													
	0	0	0	0	0	0	0	0	0	244,604	505,396	750,000	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	244,604	505,396	750,000	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102176 W MONITORING WELL INSTALLATION

Commission District(s)

Sub-Project Budget / Estimated **750,000**

REVENUES

0	0	0	0	0	0	0	0	0	82,042	667,958	750,000	Future WASHD Revenue Bonds
---	---	---	---	---	---	---	---	---	--------	---------	---------	-------------------------------

TOTAL	0	0	0	0	0	0	0	0	82,042	667,958	750,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	---------------	----------------	----------------	--

EXPENDITURES

0	0	0	0	0	0	0	0	0	82,042	667,958	750,000	Future WASHD Revenue Bonds
---	---	---	---	---	---	---	---	---	--------	---------	---------	-------------------------------

TOTAL	0	0	0	0	0	0	0	0	82,042	667,958	750,000	
--------------	----------	----------	----------	----------	----------	----------	----------	----------	---------------	----------------	----------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	279,045,288												
REVENUES													
		0	0	0	1,500,000	0	0	0	0	0	0	1,500,000	2016 Water Revenue Bonds Sold
		0	0	0	0	5,926,141	6,032,757	11,211,427	21,370,990	54,542,689	144,455,504	243,539,508	Future WASD Revenue Bonds
		15,257,062	0	15,257,062	0	0	0	0	0	0	0	15,257,062	W Construction - 2013 Bonds
		0	18,748,718	18,748,718	0	0	0	0	0	0	0	18,748,718	WASD Water Commercial Paper - 2015
TOTAL		15,257,062.0	18,748,718	34,005,780	1,500,000.0	5,926,141	6,032,757	11,211,427	21,370,990	54,542,689	144,455,504	279,045,288	
EXPENDITURES													
		0	0	0	1,500,000	0	0	0	0	0	0	1,500,000	2016 Water Revenue Bonds Sold
		0	0	0	0	5,926,141	6,032,757	11,211,427	21,370,990	54,542,689	144,455,504	243,539,508	Future WASD Revenue Bonds
		29,648	15,227,414	15,257,062	0	0	0	0	0	0	0	15,257,062	W Construction - 2013 Bonds
		0	0	0	18,748,718	0	0	0	0	0	0	18,748,718	WASD Water Commercial Paper - 2015
TOTAL		29,648.4	15,227,414	15,257,062	20,248,718.0	5,926,141	6,032,757	11,211,427	21,370,990	54,542,689	144,455,504	279,045,288	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1077. SOUTH MIAMI HEIGHTS WATER TREATMENT PLANT AND WELLFIELD

Commission District(s) **9**

OSBM No. **9652821**

	Prior			Projections								Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		
.101364 W SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT													
Commission District(s) 9													
Sub-Project Budget / Estimated 221,735,000													
REVENUES													
		0	0	0	1,500,000	0	0	0	0	0	0	1,500,000	2016 Water Revenue Bonds Sold
		0	0	0	0	2,800,000	3,800,000	6,815,838	21,220,969	54,542,689	129,155,504	218,335,000	Future WASD Revenue Bonds
	1,900,000	0	1,900,000	0	0	0	0	0	0	0	0	1,900,000	W Construction - 2013 Bonds
TOTAL	1,900,000	0	1,900,000	1,500,000	2,800,000	3,800,000	6,815,838	21,220,969	54,542,689	129,155,504	221,735,000		
EXPENDITURES													
		0	0	0	1,500,000	0	0	0	0	0	0	1,500,000	2016 Water Revenue Bonds Sold
		0	0	0	0	2,800,000	3,800,000	6,815,838	21,220,969	54,542,689	129,155,504	218,335,000	Future WASD Revenue Bonds
	3,871	1,896,129	1,900,000	0	0	0	0	0	0	0	0	1,900,000	W Construction - 2013 Bonds
TOTAL	3,871	1,896,129	1,900,000	1,500,000	2,800,000	3,800,000	6,815,838	21,220,969	54,542,689	129,155,504	221,735,000		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1077. SOUTH MIAMI HEIGHTS WATER TREATMENT PLANT AND WELLFIELD

Commission District(s) **9**

OSBM No. **9652821**

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102021 W SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN													
Commission District(s) 9													
Sub-Project Budget / Estimated 57,310,288													
REVENUES													
		0	0	0	0	3,126,141	2,232,757	4,395,589	150,021	0	15,300,000	25,204,508	Future WASD Revenue Bonds
	13,357,062		0	13,357,062	0	0	0	0	0	0	0	13,357,062	W Construction - 2013 Bonds
	0	18,748,718		18,748,718	0	0	0	0	0	0	0	18,748,718	WASD Water Commercial Paper - 2015
TOTAL	13,357,062	18,748,718		32,105,780	0	3,126,141	2,232,757	4,395,589	150,021	0	15,300,000	57,310,288	
EXPENDITURES													
		0	0	0	0	3,126,141	2,232,757	4,395,589	150,021	0	15,300,000	25,204,508	Future WASD Revenue Bonds
	25,777	13,331,285		13,357,062	0	0	0	0	0	0	0	13,357,062	W Construction - 2013 Bonds
	0	0		0	18,748,718	0	0	0	0	0	0	18,748,718	WASD Water Commercial Paper - 2015
TOTAL	25,777	13,331,285		13,357,062	18,748,718	3,126,141	2,232,757	4,395,589	150,021	0	15,300,000	57,310,288	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1078. WATER TELEMETERING SYSTEM ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9656780

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	3,223,655												
REVENUES													
		1,423,655	0	1,423,655	0	300,000	300,000	300,000	300,000	300,000	300,000	3,223,655	Water Renewal & Replacement Fund
TOTAL	1,423,655.0	0	1,423,655	0.0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,223,655	
EXPENDITURES													
		332,657	410,000	742,657	680,998	300,000	300,000	300,000	300,000	300,000	300,000	3,223,655	Water Renewal & Replacement Fund
TOTAL	332,657.0	410,000	742,657	680,998.0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,223,655	

.101368 W TELEMETERING SYSTEM - WATER

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 3,223,655

REVENUES													
		1,423,655	0	1,423,655	0	300,000	300,000	300,000	300,000	300,000	300,000	3,223,655	Water Renewal & Replacement Fund
TOTAL	1,423,655	0	1,423,655	0	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,223,655	
EXPENDITURES													
		332,657	410,000	742,657	680,998	300,000	300,000	300,000	300,000	300,000	300,000	3,223,655	Water Renewal & Replacement Fund
TOTAL	332,657	410,000	742,657	680,998	300,000	300,000	300,000	300,000	300,000	300,000	300,000	3,223,655	



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	6,390,314												
REVENUES													
		2,084,593	1,005,721	3,090,314	3,300,000	0	0	0	0	0	0	6,390,314	Plant Expansion Fund - Water
TOTAL		2,084,593.0	1,005,721	3,090,314	3,300,000.0	0	0	0	0	0	0	6,390,314	
EXPENDITURES													
		1,384,593	1,005,721	2,390,314	4,000,000	0	0	0	0	0	0	6,390,314	Plant Expansion Fund - Water
TOTAL		1,384,593.4	1,005,721	2,390,314	4,000,000.0	0	0	0	0	0	0	6,390,314	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.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 **2,390,314**

REVENUES

	1,384,593	1,005,721	2,390,314	0	0	0	0	0	0	0	0	2,390,314	Plant Expansion Fund - Water
--	-----------	-----------	-----------	---	---	---	---	---	---	---	---	-----------	---------------------------------

TOTAL	1,384,593	1,005,721	2,390,314	0	0	0	0	0	0	0	0	2,390,314	
--------------	------------------	------------------	------------------	----------	----------	----------	----------	----------	----------	----------	----------	------------------	--

EXPENDITURES

	1,384,593	305,721	1,690,314	700,000	0	0	0	0	0	0	0	2,390,314	Plant Expansion Fund - Water
--	-----------	---------	-----------	---------	---	---	---	---	---	---	---	-----------	---------------------------------

TOTAL	1,384,593	305,721	1,690,314	700,000	0	0	0	0	0	0	0	2,390,314	
--------------	------------------	----------------	------------------	----------------	----------	----------	----------	----------	----------	----------	----------	------------------	--

.102182 W CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP

Commission District(s) 6

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

REVENUES

	700,000	0	700,000	3,300,000	0	0	0	0	0	0	0	4,000,000	Plant Expansion Fund - Water
--	---------	---	---------	-----------	---	---	---	---	---	---	---	-----------	---------------------------------

TOTAL	700,000	0	700,000	3,300,000	0	0	0	0	0	0	0	4,000,000	
--------------	----------------	----------	----------------	------------------	----------	----------	----------	----------	----------	----------	----------	------------------	--

EXPENDITURES

	0	700,000	700,000	3,300,000	0	0	0	0	0	0	0	4,000,000	Plant Expansion Fund - Water
--	---	---------	---------	-----------	---	---	---	---	---	---	---	-----------	---------------------------------

TOTAL	0	700,000	700,000	3,300,000	0	0	0	0	0	0	0	4,000,000	
--------------	----------	----------------	----------------	------------------	----------	----------	----------	----------	----------	----------	----------	------------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future			
5,962,941														
REVENUES														
	5,962,941	0	5,962,941	0	0	0	0	0	0	0	0	5,962,941	Miami Springs Construction Fund	
TOTAL	5,962,941.0	0	5,962,941	0.0	0	0	0	0	0	0	0	5,962,941		
EXPENDITURES														
	602,944	746,161	1,349,105	4,123,304	490,532	0	0	0	0	0	0	5,962,941	Miami Springs Construction Fund	
TOTAL	602,943.7	746,161	1,349,105	4,123,304.0	490,532	0	0	0	0	0	0	5,962,941		

.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 **5,962,941**

REVENUES														
	5,962,941	0	5,962,941	0	0	0	0	0	0	0	0	5,962,941	Miami Springs Construction Fund	
TOTAL	5,962,941	0	5,962,941	0	0	0	0	0	0	0	0	5,962,941		
EXPENDITURES														
	602,944	746,161	1,349,105	4,123,304	490,532	0	0	0	0	0	0	5,962,941	Miami Springs Construction Fund	
TOTAL	602,944	746,161	1,349,105	4,123,304	490,532	0	0	0	0	0	0	5,962,941		



Miami-Dade Water and Sewer Department
2016 - 2022 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 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
	101,328,665												
REVENUES													
		0	0	0	1,751,856	0	0	0	0	0	0	1,751,856	2016 Water Revenue Bonds Sold
	14,875,793		0	14,875,793	0	0	0	0	0	0	0	14,875,793	Construction - 2010 Bonds
	0	0	0	0	0	6,047,250	11,156,877	0	0	0	0	17,204,127	Future WASD Revenue Bonds
	534,395		0	534,395	0	0	0	0	0	0	0	534,395	W Construction - 2013 Bonds
	9,601,774	1,360,720	10,962,494	10,962,494	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	66,962,494	Water Renewal & Replacement Fund
TOTAL	25,011,962.0	1,360,720	1,360,720	26,372,682	9,751,856.0	14,047,250	19,156,877	8,000,000	8,000,000	8,000,000	8,000,000	101,328,665	
EXPENDITURES													
		0	0	0	1,751,856	0	0	0	0	0	0	1,751,856	2016 Water Revenue Bonds Sold
	14,875,793		0	14,875,793	0	0	0	0	0	0	0	14,875,793	Construction - 2010 Bonds
	0	0	0	0	0	6,047,250	11,156,877	0	0	0	0	17,204,127	Future WASD Revenue Bonds
	5,504	528,891	534,395	534,395	0	0	0	0	0	0	0	534,395	W Construction - 2013 Bonds
	5,962,494	5,000,000	10,962,494	10,962,494	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	66,962,494	Water Renewal & Replacement Fund
TOTAL	20,843,791.0	5,528,891	5,528,891	26,372,682	9,751,856.0	14,047,250	19,156,877	8,000,000	8,000,000	8,000,000	8,000,000	101,328,665	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1082. WATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 967190

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
.101969 W WATER - PIPES AND INFRASTRUCTURE PROJECTS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	81,838,287												
REVENUES													
	14,875,793	0	14,875,793	0	0	0	0	0	0	0	0	14,875,793	Construction - 2010 Bonds
	9,601,774	1,360,720	10,962,494	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	66,962,494	Water Renewal & Replacement Fund
TOTAL	24,477,567	1,360,720	25,838,287	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	81,838,287	
EXPENDITURES													
	14,875,793	0	14,875,793	0	0	0	0	0	0	0	0	14,875,793	Construction - 2010 Bonds
	5,962,494	5,000,000	10,962,494	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	66,962,494	Water Renewal & Replacement Fund
TOTAL	20,838,287	5,000,000	25,838,287	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	81,838,287	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1082. WATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 967190

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
.102178 W 36-INCH WATER MAIN NW 106 STREET														
Commission District(s)														
Sub-Project Budget / Estimated 8,080,620														
REVENUES														
	0	0	0	786,968	0	0	0	0	0	0	0	786,968	2016 Water Revenue Bonds Sold	
	0	0	0	0	4,217,817	2,952,784	0	0	0	0	0	7,170,601	Future WASD Revenue Bonds	
	123,051	0	123,051	0	0	0	0	0	0	0	0	123,051	W Construction - 2013 Bonds	
TOTAL	123,051	0	123,051	786,968	4,217,817	2,952,784	0	0	0	0	0	8,080,620		
EXPENDITURES														
	0	0	0	786,968	0	0	0	0	0	0	0	786,968	2016 Water Revenue Bonds Sold	
	0	0	0	0	4,217,817	2,952,784	0	0	0	0	0	7,170,601	Future WASD Revenue Bonds	
	5,504	117,547	123,051	0	0	0	0	0	0	0	0	123,051	W Construction - 2013 Bonds	
TOTAL	5,504	117,547	123,051	786,968	4,217,817	2,952,784	0	0	0	0	0	8,080,620		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1082. WATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 967190

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102179 W 36-INCH WATER MAIN NW 135 STREET													
Commission District(s)													
Sub-Project Budget / Estimated	11,409,758												
REVENUES													
	0	0	0	964,888	0	0	0	0	0	0	0	964,888	2016 Water Revenue Bonds Sold
	0	0	0	0	1,829,433	8,204,093	0	0	0	0	0	10,033,526	Future WASD Revenue Bonds
	411,344	0	411,344	0	0	0	0	0	0	0	0	411,344	W Construction - 2013 Bonds
TOTAL	411,344	0	411,344	964,888	1,829,433	8,204,093	0	0	0	0	0	11,409,758	
EXPENDITURES													
	0	0	0	964,888	0	0	0	0	0	0	0	964,888	2016 Water Revenue Bonds Sold
	0	0	0	0	1,829,433	8,204,093	0	0	0	0	0	10,033,526	Future WASD Revenue Bonds
	0	411,344	411,344	0	0	0	0	0	0	0	0	411,344	W Construction - 2013 Bonds
TOTAL	0	411,344	411,344	964,888	1,829,433	8,204,093	0	0	0	0	0	11,409,758	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 200000072

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
460,059,935													
REVENUES													
	0	0	0	3,378,140	0	0	0	0	0	0	0	3,378,140	2016 Water Revenue Bonds Sold
	857,747	0	857,747	0	0	0	0	0	0	0	0	857,747	Construction - 2010 Bonds
	0	0	0	0	0	0	0	0	0	293,927,509	293,927,509	Future Funding	
	0	0	0	0	22,615,998	29,094,810	19,890,975	11,569,899	11,999,906	27,732,056	122,903,644	Future WASD Revenue Bonds	
	1,412,502	3,038,810	4,451,312	4,425,960	7,309,061	3,000,000	2,500,000	1,159,667	0	0	22,846,000	State Revolving Loans - Water	
	9,336,107	0	9,336,107	0	0	0	0	0	0	0	9,336,107	W Construction - 2013 Bonds	
	0	6,209,042	6,209,042	0	0	0	0	0	0	0	6,209,042	WASD Water Commercial Paper - 2015	
	601,746	0	601,746	0	0	0	0	0	0	0	601,746	Water Renewal & Replacement Fund	
TOTAL	12,208,102.0	9,247,852	21,455,954	7,804,100.0	29,925,059	32,094,810	22,390,975	12,729,566	11,999,906	321,659,565	460,059,935		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022					
	0	0	0	3,378,140	0	0	0	0	0	0	0	3,378,140	2016 Water Revenue Bonds Sold	
	857,747	0	857,747	0	0	0	0	0	0	0	0	857,747	Construction - 2010 Bonds	
	0	0	0	0	0	0	0	0	0	0	293,927,509	293,927,509	Future Funding	
	0	0	0	0	22,615,998	29,094,810	19,890,975	11,569,899	11,999,906	0	27,732,056	122,903,644	Future WASD Revenue Bonds	
	1,412,502	3,038,810	4,451,312	4,425,960	7,309,061	3,000,000	2,500,000	1,159,667	0	0	0	22,846,000	State Revolving Loans - Water	
	4,210,285	5,125,822	9,336,107	0	0	0	0	0	0	0	0	9,336,107	W Construction - 2013 Bonds	
	0	0	0	6,209,042	0	0	0	0	0	0	0	6,209,042	WASD Water Commercial Paper - 2015	
	1,746	600,000	601,746	0	0	0	0	0	0	0	0	601,746	Water Renewal & Replacement Fund	
TOTAL	6,482,280.9	8,764,632	15,246,913	14,013,142.0	29,925,059	32,094,810	22,390,975	12,729,566	11,999,906	321,659,565	460,059,936			



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Prior				Projections									
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.101678 W SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 52,320,515

REVENUES

	0	0	0	2,378,140	0	0	0	0	0	0	2,378,140	2016 Water Revenue Bonds Sold
	857,747	0	857,747	0	0	0	0	0	0	0	857,747	Construction - 2010 Bonds
	0	0	0	0	3,331,008	4,885,411	5,400,000	6,500,000	5,500,000	17,884,704	43,501,123	Future WASD Revenue Bonds
	5,583,505	0	5,583,505	0	0	0	0	0	0	0	5,583,505	W Construction - 2013 Bonds
TOTAL	6,441,252	0	6,441,252	2,378,140	3,331,008	4,885,411	5,400,000	6,500,000	5,500,000	17,884,704	52,320,515	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total		
	0	0	0	2,378,140	0	0	0	0	0	0	0	2,378,140	2016 Water Revenue Bonds Sold
	857,747	0	857,747	0	0	0	0	0	0	0	0	857,747	Construction - 2010 Bonds
	0	0	0	0	3,331,008	4,885,411	5,400,000	6,500,000	5,500,000	17,884,704	43,501,123	Future WASD Revenue Bonds	
	3,960,233	1,623,272	5,583,505	0	0	0	0	0	0	0	0	5,583,505	W Construction - 2013 Bonds
TOTAL	4,817,980	1,623,272	6,441,252	2,378,140	3,331,008	4,885,411	5,400,000	6,500,000	5,500,000	17,884,704	52,320,515		



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102136 W REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE A

Commission District(s) 5

Sub-Project Budget / Estimated 15,835,474

REVENUES

	0	0	0	0	1,194,114	3,000,000	0	0	0	0	0	4,194,114	Future WASD Revenue Bonds
	758,428	2,518,666	3,277,094	3,019,444	5,126,462	0	0	0	0	0	0	11,423,000	State Revolving Loans - Water
	218,360	0	218,360	0	0	0	0	0	0	0	0	218,360	W Construction - 2013 Bonds
TOTAL	976,788	2,518,666	3,495,454	3,019,444	6,320,576	3,000,000	0	0	0	0	0	15,835,474	

EXPENDITURES

	0	0	0	0	1,194,114	3,000,000	0	0	0	0	0	4,194,114	Future WASD Revenue Bonds
	758,428	2,518,666	3,277,094	3,019,444	5,126,462	0	0	0	0	0	0	11,423,000	State Revolving Loans - Water
	218,360	0	218,360	0	0	0	0	0	0	0	0	218,360	W Construction - 2013 Bonds
TOTAL	976,788	2,518,666	3,495,454	3,019,444	6,320,576	3,000,000	0	0	0	0	0	15,835,474	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				
.102137 W SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A													
Commission District(s) 9													
Sub-Project Budget / Estimated		35,726,014											
REVENUES													
	0	0	0	0	10,660,301	15,005,849	4,920,811	0	0	0	0	30,586,961	Future WASD Revenue Bonds
	1,449,491	0	1,449,491	0	0	0	0	0	0	0	0	1,449,491	W Construction - 2013 Bonds
	0	3,689,562	3,689,562	0	0	0	0	0	0	0	0	3,689,562	WASD Water Commercial Paper - 2015
TOTAL	1,449,491	3,689,562	5,139,053	0	10,660,301	15,005,849	4,920,811	0	0	0	0	35,726,014	
EXPENDITURES													
	0	0	0	0	10,660,301	15,005,849	4,920,811	0	0	0	0	30,586,961	Future WASD Revenue Bonds
	0	1,449,491	1,449,491	0	0	0	0	0	0	0	0	1,449,491	W Construction - 2013 Bonds
	0	0	0	3,689,562	0	0	0	0	0	0	0	3,689,562	WASD Water Commercial Paper - 2015
TOTAL	0	1,449,491	1,449,491	3,689,562	10,660,301	15,005,849	4,920,811	0	0	0	0	35,726,014	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

		Prior			Projections								
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102139 W REPLACEMENT OF UNDERSIZED WATER MAINS - W32 (PCTS #14004)

Commission District(s)

Sub-Project Budget / Estimated **501,746**

REVENUES

	501,746	0	501,746	0	0	0	0	0	0	0	0	501,746	Water Renewal & Replacement Fund
--	---------	---	---------	---	---	---	---	---	---	---	---	---------	----------------------------------

TOTAL	501,746	0	501,746	0	0	0	0	0	0	0	0	501,746	
--------------	----------------	----------	----------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	--

EXPENDITURES

	1,746	500,000	501,746	0	0	0	0	0	0	0	0	501,746	Water Renewal & Replacement Fund
--	-------	---------	---------	---	---	---	---	---	---	---	---	---------	----------------------------------

TOTAL	1,746	500,000	501,746	0	0	0	0	0	0	0	0	501,746	
--------------	--------------	----------------	----------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				

.102141 W REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE B

Commission District(s) 5

Sub-Project Budget / Estimated 13,821,724

REVENUES

	0	0	0	0	0	0	0	0	867,126	1,499,906	0	2,367,032	Future WASD Revenue Bonds
	654,074	520,144	1,174,218	1,406,516	2,182,599	3,000,000	2,500,000	1,159,667	0	0	0	11,423,000	State Revolving Loans - Water
	31,692	0	31,692	0	0	0	0	0	0	0	0	31,692	W Construction - 2013 Bonds
TOTAL	685,766	520,144	1,205,910	1,406,516	2,182,599	3,000,000	2,500,000	2,026,793	1,499,906	0	0	13,821,724	

EXPENDITURES

	0	0	0	0	0	0	0	0	867,126	1,499,906	0	2,367,032	Future WASD Revenue Bonds
	654,074	520,144	1,174,218	1,406,516	2,182,599	3,000,000	2,500,000	1,159,667	0	0	0	11,423,000	State Revolving Loans - Water
	31,692	0	31,692	0	0	0	0	0	0	0	0	31,692	W Construction - 2013 Bonds
TOTAL	685,766	520,144	1,205,910	1,406,516	2,182,599	3,000,000	2,500,000	2,026,793	1,499,906	0	0	13,821,724	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	
.102142 W SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B												
Commission District(s) 9												
Sub-Project Budget / Estimated	38,800,873											
REVENUES												
	0	0	0	0	5,588,893	5,875,298	5,000,000	4,000,000	4,000,000	9,847,352	34,311,543	Future WASH Revenue Bonds
	2,053,059	0	2,053,059	0	0	0	0	0	0	0	2,053,059	W Construction - 2013 Bonds
	0	2,436,271	2,436,271	0	0	0	0	0	0	0	2,436,271	WASH Water Commercial Paper - 2015
TOTAL	2,053,059	2,436,271	4,489,330	0	5,588,893	5,875,298	5,000,000	4,000,000	4,000,000	9,847,352	38,800,873	
EXPENDITURES												
	0	0	0	0	5,588,893	5,875,298	5,000,000	4,000,000	4,000,000	9,847,352	34,311,543	Future WASH Revenue Bonds
	0	2,053,059	2,053,059	0	0	0	0	0	0	0	2,053,059	W Construction - 2013 Bonds
	0	0	0	2,436,271	0	0	0	0	0	0	2,436,271	WASH Water Commercial Paper - 2015
TOTAL	0	2,053,059	2,053,059	2,436,271	5,588,893	5,875,298	5,000,000	4,000,000	4,000,000	9,847,352	38,800,873	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

		Prior			Projections								
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue	

.102143 W REPLACE UNDERSIZED WATER MAINS DOUGHNUT HOLE

Commission District(s) 1

Sub-Project Budget / Estimated **100,000**

REVENUES

	100,000	0	100,000	0	0	0	0	0	0	0	0	100,000	Water Renewal & Replacement Fund
--	---------	---	---------	---	---	---	---	---	---	---	---	---------	----------------------------------

TOTAL	100,000	0	100,000	0	0	0	0	0	0	0	0	100,000	
--------------	----------------	----------	----------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	--

EXPENDITURES

	0	100,000	100,000	0	0	0	0	0	0	0	0	100,000	Water Renewal & Replacement Fund
--	---	---------	---------	---	---	---	---	---	---	---	---	---------	----------------------------------

TOTAL	0	100,000	100,000	0	0	0	0	0	0	0	0	100,000	
--------------	----------	----------------	----------------	----------	----------	----------	----------	----------	----------	----------	----------	----------------	--



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future		Total
.102144 W WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 300,927,509													
REVENUES													
		0	0	0	0	0	0	0	0	0	293,927,509	293,927,509	Future Funding
		0	0	0	0	815,602	328,252	4,570,164	202,773	1,000,000	0	6,916,791	Future WASD Revenue Bonds
		0	83,209	83,209	0	0	0	0	0	0	0	83,209	WASD Water Commercial Paper - 2015
TOTAL		0	83,209	83,209	0	815,602	328,252	4,570,164	202,773	1,000,000	293,927,509	300,927,509	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	293,927,509	293,927,509	Future Funding
		0	0	0	0	815,602	328,252	4,570,164	202,773	1,000,000	0	6,916,791	Future WASD Revenue Bonds
		0	0	0	83,209	0	0	0	0	0	0	83,209	WASD Water Commercial Paper - 2015
TOTAL		0	0	0	83,209	815,602	328,252	4,570,164	202,773	1,000,000	293,927,509	300,927,509	



Miami-Dade Water and Sewer Department
2016 - 2022 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 4

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2015 - 2016	FY 2015 - 2016	Total Prior	FY 2016 - 2017	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	Future	Total	Bond Issue

.102193 W WATER MASTER PLAN

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **2,026,080**

REVENUES

	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000	2016 Water Revenue Bonds Sold
	0	0	0	0	1,026,080	0	0	0	0	0	1,026,080	Future WASD Revenue Bonds
TOTAL	0	0	0	1,000,000	1,026,080	0	0	0	0	0	2,026,080	
EXPENDITURES												
	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000	2016 Water Revenue Bonds Sold
	0	0	0	0	1,026,080	0	0	0	0	0	1,026,080	Future WASD Revenue Bonds
TOTAL	0	0	0	1,000,000	1,026,080	0	0	0	0	0	2,026,080	

Total Revenues:	2,698,472,981	301,822,433.0	98,369,788	400,192,221	117,717,065	199,209,535	219,287,553	184,882,028	230,502,832	233,211,067	1,113,470,680	2,698,472,981
Total Expenditures:		182,751,459	129,829,874	312,581,333	193,444,309	210,369,045	219,287,553	184,882,028	230,502,832	233,211,067	1,114,194,817	2,698,472,984

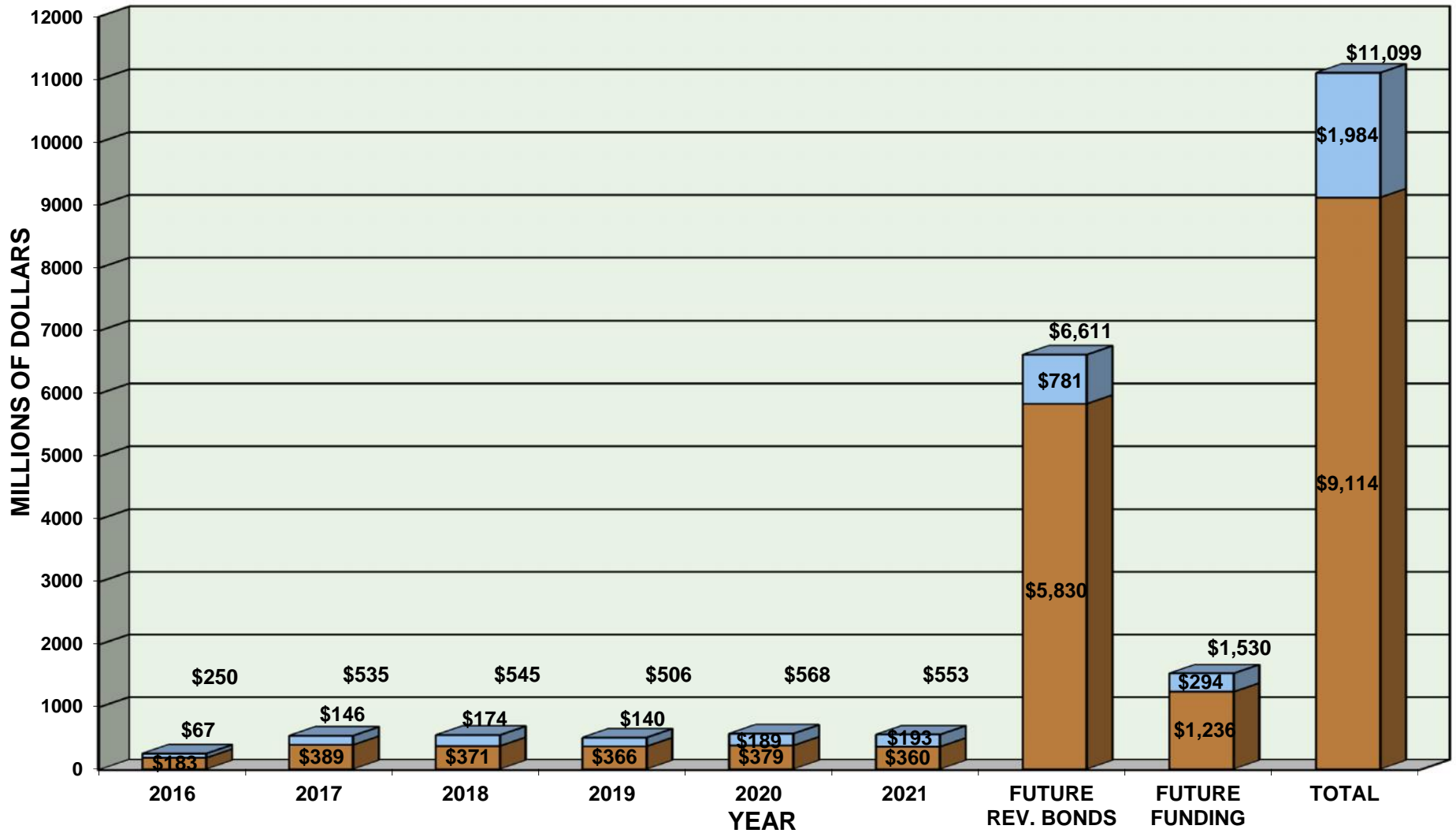
FUTURE BOND ISSUES



**MIAMI-DADE WATER AND SEWER DEPARTMENT
FUTURE BOND ISSUES
2016-FUTURE CAPITAL PLAN
SUMMARY**

	2016-2017 OCTOBER	2017-2018 OCTOBER	2018-2019 OCTOBER	2019-2020 OCTOBER	2020-2021 OCTOBER	2021-2022 OCTOBER	FUTURE REV. BONDS	FUTURE FUNDING	TOTAL
WASTEWATER	\$182,602,706	\$389,371,894	\$371,085,737	\$365,748,853	\$379,220,752	\$360,308,491	\$5,830,581,364	\$1,236,048,264	\$9,114,968,061
WATER	\$67,007,197	\$145,849,620	\$174,476,077	\$140,401,472	\$188,695,826	\$193,051,067	\$780,940,913	\$293,927,509	\$1,984,349,681
TOTAL	\$249,609,903	\$535,221,514	\$545,561,814	\$506,150,325	\$567,916,578	\$553,359,558	\$6,611,522,277	\$1,529,975,773	\$11,099,317,742

MIAMI - DADE WATER AND SEWER DEPARTMENT 2016-2022 CAPITAL PLAN FUTURE BONDS



■ SEWER ■ WATER

Prepared by Capital Planning and Coordination Section

WASTEWATER



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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 2017 - Revenue Bonds				
9653411	1002. 101947	2.	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	3,195
9653421	1003. 101838	21.	CDWWTP - 2 EMERGENCY GENERATORS	2,517
9655481	1006. 101768	26.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	1,943
9655481	1006. 101769	27.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - HOMESTEAD EAST	401
9650201	1011. 100889	36.	REHABILITATION OF SEWER MAINS DUE TO I/I - DIG AND REPLACE	1,258
9653201	1013. 101108	37.	MIAMI SERVICE FACILITY - PHASE 2	2,011
9653371	1018. 101774	46.	FORCE MAIN IN DORAL N.W. 107TH AVE.	3,550
9653371	1018. 101861	52.	CORAL GABLES REROUTE (CL-2)	1,941
9653371	1018. 101864	54.	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	3,397
9653371	1018. 101865	55.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	1,763
9653281	1019. 100877	56.	SANITARY SEWER SYSTEM EXTENSION	2,113
9652002	1021. 101816	58.	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS	250
9652002	1021. 101930	60.	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	653
9652002	1021. 101933	61.	REPLACEMENT OF SUBMERSIBLE PUMPING EQUIPMENT	240
9652002	1021. 101934	62.	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	750
9653261	1029. 101732	66.	SECURITY PROJECTS	608
964120	1044. 102600	84.	CDWWTP - ELECTRICAL IMPROVEMENTS	1,077



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102603	85.	CDWWTP - HEADWORKS PLANT 2	4,630
964120	1044.102605	87.	CDWWTP - OXYGENATION TRAINS PLANT 2	6,137
964120	1044.102607	88.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	90
964120	1044.102609	89.	CDWWTP - RS PUMP STATIONS PLANT 2	50
964120	1044.102610	90.	CDWWTP - EFFLUENT PUMP STATION	1,520
964120	1044.102612	92.	CDWWTP - SLUDGE THICKENERS PLANT 2	5,716
964120	1044.102614	93.	CDWWTP - DIGESTERS PLANT 2	8,557
964120	1044.102618	95.	CDWWTP - CO-GEN FACILITY	5,475
964120	1044.102620	96.	CDWWTP - PUMP STATION 1	1,099
964120	1044.102615	99.	CDWWTP - DEWATERING BUILDING	287
964120	1044.102602	100.	HEADWORKS PLANT 1	5,102
964120	1044.102626	101.	CDWWTP - OXYGEN PRODUCTION	1,818
964120	1044.102500	102.	SDWWTP - HEADWORKS	710
964120	1044.102501	103.	SDWWTP - OXYGEN PRODUCTION	4,684
964120	1044.102504	105.	SDWWTP - EFFLUENT PUMP STATION	2,984
964120	1044.102506	107.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	3,211
964120	1044.102507	108.	SDWWTP - DEWATERING FACILITY	5,729
964120	1044.102508	109.	SDWWTP - FOG REMOVAL FACILITY	774
964120	1044.102510	110.	SDWWTP - GENERAL ELECTRICAL	750



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102511	111.	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	20
964120	1044.102700	112.	NDWWTP - HEADWORKS AND SLUDGE DEGRITTING TRANSFER	7,932
964120	1044.102701	113.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	1,952
964120	1044.102706	115.	NDWWTP - EFFLUENT DISPOSAL	2,657
964120	1044.102707	116.	NDWWTP - PLANT WIDE ELECTRICAL	1,148
964120	1044.102709	117.	NDWWTP - YARD PIPING REPLACEMENT	263
968150	1045.102800	118.	COLLECTION SYSTEM I/I REPAIRS	9,523
968150	1045.102804	120.	SOUTH DADE 54 INCH PCCP FM REHABILITATION	8,291
964440	1046.102901	124.	UPGRADE OF PS#0691	2,939
964440	1046.102902	125.	UPGRADE OF PS#0692	3,224
964440	1046.102903	126.	REPLACEMENT OF SWITCHGEAR PS#0414	3,679
964440	1046.102904	127.	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0415	2,641
964440	1046.102905	128.	REPLACEMENT OF SWITCHGEAR PS#0416	2,896
964440	1046.102906	129.	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0417	750
964440	1046.102907	130.	REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT IN PS#0107	1,744
964440	1046.102908	131.	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	2,031
964440	1046.102909	132.	UPGRADE OF PS#0488	558



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964440	1046.102910	133.	INSTALLATION OF 60 INCH FM FROM KENDALL DR TO PS#0536	1,715
964440	1046.102911	134.	REPLACEMENT OF SWITCHGEAR AT PS#0187	4,785
964440	1046.102917	136.	UPGRADE OF PS #0441, 0491, 0710, 0827, 0852, 1236	2,939
9653411	1002.101638	137.	NDWWTP - INJECTION WELLS PS UPGRADE	1,800
9652002	1021.101837	140.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	1,875
962670	1040.102034	141.	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	8,881
9651071	1015.101454	144.	PUMP STATION IMPROVEMENT PROGRAM	23,585
962670	1040.102010	148.	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	4,988
9652101	1008.102012	149.	SOUTHWEST DADE BOOSTER STATION (SP-1)	1,416
9655481	1006.102055	150.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	2,336
9655481	1006.102056	151.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	2,602
9652101	1008.102041	156.	DORAL BASIN UPGRADE - 24 INCH FORCE MAIN NW 74TH ST FROM NW 97 TO NW 107 AVE. (CL-6)	1,518
9651061	1010.102067	161.	42-INCH FM CONNECTION FROM PS 691 TO PS 692 (SL-5)	2,683
9652101	1008.102072	163.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	1,639
9650241	1009.102074	165.	COCONUT GROVE REROUTE	4,684
9651061	1010.102077	167.	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	1,186



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9651061	1010.102078	168.	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	4,629
9651061	1010.102079	169.	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	5,234
9652101	1008.102082	171.	NORTH DADE BOOSTER STATION AT NW 183 ST / NW 57 AVE (NP-1)	474
9652101	1008.102086	173.	UPGRADE PS 416 (NP-416E)	811
9651061	1010.102087	174.	UPGRADE PS 692 (SP-692E)	3,078
9651061	1010.102088	175.	UPGRADE PS 1073 (SP-1073E)	1,272
9652101	1008.102121	193.	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	2,785
9653371	1018.102124	194.	UPGRADE TO PS 552 (SP-522E)	27
9650371	1025.102126	195.	RELOCATION OF 20 PUMP STATIONS	3,058
962670	1040.102096	198.	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	9,655
9655481	1006.102102	200.	SDWWTP FA MONITORING WELL REPLACEMENT	441
9653201	1013.101461	204.	NORTH MAINTENANCE CENTER	400
962670	1040.102038	212.	CDWWTP - CENTRATE INJECTION WELL (CE-4)	276
9650241	1009.101757	215.	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	6,785
9653201	1013.101506	216.	SOUTH MAINTENANCE CENTER	2,085
9653201	1013.101653	217.	11TH STREET DISTRIBUTION FACILITY RENOVATION	1,211
9653381	1014.100984	221.	REFURBISH STRUCTURES IN PUMP STATIONS	90



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102503	226.	SDWWTP - CHLORINE BUILDING	86
964120	1044.102621	228.	CDWWTP - PUMP STATION 2	3,570
964120	1044.102703	229.	NDWWTP - OXYGEN PRODUCTION	357
964120	1044.102617	231.	CDWWTP - ODOR CONTROL SYSTEMS	136
964120	1044.102628	232.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	17,405
964120	1044.102705	233.	NDWWTP - DISINFECTION	100
9653371	1018.101759	235.	48-INCH - ALLOWS P.S. 300 TO PUMP NORTH TO P.S. 1310 DISCHARGE (NL-7)	1,027
962670	1040.102138	239.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	10,246
9653201	1013.102052	240.	MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION	1,000
9653201	1013.101654	241.	WESTWOOD LAKES FACILITY ELEVATOR RENOVATION	600
968150	1045.102802	246.	GOVERNMENT CUT FM - PHASE 3	9,090
962670	1040.102150	255.	SDWWTP INDUSTRIAL WASTE INJECTION WELLS (SE-2)	3,103
962670	1040.102151	256.	BZ EFFLUENT DISPOSAL PUMP STATION EXPANSION (SE-1)	2,475
9650241	1009.102156	257.	DOWNTOWN BOOSTER STATION (CP-1)	3,652
9650241	1009.102157	258.	FM CONNECTIONS TO DOWNTOWN BOOSTER STATION	2,160
9652101	1008.102181	259.	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	312
964120	1044.102616	266.	CDWWTP - CHLORINATION FACILITIES	3,569



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653411	1002. 102147	279.	NDWWTP CONSTRUCTION MANAGEMENT OFFICE	3,874
9653421	1003. 102146	280.	CDWWTP - CONSTRUCTION MANAGEMENT OFFICE	3,005
9652101	1008. 101924	281.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	212
9652101	1008. 101986	282.	18 INCH DIP FM FROM ISLAND DRIVE	3,891
9650241	1009. 102046	283.	P.S. 2 BASIN UPGRADE - P.S. 2 UPGRADE	78
9651061	1010. 102051	284.	UPGRADE 6" FM AT SW 160 ST AND 92 AVE	186
9653201	1013. 101886	285.	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	144
9653371	1018. 101846	288.	PS 559 FLOW METER	500
9652002	1021. 101823	289.	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	275
9652002	1021. 102159	290.	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2,250
9652002	1021. 102160	291.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	351
9652002	1021. 102161	292.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	254
9652002	1021. 102163	293.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	141
9652002	1021. 102164	294.	REPLACEMENT OF CONE VALVES	51
9652002	1021. 102165	295.	REPLACEMENT OF OBSOLETE GENERATORS	104
964120	1044. 102604	296.	CDWWTP - OXYGENATION TRAINS PLANT 1	5,411
964120	1044. 102601	297.	CDWWTP - BUILDING IMPROVEMENTS	159
9652061	1032. 101885	299.	WWTP - VIDEO SURVEILANCE SYSTEM	689



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.101867	300.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	567
962670	1040.102093	301.	WDWWTP - INJECTION WELLS (WE-2)	3,849
962670	1040.102092	302.	WDWWTP - INJECTION WELL PUMP STATION (WE-1)	750
964120	1044.102502	305.	SDWWTP - OXYGENATION TRAINS	3,285
968150	1045.102807	306.	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	7,319
9651071	1015.102192	307.	OUT OF COMPLIANCE PUMP STATIONS	3,500
9653401	1007.102184	308.	SDWWTP FOG RECOVERY STATION	2,000
9653421	1003.101656	309.	CDWWTP - SLUDGE HANDLING FACILITY	1,000
968150	1045.102803	310.	NORTH DADE 72 INCH PCCP FM REHABILITATION	3,000
9653421	1003.102183	311.	CDWWTP FOG RECOVERY STATION	2,000
9653371	1018.102194	314.	WASTEWATER MASTER PLAN	1,899
964120	1044.102704	320.	NDWWTP - SECONDARY CLARIFIERS	2,712
968150	1045.102808	321.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	7,464
968150	1045.102809	322.	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	9,513
964440	1046.102916	325.	UPGRADE OF PS #0037, 0351, 0370, 0403	2,697
968090	1047.103002	326.	SUPPLEMENTAL ENVIRONMENT PROJECT (SEP)	882
964440	1046.102900	327.	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	5,292
964440	1046.102915	328.	UPGRADE OF PS #00198, 0437, 0466, 0680	1,000
Sub-Total				\$389,372



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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 2018 - Revenue Bonds				
964120	1044.102600	7.	CDWWTP - ELECTRICAL IMPROVEMENTS	2,855
964120	1044.102605	8.	CDWWTP - OXYGENATION TRAINS PLANT 2	5,712
964120	1044.102607	9.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	2,479
964120	1044.102609	10.	CDWWTP - RS PUMP STATIONS PLANT 2	1,517
964120	1044.102610	11.	CDWWTP - EFFLUENT PUMP STATION	3,398
964120	1044.102611	12.	CDWWTP - SLUDGE THICKENERS PLANT 1	1,916
964120	1044.102614	14.	CDWWTP - DIGESTERS PLANT 2	5,016
964120	1044.102615	15.	CDWWTP - DEWATERING BUILDING	788
964120	1044.102618	17.	CDWWTP - CO-GEN FACILITY	3,894
964120	1044.102620	19.	CDWWTP - PUMP STATION 1	3,223
964120	1044.102626	20.	CDWWTP - OXYGEN PRODUCTION	2,518
964120	1044.102500	21.	SDWWTP - HEADWORKS	496
964120	1044.102503	25.	SDWWTP - CHLORINE BUILDING	84
964120	1044.102504	26.	SDWWTP - EFFLUENT PUMP STATION	3,826
964120	1044.102506	28.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	3,339
964120	1044.102507	29.	SDWWTP - DEWATERING FACILITY	5,572
964120	1044.102509	30.	SDWWTP - ODOR CONTROL	477
964120	1044.102510	31.	SDWWTP - GENERAL ELECTRICAL	1,152



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102511	32.	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	940
964120	1044.102701	33.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	2,317
964120	1044.102702	34.	NDWWTP - OXYGENATION TRAINS	83
964120	1044.102704	35.	NDWWTP - SECONDARY CLARIFIERS	5,628
964120	1044.102706	37.	NDWWTP - EFFLUENT DISPOSAL	1,753
964120	1044.102707	38.	NDWWTP - PLANT WIDE ELECTRICAL	1,319
964120	1044.102709	39.	NDWWTP - YARD PIPING REPLACEMENT	263
968150	1045.102800	40.	COLLECTION SYSTEM I/I REPAIRS	5,523
968150	1045.102808	41.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	7,620
964440	1046.102901	43.	UPGRADE OF PS#0691	790
964440	1046.102904	44.	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0415	3,928
964440	1046.102906	45.	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0417	1,794
964440	1046.102907	46.	REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT IN PS#0107	902
964440	1046.102917	47.	UPGRADE OF PS #0441, 0491, 0710, 0827, 0852, 1236	2,106
964440	1046.102902	48.	UPGRADE OF PS#0692	4,805
9655481	1006.101768	56.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	1,565
9653421	1003.101838	57.	CDWWTP - 2 EMERGENCY GENERATORS	214



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9655481	1006.101769	58.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - HOMESTEAD EAST	1,397
9653201	1013.101108	59.	MIAMI SERVICE FACILITY - PHASE 2	3,018
9652002	1021.101930	69.	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	310
9653281	1019.100877	70.	SANITARY SEWER SYSTEM EXTENSION	4,113
9653371	1018.101861	73.	CORAL GABLES REROUTE (CL-2)	1,764
9653371	1018.101864	75.	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	4,293
9652002	1021.101837	87.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	1,975
962670	1040.102034	88.	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	9,596
962670	1040.101867	91.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	7,520
962670	1040.102007	94.	NDWWTP- BZ DEEP INJECTION WELLS (NE-2)	770
962670	1040.102009	96.	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	897
962670	1040.102010	97.	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	5,240
9652101	1008.102012	98.	SOUTHWEST DADE BOOSTER STATION (SP-1)	220
9655481	1006.102055	103.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	3,467
9655481	1006.102056	104.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	3,107
9653261	1029.101732	108.	SECURITY PROJECTS	3,526
9653411	1002.101638	109.	NDWWTP - INJECTION WELLS PS UPGRADE	2,499
9653371	1018.101865	113.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	2,439



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9651061	1010. 102067	118.	42-INCH FM CONNECTION FROM PS 691 TO PS 692 (SL-5)	2,098
9652101	1008. 102072	120.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	166
9652101	1008. 102064	122.	24-INCH FM FROM PS 416 TO 30-INCH FM AT NW 171 ST / 67 AVE (NL-6)	110
9652101	1008. 102065	123.	24-INCH FORCE MAIN EXTENSION IN NW 167 ST FROM NW 58 AVE TO NW 49 AVE THEN SOUTH TO NW 156 ST	103
9652101	1008. 102069	124.	48-INCH FORCE MAIN CONNECTION FROM NW 62 AVE AT W 77 ST TO DISCHARGE FORCE MAIN OF PS 307 (NL-4)	231
962670	1040. 102075	128.	DORAL BOOSTER STATION (WP-1)	507
9651061	1010. 102077	130.	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	2,440
9651061	1010. 102079	132.	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	6,857
9652101	1008. 102082	135.	NORTH DADE BOOSTER STATION AT NW 183 ST / NW 57 AVE (NP-1)	286
9651061	1010. 102087	137.	UPGRADE PS 692 (SP-692E)	3,400
9651061	1010. 102088	138.	UPGRADE PS 1073 (SP-1073E)	3,094
962670	1040. 102092	140.	WDWWTP - INJECTION WELL PUMP STATION (WE-1)	2,953
962670	1040. 102093	141.	WDWWTP - INJECTION WELLS (WE-2)	4,525
968090	1047. 103001	144.	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PUMP STATIONS	435
9653371	1018. 102124	161.	UPGRADE TO PS 552 (SP-522E)	712
962670	1040. 102125	162.	WWTP - STORM SURGE PROTECTION (XS-1)	550



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650371	1025. 102126	163.	RELOCATION OF 20 PUMP STATIONS	4,500
9652101	1008. 102086	165.	UPGRADE PS 416 (NP-416E)	329
962670	1040. 102096	172.	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	2,822
9655481	1006. 102102	174.	SDWWTP FA MONITORING WELL REPLACEMENT	6,086
9650201	1011. 100889	178.	REHABILITATION OF SEWER MAINS DUE TO I/I - DIG AND REPLACE	1,050
9653201	1013. 101461	179.	NORTH MAINTENANCE CENTER	2,175
9652002	1021. 101934	181.	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	3,568
9653381	1014. 100984	182.	REFURBISH STRUCTURES IN PUMP STATIONS	865
964120	1044. 102501	185.	SDWWTP - OXYGEN PRODUCTION	3,878
964120	1044. 102612	187.	CDWWTP - SLUDGE THICKENERS PLANT 2	6,352
964120	1044. 102703	188.	NDWWTP - OXYGEN PRODUCTION	615
964120	1044. 102617	189.	CDWWTP - ODOR CONTROL SYSTEMS	2,270
964120	1044. 102628	190.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	12,931
964120	1044. 102705	191.	NDWWTP - DISINFECTION	500
9653201	1013. 101506	192.	SOUTH MAINTENANCE CENTER	3,316
9651071	1015. 101454	193.	PUMP STATION IMPROVEMENT PROGRAM	23,973
962670	1040. 102138	195.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	10,246
9653201	1013. 101653	196.	11TH STREET DISTRIBUTION FACILITY RENOVATION	1,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.102150	205.	SDWWTP INDUSTRIAL WASTE INJECTION WELLS (SE-2)	1,715
962670	1040.102151	206.	BZ EFFLUENT DISPOSAL PUMP STATION EXPANSION (SE-1)	3,189
9650241	1009.102156	207.	DOWNTOWN BOOSTER STATION (CP-1)	4,500
9650241	1009.102157	208.	FM CONNECTIONS TO DOWNTOWN BOOSTER STATION	3,149
9652101	1008.102121	209.	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	500
9652101	1008.102181	210.	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	215
9650241	1009.101757	214.	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	7,500
9653411	1002.101947	227.	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	2,554
9652101	1008.102041	229.	DORAL BASIN UPGRADE - 24 INCH FORCE MAIN NW 74TH ST FROM NW 97 TO NW 107 AVE. (CL-6)	500
9651061	1010.102078	230.	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	5,500
964120	1044.102603	235.	CDWWTP - HEADWORKS PLANT 2	1,890
9650241	1009.102046	238.	P.S. 2 BASIN UPGRADE - P.S. 2 UPGRADE	862
9652101	1008.101924	254.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	269
9650241	1009.102074	255.	COCONUT GROVE REROUTE	1,439
9651061	1010.102051	256.	UPGRADE 6" FM AT SW 160 ST AND 92 AVE	528
9653201	1013.101654	257.	WESTWOOD LAKES FACILITY ELEVATOR RENOVATION	800



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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. 101886	258.	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	1,156
9653201	1013. 102052	261.	MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION	800
9652002	1021. 101816	263.	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS	250
9652002	1021. 101823	264.	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	275
9652002	1021. 102159	265.	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2,350
9652002	1021. 102160	266.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	2,284
9652002	1021. 102161	267.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2,307
9652002	1021. 102163	268.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	1,281
9652002	1021. 102164	269.	REPLACEMENT OF CONE VALVES	391
9652002	1021. 102165	270.	REPLACEMENT OF OBSOLETE GENERATORS	1,033
964120	1044. 102601	271.	CDWWTP - BUILDING IMPROVEMENTS	17
964120	1044. 102604	272.	CDWWTP - OXYGENATION TRAINS PLANT 1	2,079
964120	1044. 102700	273.	NDWWTP - HEADWORKS AND SLUDGE DEGRITTING TRANSFER	2,527
964440	1046. 102900	274.	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	3,947
964440	1046. 102903	275.	REPLACEMENT OF SWITCHGEAR PS#0414	87
964440	1046. 102905	276.	REPLACEMENT OF SWITCHGEAR PS#0416	60
964440	1046. 102908	277.	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	48
964440	1046. 102909	278.	UPGRADE OF PS#0488	13
964440	1046. 102910	279.	INSTALLATION OF 60 INCH FM FROM KENDALL DR TO PS#0536	33



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964440	1046.102911	280.	REPLACEMENT OF SWITCHGEAR AT PS#0187	3,167
9652061	1032.101885	281.	WWTP - VIDEO SURVEILANCE SYSTEM	288
962670	1040.102006	282.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	864
9653421	1003.102183	284.	CDWWTP FOG RECOVERY STATION	4,000
9653401	1007.102184	285.	SDWWTP FOG RECOVERY STATION	4,000
964120	1044.102502	287.	SDWWTP - OXYGENATION TRAINS	3,002
968150	1045.102807	288.	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	6,633
9651071	1015.102192	289.	OUT OF COMPLIANCE PUMP STATIONS	4,000
9653411	1002.102147	290.	NDWWTP CONSTRUCTION MANAGEMENT OFFICE	1,000
9653421	1003.102146	291.	CDWWTP - CONSTRUCTION MANAGEMENT OFFICE	1,500
962670	1040.102076	292.	EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWTP (CL-4)	1,174
968150	1045.102803	293.	NORTH DADE 72 INCH PCCP FM REHABILITATION	1,000
968150	1045.102804	294.	SOUTH DADE 54 INCH PCCP FM REHABILITATION	8,500
968150	1045.102809	295.	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	5,500
964440	1046.102916	296.	UPGRADE OF PS #0037, 0351, 0370, 0403	2,000
968150	1045.102802	297.	GOVERNMENT CUT FM - PHASE 3	7,500
Sub-Total				\$371,086
Future Series 2019 - Revenue Bonds				
9655481	1006.102055	2.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	4,267



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653371	1018.101865	6.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	3,746
962670	1040.101867	8.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	1,839
962670	1040.102006	9.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	1,805
962670	1040.102008	10.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	731
962670	1040.102009	11.	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	1,496
962670	1040.102010	12.	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	6,440
962670	1040.102034	15.	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	12,202
9652101	1008.102012	16.	SOUTHWEST DADE BOOSTER STATION (SP-1)	3,882
962670	1040.102007	17.	NDWWTP- BZ DEEP INJECTION WELLS (NE-2)	1,872
9653201	1013.101108	18.	MIAMI SERVICE FACILITY - PHASE 2	4,173
9653371	1018.101861	19.	CORAL GABLES REROUTE (CL-2)	21,153
9653371	1018.101864	20.	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	4,166
9653281	1019.100877	21.	SANITARY SEWER SYSTEM EXTENSION	3,038
964120	1044.102607	22.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	3,444
964120	1044.102609	23.	CDWWTP - RS PUMP STATIONS PLANT 2	2,571
964120	1044.102706	24.	NDWWTP - EFFLUENT DISPOSAL	711
9652101	1008.102064	30.	24-INCH FM FROM PS 416 TO 30-INCH FM AT NW 171 ST / 67 AVE (NL-6)	408
9652101	1008.102065	31.	24-INCH FORCE MAIN EXTENSION IN NW 167 ST FROM NW 58 AVE TO NW 49 AVE THEN SOUTH TO NW 156 ST	379



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9651061	1010. 102063	32.	24-INCH FM CONNECTION FROM PS 1073 TO PS 691 (SL-6)	21
9652101	1008. 102066	33.	30-INCH FORCE MAIN IN W 12 AVE (NW 67 AVE) FROM W 79 ST TO W 84 ST (NW 138 ST) (NL-3)	21
9651061	1010. 102067	34.	42-INCH FM CONNECTION FROM PS 691 TO PS 692 (SL-5)	3,509
9652101	1008. 102069	35.	48-INCH FORCE MAIN CONNECTION FROM NW 62 AVE AT W 77 ST TO DISCHARGE FORCE MAIN OF PS 307 (NL-4)	1,011
962670	1040. 102070	36.	54-INCH FM FROM WP-1 (DORAL) TO WDWWT (CL-9)	595
9652101	1008. 102072	38.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	7,000
962670	1040. 102076	40.	EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWWT (CL-4)	3,295
9651061	1010. 102077	41.	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	3,072
962670	1040. 102080	44.	NDWWT - PEAK FLOW TREATMENT (NT-3)	125
9652101	1008. 102082	46.	NORTH DADE BOOSTER STATION AT NW 183 ST / NW 57 AVE (NP-1)	1,777
9651061	1010. 102088	50.	UPGRADE PS 1073 (SP-1073E)	4,959
962670	1040. 102092	54.	WDWWT - INJECTION WELL PUMP STATION (WE-1)	3,797
962670	1040. 102093	55.	WDWWT - INJECTION WELLS (WE-2)	4,518
968090	1047. 103001	58.	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PUMP STATIONS	5,364
9653371	1018. 102124	71.	UPGRADE TO PS 552 (SP-522E)	209
962670	1040. 102125	72.	WWTP - STORM SURGE PROTECTION (XS-1)	1,933



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102500	79.	SDWWTP - HEADWORKS	231
964120	1044.102503	81.	SDWWTP - CHLORINE BUILDING	11
964120	1044.102504	82.	SDWWTP - EFFLUENT PUMP STATION	4,381
964120	1044.102506	83.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	3,549
964120	1044.102507	84.	SDWWTP - DEWATERING FACILITY	4,323
964120	1044.102510	86.	SDWWTP - GENERAL ELECTRICAL	2,159
964120	1044.102511	87.	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	2,257
964120	1044.102600	88.	CDWWTP - ELECTRICAL IMPROVEMENTS	3,431
964120	1044.102605	89.	CDWWTP - OXYGENATION TRAINS PLANT 2	4,043
964120	1044.102610	90.	CDWWTP - EFFLUENT PUMP STATION	3,812
964120	1044.102611	91.	CDWWTP - SLUDGE THICKENERS PLANT 1	2,052
964120	1044.102613	92.	CDWWTP - DIGESTERS PLANT 1	553
964120	1044.102614	93.	CDWWTP - DIGESTERS PLANT 2	5,609
964120	1044.102615	94.	CDWWTP - DEWATERING BUILDING	1,195
964120	1044.102620	96.	CDWWTP - PUMP STATION 1	3,410
964120	1044.102626	99.	CDWWTP - OXYGEN PRODUCTION	3,000
964120	1044.102701	100.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	2,783
964120	1044.102702	101.	NDWWTP - OXYGENATION TRAINS	122
964120	1044.102703	102.	NDWWTP - OXYGEN PRODUCTION	701



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102704	103.	NDWWTP - SECONDARY CLARIFIERS	1,699
964120	1044.102707	104.	NDWWTP - PLANT WIDE ELECTRICAL	1,260
964120	1044.102709	105.	NDWWTP - YARD PIPING REPLACEMENT	228
968150	1045.102800	106.	COLLECTION SYSTEM I/I REPAIRS	3,549
968150	1045.102808	107.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	4,106
9655481	1006.101768	108.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	2,255
9655481	1006.101769	109.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - HOMESTEAD EAST	3,561
9655481	1006.102056	110.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	4,805
9652101	1008.102086	111.	UPGRADE PS 416 (NP-416E)	3,114
9651061	1010.102087	112.	UPGRADE PS 692 (SP-692E)	4,312
9653411	1002.101638	117.	NDWWTP - INJECTION WELLS PS UPGRADE	3,200
9652101	1008.101924	119.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	582
9652002	1021.101930	121.	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	3,749
9652002	1021.101934	122.	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	2,500
9650371	1025.102126	123.	RELOCATION OF 20 PUMP STATIONS	4,049
962670	1040.102075	125.	DORAL BOOSTER STATION (WP-1)	2,235
964120	1044.102505	128.	SDWWTP - GRAVITY SLUDGE THICKENERS	750
964120	1044.102612	129.	CDWWTP - SLUDGE THICKENERS PLANT 2	4,202



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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. 102617	130.	CDWWTP - ODOR CONTROL SYSTEMS	3,907
964120	1044. 102628	131.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	12,694
964120	1044. 102705	132.	NDWWTP - DISINFECTION	1,500
962670	1040. 102138	135.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	10,272
9653421	1003. 101910	137.	CDWWTP - PLANT PROCESS CONTROLS	117
9650241	1009. 102046	143.	P.S. 2 BASIN UPGRADE - P.S. 2 UPGRADE	1,184
9650241	1009. 102156	144.	DOWNTOWN BOOSTER STATION (CP-1)	5,207
9650241	1009. 102157	145.	FM CONNECTIONS TO DOWNTOWN BOOSTER STATION	4,536
962670	1040. 101862	146.	UPGRADE AND EXPANSION TO PS 187 (CEP-187E)	4,269
9652101	1008. 102181	147.	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	1,464
9653201	1013. 101506	149.	SOUTH MAINTENANCE CENTER	4,285
962670	1040. 102150	150.	SDWWTP INDUSTRIAL WASTE INJECTION WELLS (SE-2)	750
962670	1040. 102151	151.	BZ EFFLUENT DISPOSAL PUMP STATION EXPANSION (SE-1)	3,978
962670	1040. 102096	165.	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	1,054
9650241	1009. 101757	166.	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	7,656
9651061	1010. 102078	167.	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	5,800



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9651061	1010. 102079	168.	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	6,000
9650201	1011. 100889	169.	REHABILITATION OF SEWER MAINS DUE TO I/I - DIG AND REPLACE	650
9652101	1008. 102121	171.	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	2,724
9652002	1021. 101837	172.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	1,875
9655481	1006. 102102	182.	SDWWTP FA MONITORING WELL REPLACEMENT	279
9653201	1013. 101461	183.	NORTH MAINTENANCE CENTER	3,500
9651061	1010. 102051	184.	UPGRADE 6" FM AT SW 160 ST AND 92 AVE	651
9653201	1013. 101653	185.	11TH STREET DISTRIBUTION FACILITY RENOVATION	1,000
9653201	1013. 102052	186.	MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION	250
9652002	1021. 101816	187.	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS	250
9652002	1021. 101823	188.	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	285
9652002	1021. 102159	189.	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2,460
9652002	1021. 102160	190.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	547
9652002	1021. 102161	191.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	979
9652002	1021. 102163	192.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	544
9652002	1021. 102164	193.	REPLACEMENT OF CONE VALVES	179
9652002	1021. 102165	194.	REPLACEMENT OF OBSOLETE GENERATORS	438
9653381	1014. 100984	195.	REFURBISH STRUCTURES IN PUMP STATIONS	352



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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	196.	CDWWTP - BUILDING IMPROVEMENTS	17
9652061	1032.101885	197.	WWTP - VIDEO SURVEILANCE SYSTEM	3,793
964120	1044.102501	198.	SDWWTP - OXYGEN PRODUCTION	1,750
964120	1044.102502	201.	SDWWTP - OXYGENATION TRAINS	3,214
964120	1044.102624	202.	CDWWTP - VENTILATION IMPROVEMENTS	82
968150	1045.102807	203.	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	4,114
9651071	1015.102192	204.	OUT OF COMPLIANCE PUMP STATIONS	4,611
9653421	1003.102146	205.	CDWWTP - CONSTRUCTION MANAGEMENT OFFICE	500
9653421	1003.102183	206.	CDWWTP FOG RECOVERY STATION	3,000
9653411	1002.101947	207.	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	1,000
9653401	1007.102184	208.	SDWWTP FOG RECOVERY STATION	3,000
964120	1044.102604	209.	CDWWTP - OXYGENATION TRAINS PLANT 1	1,000
964120	1044.102603	210.	CDWWTP - HEADWORKS PLANT 2	1,300
964120	1044.102700	211.	NDWWTP - HEADWORKS AND SLUDGE DEGRITTING TRANSFER	2,000
968150	1045.102804	212.	SOUTH DADE 54 INCH PCCP FM REHABILITATION	2,500
964440	1046.102900	214.	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	2,000
964440	1046.102902	215.	UPGRADE OF PS#0692	3,000
964440	1046.102904	216.	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0415	3,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964440	1046.102906	217.	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0417	2,500
964440	1046.102916	218.	UPGRADE OF PS #0037, 0351, 0370, 0403	1,500
964440	1046.102917	219.	UPGRADE OF PS #0441, 0491, 0710, 0827, 0852, 1236	1,000
964120	1044.102509	221.	SDWWTP - ODOR CONTROL	422
968150	1045.102809	222.	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	3,000
964440	1046.102911	223.	REPLACEMENT OF SWITCHGEAR AT PS#0187	2,000
964120	1044.102618	224.	CDWWTP - CO-GEN FACILITY	3,000
968150	1045.102802	225.	GOVERNMENT CUT FM - PHASE 3	3,500
Sub-Total				\$365,749
Future Series 2020 - Revenue Bonds				
962670	1040.102080	3.	NDWWTP - PEAK FLOW TREATMENT (NT-3)	3,084
962670	1040.102073	6.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	550
9655481	1006.101769	8.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - HOMESTEAD EAST	606
9655481	1006.102055	9.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	4,175
9652101	1008.102064	14.	24-INCH FM FROM PS 416 TO 30-INCH FM AT NW 171 ST / 67 AVE (NL-6)	590
9652101	1008.102065	15.	24-INCH FORCE MAIN EXTENSION IN NW 167 ST FROM NW 58 AVE TO NW 49 AVE THEN SOUTH TO NW 156 ST	456
9652101	1008.102066	16.	30-INCH FORCE MAIN IN W 12 AVE (NW 67 AVE) FROM W 79 ST TO W 84 ST (NW 138 ST) (NL-3)	230



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9652101	1008.102069	17.	48-INCH FORCE MAIN CONNECTION FROM NW 62 AVE AT W 77 ST TO DISCHARGE FORCE MAIN OF PS 307 (NL-4)	1,205
9652101	1008.102082	19.	NORTH DADE BOOSTER STATION AT NW 183 ST / NW 57 AVE (NP-1)	3,547
9652101	1008.102086	20.	UPGRADE PS 416 (NP-416E)	2,000
9651061	1010.102063	21.	24-INCH FM CONNECTION FROM PS 1073 TO PS 691 (SL-6)	467
9651061	1010.102067	22.	42-INCH FM CONNECTION FROM PS 691 TO PS 692 (SL-5)	3,737
9651061	1010.102077	23.	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	3,286
9651061	1010.102088	27.	UPGRADE PS 1073 (SP-1073E)	2,172
9653371	1018.101861	29.	CORAL GABLES REROUTE (CL-2)	5,308
9653371	1018.101864	30.	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	4,725
9653371	1018.101865	31.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	4,000
9653371	1018.102124	32.	UPGRADE TO PS 552 (SP-522E)	1,981
962670	1040.101867	34.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	3,032
962670	1040.102006	35.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	2,989
962670	1040.102007	36.	NDWWTP- BZ DEEP INJECTION WELLS (NE-2)	2,585
962670	1040.102008	37.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	2,315
962670	1040.102009	38.	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	2,099
962670	1040.102010	39.	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	3,773
962670	1040.102034	42.	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	15,688



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.102068	43.	48-INCH FM CONNECTION IN NW 58 ST FROM NW 107 AVE TO NW 79 AVE - DORAL (CL-3)	573
962670	1040.102070	44.	54-INCH FM FROM WP-1 (DORAL) TO WDWWT (CL-9)	2,570
962670	1040.102071	45.	72-INCH FM CONNECTION IN SW 137 AVE TO CL-4 FM IN NW 6 ST (CL-5)	768
962670	1040.102075	46.	DORAL BOOSTER STATION (WP-1)	2,183
962670	1040.102092	49.	WDWWT - INJECTION WELL PUMP STATION (WE-1)	3,000
962670	1040.102093	50.	WDWWT - INJECTION WELLS (WE-2)	3,000
962670	1040.102094	51.	WDWWT - PEAK FLOW TREATMENT	550
962670	1040.102125	52.	WWTP - STORM SURGE PROTECTION (XS-1)	2,776
964120	1044.102502	53.	SDWWTP - OXYGENATION TRAINS	3,151
964120	1044.102503	54.	SDWWTP - CHLORINE BUILDING	991
964120	1044.102504	55.	SDWWTP - EFFLUENT PUMP STATION	3,329
964120	1044.102506	56.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	2,898
964120	1044.102510	58.	SDWWTP - GENERAL ELECTRICAL	3,015
964120	1044.102511	59.	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	2,807
964120	1044.102606	61.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	1,251
964120	1044.102607	62.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	3,000
964120	1044.102608	63.	CDWWTP - RS PUMP STATIONS PLANT 1	120
964120	1044.102609	64.	CDWWTP - RS PUMP STATIONS PLANT 2	2,918



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102611	65.	CDWWTP - SLUDGE THICKENERS PLANT 1	3,500
964120	1044.102613	66.	CDWWTP - DIGESTERS PLANT 1	1,109
964120	1044.102614	67.	CDWWTP - DIGESTERS PLANT 2	3,614
964120	1044.102615	68.	CDWWTP - DEWATERING BUILDING	2,515
964120	1044.102701	72.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	2,904
964120	1044.102702	73.	NDWWTP - OXYGENATION TRAINS	550
964120	1044.102703	74.	NDWWTP - OXYGEN PRODUCTION	1,618
964120	1044.102704	75.	NDWWTP - SECONDARY CLARIFIERS	1,640
964120	1044.102707	76.	NDWWTP - PLANT WIDE ELECTRICAL	1,186
964120	1044.102709	77.	NDWWTP - YARD PIPING REPLACEMENT	234
968150	1045.102800	78.	COLLECTION SYSTEM I/I REPAIRS	3,523
968090	1047.103001	80.	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PUMP STATIONS	5,859
962670	1040.102076	81.	EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWTP (CL-4)	2,940
9653201	1013.101108	85.	MIAMI SERVICE FACILITY - PHASE 2	4,014
964120	1044.102505	97.	SDWWTP - GRAVITY SLUDGE THICKENERS	2,500
964120	1044.102628	98.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	12,825
9652101	1008.102012	101.	SOUTHWEST DADE BOOSTER STATION (SP-1)	4,447



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.102138	104.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	10,180
9652101	1008.102042	107.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	3,816
9650241	1009.102046	108.	P.S. 2 BASIN UPGRADE - P.S. 2 UPGRADE	5,421
962670	1040.101862	109.	UPGRADE AND EXPANSION TO PS 187 (CEP-187E)	4,370
9652101	1008.102181	110.	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	2,312
9652101	1008.102072	119.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	7,000
9650241	1009.102156	121.	DOWNTOWN BOOSTER STATION (CP-1)	6,500
9651061	1010.102087	122.	UPGRADE PS 692 (SP-692E)	4,500
9650201	1011.100889	123.	REHABILITATION OF SEWER MAINS DUE TO I/I - DIG AND REPLACE	350
9653201	1013.101506	124.	SOUTH MAINTENANCE CENTER	4,140
962670	1040.102151	126.	BZ EFFLUENT DISPOSAL PUMP STATION EXPANSION (SE-1)	3,493
9652002	1021.101837	127.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	1,980
9653411	1002.101638	133.	NDWWTP - INJECTION WELLS PS UPGRADE	4,078
9653421	1003.101910	134.	CDWWTP - PLANT PROCESS CONTROLS	900
9655481	1006.101768	135.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	3,112
9652101	1008.101924	136.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	2,987
9653201	1013.101461	137.	NORTH MAINTENANCE CENTER	4,500



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9652002	1021.101823	140.	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	285
9652002	1021.102159	141.	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2,460
9652002	1021.102160	142.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	12,389
9652002	1021.102161	143.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	13,894
9652002	1021.102163	144.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	7,719
9652002	1021.102164	145.	REPLACEMENT OF CONE VALVES	3,166
9652002	1021.102165	146.	REPLACEMENT OF OBSOLETE GENERATORS	5,684
9652002	1021.101816	147.	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS	250
9652002	1021.101930	148.	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	159
9653381	1014.100984	149.	REFURBISH STRUCTURES IN PUMP STATIONS	4,882
964120	1044.102601	150.	CDWWTP - BUILDING IMPROVEMENTS	17
964120	1044.102610	151.	CDWWTP - EFFLUENT PUMP STATION	3,230
964120	1044.102605	153.	CDWWTP - OXYGENATION TRAINS PLANT 2	2,509
964120	1044.102705	154.	NDWWTP - DISINFECTION	2,309
9652061	1032.101885	155.	WWTP - VIDEO SURVEILANCE SYSTEM	160
9652101	1008.102187	159.	48-INCH LINING FROM PS300 TO NDWWTP (XL-1)	752
9652101	1008.102191	160.	PUMP STATION 0306 (PS-306)	1,004
964120	1044.102617	161.	CDWWTP - ODOR CONTROL SYSTEMS	3,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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	162.	CDWWTP - VENTILATION IMPROVEMENTS	389
9651071	1015. 102192	163.	OUT OF COMPLIANCE PUMP STATIONS	4,536
9653421	1003. 102183	164.	CDWWTP FOG RECOVERY STATION	1,000
9653401	1007. 102184	165.	SDWWTP FOG RECOVERY STATION	1,000
9652101	1008. 102121	166.	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	2,957
9650241	1009. 101757	167.	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	5,000
9650241	1009. 102157	168.	FM CONNECTIONS TO DOWNTOWN BOOSTER STATION	2,500
9651061	1010. 102078	169.	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	4,000
9651061	1010. 102079	170.	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	5,000
964120	1044. 102507	171.	SDWWTP - DEWATERING FACILITY	3,000
964120	1044. 102604	172.	CDWWTP - OXYGENATION TRAINS PLANT 1	1,000
964120	1044. 102501	173.	SDWWTP - OXYGEN PRODUCTION	1,611
964120	1044. 102600	174.	CDWWTP - ELECTRICAL IMPROVEMENTS	1,500
964120	1044. 102603	175.	CDWWTP - HEADWORKS PLANT 2	1,000
962670	1040. 102150	176.	SDWWTP INDUSTRIAL WASTE INJECTION WELLS (SE-2)	329
9652002	1021. 101934	177.	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	1,750
9650371	1025. 102126	178.	RELOCATION OF 20 PUMP STATIONS	4,500



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102612	179.	CDWWTP - SLUDGE THICKENERS PLANT 2	2,500
964120	1044.102620	180.	CDWWTP - PUMP STATION 1	3,000
964120	1044.102626	181.	CDWWTP - OXYGEN PRODUCTION	3,500
964120	1044.102700	182.	NDWWTP - HEADWORKS AND SLUDGE DEGRITTING TRANSFER	1,500
968150	1045.102804	183.	SOUTH DADE 54 INCH PCCP FM REHABILITATION	1,500
968150	1045.102807	184.	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	3,000
968150	1045.102808	185.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	3,000
964440	1046.102900	187.	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	2,000
964440	1046.102902	188.	UPGRADE OF PS#0692	1,000
964440	1046.102906	189.	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0417	1,526
964440	1046.102916	190.	UPGRADE OF PS #0037, 0351, 0370, 0403	1,500
964120	1044.102706	191.	NDWWTP - EFFLUENT DISPOSAL	300
968150	1045.102809	192.	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	3,000
9655481	1006.102056	193.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	3,500
964120	1044.102509	194.	SDWWTP - ODOR CONTROL	1,176
964440	1046.102911	195.	REPLACEMENT OF SWITCHGEAR AT PS#0187	1,157
964120	1044.102618	196.	CDWWTP - CO-GEN FACILITY	2,000
968150	1045.102802	197.	GOVERNMENT CUT FM - PHASE 3	1,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
Sub-Total				\$379,221
Future Series 2021 - Revenue Bonds				
962670	1040.102080	1.	NDWWTP - PEAK FLOW TREATMENT (NT-3)	3,464
962670	1040.102073	4.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	5,613
9652101	1008.102064	7.	24-INCH FM FROM PS 416 TO 30-INCH FM AT NW 171 ST / 67 AVE (NL-6)	2,408
9652101	1008.102065	8.	24-INCH FORCE MAIN EXTENSION IN NW 167 ST FROM NW 58 AVE TO NW 49 AVE THEN SOUTH TO NW 156 ST	2,029
9652101	1008.102066	9.	30-INCH FORCE MAIN IN W 12 AVE (NW 67 AVE) FROM W 79 ST TO W 84 ST (NW 138 ST) (NL-3)	1,407
9652101	1008.102069	10.	48-INCH FORCE MAIN CONNECTION FROM NW 62 AVE AT W 77 ST TO DISCHARGE FORCE MAIN OF PS 307 (NL-4)	3,288
9652101	1008.102082	11.	NORTH DADE BOOSTER STATION AT NW 183 ST / NW 57 AVE (NP-1)	4,327
9652101	1008.102181	12.	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	3,072
9651061	1010.102063	13.	24-INCH FM CONNECTION FROM PS 1073 TO PS 691 (SL-6)	227
9650201	1011.100889	14.	REHABILITATION OF SEWER MAINS DUE TO I/I - DIG AND REPLACE	224
962670	1040.101862	16.	UPGRADE AND EXPANSION TO PS 187 (CEP-187E)	3,894
9653371	1018.101864	17.	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	4,679
9653371	1018.101865	18.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	2,470
9653371	1018.102124	19.	UPGRADE TO PS 552 (SP-522E)	3,071
962670	1040.101858	21.	FLOW CONTROL PIPELINE INTERCONNECTION (CL-X)	294



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.101867	22.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	4,334
962670	1040.102006	23.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	4,860
962670	1040.102007	24.	NDWWTP- BZ DEEP INJECTION WELLS (NE-2)	4,500
962670	1040.102008	25.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	2,999
962670	1040.102009	26.	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	3,555
962670	1040.102034	30.	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	17,759
962670	1040.102068	31.	48-INCH FM CONNECTION IN NW 58 ST FROM NW 107 AVE TO NW 79 AVE - DORAL (CL-3)	1,541
962670	1040.102070	32.	54-INCH FM FROM WP-1 (DORAL) TO WDWWT (CL-9)	3,503
962670	1040.102071	33.	72-INCH FM CONNECTION IN SW 137 AVE TO CL-4 FM IN NW 6 ST (CL-5)	1,902
962670	1040.102075	34.	DORAL BOOSTER STATION (WP-1)	3,777
962670	1040.102076	35.	EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWWT (CL-4)	5,962
962670	1040.102092	41.	WDWWT - INJECTION WELL PUMP STATION (WE-1)	7,025
962670	1040.102093	42.	WDWWT - INJECTION WELLS (WE-2)	6,646
962670	1040.102094	43.	WDWWT - PEAK FLOW TREATMENT	1,448
962670	1040.102125	44.	WWTP - STORM SURGE PROTECTION (XS-1)	5,707
962670	1040.102138	45.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	10,168
964120	1044.102503	47.	SDWWTP - CHLORINE BUILDING	2,109
964120	1044.102504	48.	SDWWTP - EFFLUENT PUMP STATION	4,733



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102505	49.	SDWWTP - GRAVITY SLUDGE THICKENERS	3,484
964120	1044.102506	50.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	2,888
964120	1044.102606	52.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	49
964120	1044.102608	53.	CDWWTP - RS PUMP STATIONS PLANT 1	736
964120	1044.102609	54.	CDWWTP - RS PUMP STATIONS PLANT 2	3,179
964120	1044.102613	55.	CDWWTP - DIGESTERS PLANT 1	1,832
964120	1044.102628	57.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	12,456
964120	1044.102702	58.	NDWWTP - OXYGENATION TRAINS	1,750
964120	1044.102703	59.	NDWWTP - OXYGEN PRODUCTION	2,129
964120	1044.102704	60.	NDWWTP - SECONDARY CLARIFIERS	1,694
964120	1044.102707	62.	NDWWTP - PLANT WIDE ELECTRICAL	1,123
964120	1044.102709	63.	NDWWTP - YARD PIPING REPLACEMENT	79
968150	1045.102800	64.	COLLECTION SYSTEM I/I REPAIRS	3,523
964120	1044.102502	65.	SDWWTP - OXYGENATION TRAINS	2,822
964120	1044.102607	72.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	4,539
964120	1044.102614	73.	CDWWTP - DIGESTERS PLANT 2	4,462
9653411	1002.102097	92.	CHEMICALLY ENHANCED PRIMARY TREATMENT AT NDWWTP	180
9653421	1003.101910	93.	CDWWTP - PLANT PROCESS CONTROLS	108



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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	94.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	3,750
9650241	1009. 102046	95.	P.S. 2 BASIN UPGRADE - P.S. 2 UPGRADE	5,180
9653201	1013. 101506	96.	SOUTH MAINTENANCE CENTER	4,216
9653201	1013. 101999	97.	WEST MAINTENANCE CENTER	410
9653201	1013. 102000	98.	GENERAL MAINTENANCE LAND ACQUISITION - SEWER	1,141
9653201	1013. 102001	100.	LEJEUNE ROAD OFFICE EXPANSION - PHASE 2	917
9652002	1021. 101816	101.	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS	250
9652002	1021. 101823	102.	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	285
9652002	1021. 101837	103.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	1,880
9652002	1021. 102159	104.	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2,200
9652002	1021. 102160	105.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	4,430
9652002	1021. 102161	106.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	567
9652002	1021. 102163	107.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	315
9652002	1021. 102164	108.	REPLACEMENT OF CONE VALVES	212
9652002	1021. 102165	109.	REPLACEMENT OF OBSOLETE GENERATORS	240
9653381	1014. 100984	110.	REFURBISH STRUCTURES IN PUMP STATIONS	116
964120	1044. 102601	111.	CDWWTP - BUILDING IMPROVEMENTS	17
964120	1044. 102611	112.	CDWWTP - SLUDGE THICKENERS PLANT 1	5,500



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102605	114.	CDWWTP - OXYGENATION TRAINS PLANT 2	2,414
964120	1044.102701	115.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	3,454
9652061	1032.102004	118.	WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES	907
962670	1040.102151	122.	BZ EFFLUENT DISPOSAL PUMP STATION EXPANSION (SE-1)	4,774
9652101	1008.102187	123.	48-INCH LINING FROM PS300 TO NDWWTP (XL-1)	2,251
9652101	1008.102190	125.	42-INCH FM FROM PS306 - RED ROAD (NL-1C)	1,739
9652101	1008.102191	126.	PUMP STATION 0306 (PS-306)	2,552
964120	1044.102615	127.	CDWWTP - DEWATERING BUILDING	3,023
964120	1044.102624	128.	CDWWTP - VENTILATION IMPROVEMENTS	12
9651071	1015.102192	129.	OUT OF COMPLIANCE PUMP STATIONS	4,536
9653411	1002.101638	130.	NDWWTP - INJECTION WELLS PS UPGRADE	3,000
9655481	1006.101768	131.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	4,500
9655481	1006.102055	132.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	4,000
9652101	1008.102042	133.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	1,000
9652101	1008.102072	134.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	5,000
9652101	1008.102086	135.	UPGRADE PS 416 (NP-416E)	1,000
9652101	1008.102121	136.	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	7,000
9650241	1009.101757	137.	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	3,750



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650241	1009. 102157	138.	FM CONNECTIONS TO DOWNTOWN BOOSTER STATION	1,000
9651061	1010. 102067	139.	42-INCH FM CONNECTION FROM PS 691 TO PS 692 (SL-5)	3,500
9651061	1010. 102077	140.	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	3,000
9651061	1010. 102078	141.	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	4,000
9651061	1010. 102079	142.	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	5,000
9651061	1010. 102087	143.	UPGRADE PS 692 (SP-692E)	683
9651061	1010. 102088	144.	UPGRADE PS 1073 (SP-1073E)	1,500
9653201	1013. 101108	145.	MIAMI SERVICE FACILITY - PHASE 2	1,000
9653201	1013. 101461	146.	NORTH MAINTENANCE CENTER	500
964120	1044. 102507	147.	SDWWTP - DEWATERING FACILITY	5,000
964120	1044. 102510	148.	SDWWTP - GENERAL ELECTRICAL	4,000
964120	1044. 102604	149.	CDWWTP - OXYGENATION TRAINS PLANT 1	1,000
964120	1044. 102610	150.	CDWWTP - EFFLUENT PUMP STATION	3,000
964120	1044. 102511	151.	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	1,112
964120	1044. 102600	152.	CDWWTP - ELECTRICAL IMPROVEMENTS	1,000
962670	1040. 102010	153.	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	4,000
9652002	1021. 101934	154.	REPLACEMENT OF VARIABLE REQUENCY DRIVES (VFD)	1,500
9650371	1025. 102126	155.	RELOCATION OF 20 PUMP STATIONS	4,172



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102612	156.	CDWWTP - SLUDGE THICKENERS PLANT 2	2,500
964120	1044.102620	157.	CDWWTP - PUMP STATION 1	3,000
964120	1044.102626	158.	CDWWTP - OXYGEN PRODUCTION	4,752
964120	1044.102617	159.	CDWWTP - ODOR CONTROL SYSTEMS	3,000
964120	1044.102700	160.	NDWWTP - HEADWORKS AND SLUDGE DEGRITTING TRANSFER	1,500
964120	1044.102705	161.	NDWWTP - DISINFECTION	2,263
968150	1045.102804	162.	SOUTH DADE 54 INCH PCCP FM REHABILITATION	2,000
968150	1045.102807	163.	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	3,000
968150	1045.102808	164.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	3,250
964440	1046.102900	166.	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	1,000
968090	1047.103001	167.	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PUMP STATIONS	3,000
968150	1045.102809	168.	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	2,500
9652101	1008.102012	169.	SOUTHWEST DADE BOOSTER STATION (SP-1)	5,000
9650241	1009.102156	170.	DOWNTOWN BOOSTER STATION (CP-1)	3,500
9655481	1006.102056	171.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	3,000
964120	1044.102509	172.	SDWWTP - ODOR CONTROL	3,508
964120	1044.102618	173.	CDWWTP - CO-GEN FACILITY	1,000
968150	1045.102802	174.	GOVERNMENT CUT FM - PHASE 3	1,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
Sub-Total				\$360,308
Future Funding				
9652101	1008. 101985	2.	WASTEWATER FORCE MAINS UPGRADES	30,000
9653421	1003. 101991	8.	CDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION	8,500
9653401	1007. 101993	10.	SDWWTP CENTRATE TREATMENT PROCESS	105,000
9653401	1007. 101994	11.	SDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION - 8870	7,500
9653401	1007. 101995	12.	SDWWTP SUSTAINABILITY CARBON DIOXIDE SEQUESTERING WITH EFFLUENT REUSE - 7880	70,000
9650241	1009. 101996	13.	12 INCH DIP FM AT SW 87 AVE - 6850	828
9653201	1013. 101999	16.	WEST MAINTENANCE CENTER	40,590
9653201	1013. 102000	17.	GENERAL MAINTENANCE LAND ACQUISITION - SEWER	2,359
9653201	1013. 102001	18.	LEJEUNE ROAD OFFICE EXPANSION - PHASE 2	4,083
9652061	1032. 102004	21.	WWTP - MISCELLANEOUS UPGRADES	6,593
9653261	1029. 102018	33.	UPGRADE WHOLESALE WASTEWATER FLOW METERS	51,650
9653201	1013. 102030	40.	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS	25,000
9653411	1002. 102148	43.	NDWWTP INDUSTRIAL INJECTION WASTE WELLS (NE-5)	46,022
9653411	1002. 102149	44.	NDWWTP INDUSTRIAL PUMP STATION (NE-4)	54,202
9652101	1008. 102153	48.	60-INCH WEST MIAMI-DADE FORCE MAIN - NORTH	318,835
9652101	1008. 102154	49.	60-INCH WEST MIAMI-DADE FORCE MAIN - SOUTH	239,122



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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. 102155	50.	CL-8; 24-INCH CONNECTION IN SW 8TH ST. FROM SW 152ND AVE. TO 177TH AVE.	11,240
9651061	1010. 102158	53.	SL-3B TO 48"/54" FM ALONG 137TH AVE FROM SW 136TH ST TO SW 104TH ST	24,390
9653281	1019. 102195	79.	WASTEWATER NEEDS ASSESMENT FOR NEW GRAVITY SEWER PHASE 1	190,133
Sub-Total				\$1,236,048
Future Series - Revenue Bonds				
962670	1040. 101867	45.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	264,631
964120	1044. 102613	200.	CDWWTP - DIGESTERS PLANT 1	98,560
964120	1044. 102624	206.	CDWWTP -VENTILATION IMPROVEMENTS	9,572
964120	1044. 102502	208.	SDWWTP - OXYGENATION TRAINS	19,741
964120	1044. 102702	219.	NDWWTP - OXYGENATION TRAINS	66,154
964120	1044. 102704	221.	NDWWTP - SECONDARY CLARIFIERS	73,344
968150	1045. 102800	226.	COLLECTION SYSTEM I/I REPAIRS	78,643
962670	1040. 101858	236.	FLOW CONTROL PIPELINE INTERCONNECTION (CL-X)	4,706
9653371	1018. 101864	237.	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	378,469
962670	1040. 102034	239.	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	1,730,314
9651061	1010. 102063	240.	24-INCH FM CONNECTION FROM PS 1073 TO PS 691 (SL-6)	5,734
9652101	1008. 102064	241.	24-INCH FM FROM PS 416 TO 30-INCH FM AT NW 171 ST / 67 AVE (NL-6)	3,064



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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. 102065	242.	24-INCH FORCE MAIN EXTENSION IN NW 167 ST FROM NW 58 AVE TO NW 49 AVE THEN SOUTH TO NW 156 ST	3,153
9652101	1008. 102066	243.	30-INCH FORCE MAIN IN W 12 AVE (NW 67 AVE) FROM W 79 ST TO W 84 ST (NW 138 ST) (NL-3)	1,101
9652101	1008. 102069	246.	48-INCH FORCE MAIN CONNECTION FROM NW 62 AVE AT W 77 ST TO DISCHARGE FORCE MAIN OF PS 307 (NL-4)	10,405
962670	1040. 102070	247.	54-INCH FM FROM WP-1 (DORAL) TO WDWTP (CL-9)	94,792
962670	1040. 102071	248.	72-INCH FM CONNECTION IN SW 137 AVE TO CL-4 FM IN NW 6 ST (CL-5)	18,028
962670	1040. 102073	250.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	51,436
962670	1040. 102076	251.	EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWTP (CL-4)	168,101
962670	1040. 102080	253.	NDWWTP - PEAK FLOW TREATMENT (NT-3)	34,889
962670	1040. 102092	261.	WDWWTP - INJECTION WELL PUMP STATION (WE-1)	110,260
962670	1040. 102093	262.	WDWWTP - INJECTION WELLS (WE-2)	94,766
962670	1040. 102094	263.	WDWWTP - PEAK FLOW TREATMENT	38,049
962670	1040. 102125	272.	WWTP - STORM SURGE PROTECTION (XS-1)	154,847
962670	1040. 102068	300.	48-INCH FM CONNECTION IN NW 58 ST FROM NW 107 AVE TO NW 79 AVE - DORAL (CL-3)	39,029
964120	1044. 102606	301.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	19,458
964120	1044. 102608	302.	CDWWTP - RS PUMP STATIONS PLANT 1	14,915
964120	1044. 102607	304.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	17,769



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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. 102609	305.	CDWWTP - RS PUMP STATIONS PLANT 2	7,276
964120	1044. 102628	306.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	60,765
962670	1040. 102006	308.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	113,870
962670	1040. 102007	309.	NDWWTP- BZ DEEP INJECTION WELLS (NE-2)	40,267
962670	1040. 102008	310.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	32,879
962670	1040. 102009	311.	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	78,098
962670	1040. 102138	315.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	43,245
962670	1040. 101862	319.	UPGRADE AND EXPANSION TO PS 187 (CEP-187E)	57,402
9652101	1008. 102181	320.	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	82,739
9653411	1002. 102097	347.	CHEMICALLY ENHANCED PRIMARY TREATMENT AT NDWWTP	17,820
9653201	1013. 101506	348.	SOUTH MAINTENANCE CENTER	24,000
9650241	1009. 102046	349.	P.S. 2 BASIN UPGRADE - P.S. 2 UPGRADE	7,006
964120	1044. 102503	352.	SDWWTP - CHLORINE BUILDING	53
964120	1044. 102504	353.	SDWWTP - EFFLUENT PUMP STATION	13,020
964120	1044. 102505	354.	SDWWTP - GRAVITY SLUDGE THICKENERS	34,276
964120	1044. 102511	356.	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	500
964120	1044. 102601	357.	CDWWTP - BUILDING IMPROVEMENTS	62
964120	1044. 102605	358.	CDWWTP - OXYGENATION TRAINS PLANT 2	1,038



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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	359.	NDWWTP - OXYGEN PRODUCTION	14,152
964120	1044.102709	361.	NDWWTP - YARD PIPING REPLACEMENT	68
962670	1040.102075	362.	DORAL BOOSTER STATION (WP-1)	22,726
964120	1044.102614	363.	CDWWTP - DIGESTERS PLANT 2	124,981
964120	1044.102701	366.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	51,554
9652101	1008.102187	368.	48-INCH LINING FROM PS300 TO NDWWTP (XL-1)	23,091
9652101	1008.102189	369.	FM EXT. FROM 36-INCH AT NW 87 AVE / W 76 ST TO 48-INCH IN NW 67 AVE (NL-2)	35,214
9652101	1008.102190	370.	42-INCH FM FROM PS306 - RED ROAD (NL-1C)	33,614
9652101	1008.102191	372.	PUMP STATION 0306 (PS-306)	51,804
9651071	1015.102192	373.	OUT OF COMPLIANCE PUMP STATIONS	166,312
9653411	1002.101638	374.	NDWWTP - INJECTION WELLS PS UPGRADE	15,000
9655481	1006.101768	375.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	11,500
9655481	1006.102055	376.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	53,000
9652101	1008.101924	377.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	7,200
9652101	1008.102012	378.	SOUTHWEST DADE BOOSTER STATION (SP-1)	57,400
9652101	1008.102042	379.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	3,000
9652101	1008.102072	380.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	37,200
9652101	1008.102082	381.	NORTH DADE BOOSTER STATION AT NW 183 ST / NW 57 AVE (NP-1)	4,400



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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. 102121	382.	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	28,154
9650241	1009. 101757	383.	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	14,750
9650241	1009. 102156	384.	DOWNTOWN BOOSTER STATION (CP-1)	24,500
9650241	1009. 102157	385.	FM CONNECTIONS TO DOWNTOWN BOOSTER STATION	9,000
9651061	1010. 102067	386.	42-INCH FM CONNECTION FROM PS 691 TO PS 692 (SL-5)	26,000
9651061	1010. 102077	387.	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	34,000
9651061	1010. 102078	388.	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	7,500
9651061	1010. 102079	389.	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	49,700
9651061	1010. 102087	390.	UPGRADE PS 692 (SP-692E)	31,500
9653201	1013. 101108	393.	MIAMI SERVICE FACILITY - PHASE 2	6,000
9653201	1013. 101461	394.	NORTH MAINTENANCE CENTER	1,000
9653371	1018. 102124	395.	UPGRADE TO PS 552 (SP-522E)	6,000
964120	1044. 102507	396.	SDWWTP - DEWATERING FACILITY	59,000
964120	1044. 102510	397.	SDWWTP - GENERAL ELECTRICAL	2,331
964120	1044. 102604	398.	CDWWTP - OXYGENATION TRAINS PLANT 1	1,000
964120	1044. 102610	399.	CDWWTP - EFFLUENT PUMP STATION	2,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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. 102600	400.	CDWWTP - ELECTRICAL IMPROVEMENTS	4,500
962670	1040. 102010	401.	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	48,000
9652002	1021. 101934	402.	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	351
9650371	1025. 102126	403.	RELOCATION OF 20 PUMP STATIONS	29,000
964120	1044. 102611	404.	CDWWTP - SLUDGE THICKENERS PLANT 1	13,139
964120	1044. 102612	405.	CDWWTP - SLUDGE THICKENERS PLANT 2	2,000
964120	1044. 102620	406.	CDWWTP - PUMP STATION 1	5,000
964120	1044. 102626	407.	CDWWTP - OXYGEN PRODUCTION	22,554
964120	1044. 102617	408.	CDWWTP - ODOR CONTROL SYSTEMS	9,684
964120	1044. 102705	409.	NDWWTP - DISINFECTION	27,000
968150	1045. 102804	410.	SOUTH DADE 54 INCH PCCP FM REHABILITATION	41,500
968150	1045. 102807	411.	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	5,000
968150	1045. 102808	412.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	7,841
968090	1047. 103000	414.	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - GRAVITY AND FORCE MAINS	124,493
968090	1047. 103001	415.	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PUMP STATIONS	10,000
968150	1045. 102809	416.	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	4,000
964120	1044. 102509	417.	SDWWTP - ODOR CONTROL	11,123
9653371	1018. 101865	418.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	48,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102506	419.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	61,200
962670	1040.102151	420.	BZ EFFLUENT DISPOSAL PUMP STATION EXPANSION (SE-1)	15,000
9651061	1010.102088	421.	UPGRADE PS 1073 (SP-1073E)	6,500
9655481	1006.102056	422.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	8,500
964120	1044.102615	423.	CDWWTP - DEWATERING BUILDING	89,500
964120	1044.102618	424.	CDWWTP - CO-GEN FACILITY	2,000
9652101	1008.102086	426.	UPGRADE PS 416 (NP-416E)	1,800
Sub-Total				\$5,830,581
Future Series 2016 - Revenue Bonds				
964120	1044.102500	1.	SDWWTP - HEADWORKS	721
964120	1044.102501	2.	SDWWTP - OXYGEN PRODUCTION	2,019
964120	1044.102502	3.	SDWWTP - OXYGENATION TRAINS	2,414
964120	1044.102506	4.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	575
964120	1044.102507	5.	SDWWTP - DEWATERING FACILITY	3,467
964120	1044.102508	6.	SDWWTP - FOG REMOVAL FACILITY	3,390
964120	1044.102510	7.	SDWWTP - GENERAL ELECTRICAL	700
964120	1044.102511	8.	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	380
964120	1044.102600	9.	CDWWTP - ELECTRICAL IMPROVEMENTS	1,010
964120	1044.102601	10.	CDWWTP - BUILDING IMPROVEMENTS	2,278



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102602	11.	HEADWORKS PLANT 1	7,088
964120	1044.102603	12.	CDWWTP - HEADWORKS PLANT 2	6,462
964120	1044.102604	13.	CDWWTP - OXYGENATION TRAINS PLANT 1	1,943
964120	1044.102605	14.	CDWWTP - OXYGENATION TRAINS PLANT 2	5,736
964120	1044.102607	15.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	1,700
964120	1044.102609	16.	CDWWTP - RS PUMP STATIONS PLANT 2	1,258
964120	1044.102610	17.	CDWWTP - EFFLUENT PUMP STATION	506
964120	1044.102504	18.	SDWWTP - EFFLUENT PUMP STATION	3,194
962670	1040.102010	19.	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	3,686
962670	1040.102038	21.	CDWWTP - CENTRATE INJECTION WELL (CE-4)	1,738
962670	1040.102093	22.	WDWWTP - INJECTION WELLS (WE-2)	2,780
962670	1040.102150	25.	SDWWTP INDUSTRIAL WASTE INJECTION WELLS (SE-2)	1,810
962670	1040.102151	26.	BZ EFFLUENT DISPOSAL PUMP STATION EXPANSION (SE-1)	1,780
9652002	1021.101837	27.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	1,875
9652002	1021.101930	28.	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	79
9652002	1021.101933	29.	REPLACEMENT OF SUBMERSIBLE PUMPING EQUIPMENT	447
9652002	1021.101934	30.	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	524
9652002	1021.102159	31.	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	250



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9652481	1023.100621	32.	TELEMETERING SYSTEM - WASTEWATER	579
9650371	1025.102126	33.	RELOCATION OF 20 PUMP STATIONS	2,500
9653261	1029.101732	34.	SECURITY PROJECTS	608
9652061	1032.101885	35.	WWTP - VIDEO SURVEILANCE SYSTEM	69
964120	1044.102612	36.	CDWWTP - SLUDGE THICKENERS PLANT 2	1,460
964120	1044.102615	38.	CDWWTP - DEWATERING BUILDING	368
964120	1044.102617	40.	CDWWTP - ODOR CONTROL SYSTEMS	1,393
964120	1044.102620	41.	CDWWTP - PUMP STATION 1	201
964120	1044.102621	42.	CDWWTP - PUMP STATION 2	5,239
964120	1044.102623	43.	CDWWTP - GAS MONITORING	950
964120	1044.102626	44.	CDWWTP - OXYGEN PRODUCTION	750
964120	1044.102701	47.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	919
964120	1044.102703	48.	NDWWTP - OXYGEN PRODUCTION	85
964120	1044.102706	50.	NDWWTP - EFFLUENT DISPOSAL	3,336
968150	1045.102804	51.	SOUTH DADE 54 INCH PCCP FM REHABILITATION	7,223
964440	1046.102900	54.	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	3,674
964440	1046.102905	55.	REPLACEMENT OF SWITCHGEAR PS#0416	2,338
964440	1046.102907	56.	REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT IN PS#0107	4



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964440	1046.102908	57.	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	2,265
964440	1046.102909	58.	UPGRADE OF PS#0488	362
964440	1046.102911	59.	REPLACEMENT OF SWITCHGEAR AT PS#0187	3,085
964440	1046.102915	60.	UPGRADE OF PS #00198, 0437, 0466, 0680	1,781
964440	1046.102916	61.	UPGRADE OF PS #0037, 0351, 0370, 0403	1,598
964440	1046.102917	62.	UPGRADE OF PS #0441, 0491, 0710, 0827, 0852, 1236	807
968090	1047.103002	63.	SUPPLEMENTAL ENVIRONMENT PROJECT (SEP)	561
964440	1046.102910	64.	INSTALLATION OF 60 INCH FM FROM KENDALL DR TO PS#0536	674
9653411	1002.101638	65.	NDWWTP - INJECTION WELLS PS UPGRADE	423
9653411	1002.101947	66.	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	1,408
9653411	1002.102147	67.	NDWWTP CONSTRUCTION MANAGEMENT OFFICE	1,633
9653421	1003.101656	68.	CDWWTP - SLUDGE HANDLING FACILITY	1,396
9653421	1003.101838	69.	CDWWTP - 2 EMERGENCY GENERATORS	270
9653421	1003.102132	70.	CDWWTP SUBSTATION 19 AND 20 EMERGENCY REPLACEMENT OF ABB SWITCHGEAR	200
9653421	1003.102146	71.	CDWWTP - CONSTRUCTION MANAGEMENT OFFICE	2,481
9655481	1006.101769	72.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - HOMESTEAD EAST	600
9655481	1006.102055	73.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	1,876
9655481	1006.102056	74.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	1,777



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9655481	1006.102102	75.	SDWWTP FA MONITORING WELL REPLACEMENT	1,103
9652101	1008.101986	76.	18 INCH DIP FM FROM ISLAND DRIVE	377
9652101	1008.102012	77.	SOUTHWEST DADE BOOSTER STATION (SP-1)	1,939
9652101	1008.102072	78.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	1,401
9652101	1008.102082	79.	NORTH DADE BOOSTER STATION AT NW 183 ST / NW 57 AVE (NP-1)	189
9652101	1008.102086	80.	UPGRADE PS 416 (NP-416E)	336
9652101	1008.102121	81.	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	2,580
9652101	1008.102181	82.	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	22
9650241	1009.101757	83.	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	3,368
9650241	1009.102046	84.	P.S. 2 BASIN UPGRADE - P.S. 2 UPGRADE	50
9650241	1009.102074	85.	COCONUT GROVE REROUTE	847
9650241	1009.102156	86.	DOWNTOWN BOOSTER STATION (CP-1)	1,664
9650241	1009.102157	87.	FM CONNECTIONS TO DOWNTOWN BOOSTER STATION	1,197
9651061	1010.102050	88.	UPGRADE 4" FM FROM PS 733 ON US1	171
9651061	1010.102051	89.	UPGRADE 6" FM AT SW 160 ST AND 92 AVE	35
9651061	1010.102067	90.	42-INCH FM CONNECTION FROM PS 691 TO PS 692 (SL-5)	573
9651061	1010.102077	91.	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	76



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9651061	1010.102078	92.	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	2,222
9651061	1010.102079	93.	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	2,956
9651061	1010.102087	94.	UPGRADE PS 692 (SP-692E)	1,676
9651061	1010.102088	95.	UPGRADE PS 1073 (SP-1073E)	503
9650201	1011.100889	96.	REHABILITATION OF SEWER MAINS DUE TO I/I - DIG AND REPLACE	1,376
9653201	1013.101108	97.	MIAMI SERVICE FACILITY - PHASE 2	861
9653201	1013.101461	98.	NORTH MAINTENANCE CENTER	100
9653201	1013.101506	99.	SOUTH MAINTENANCE CENTER	500
9653201	1013.101653	100.	11TH STREET DISTRIBUTION FACILITY RENOVATION	300
9653201	1013.101654	101.	WESTWOOD LAKES FACILITY ELEVATOR RENOVATION	50
9653201	1013.101887	102.	MEDLEY YARD BUILDING	915
9653201	1013.102052	103.	MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION	200
9653381	1014.100984	104.	REFURBISH STRUCTURES IN PUMP STATIONS	100
9653371	1018.101710	106.	MASTER PUMP STATION NO. 3 (FORMERLY P.S. 8)	5,013
9653371	1018.101759	107.	48-INCH - ALLOWS P.S. 300 TO PUMP NORTH TO P.S. 1310 DISCHARGE (NL-7)	1,639
9653371	1018.101861	109.	CORAL GABLES REROUTE (CL-2)	485
9653371	1018.101864	110.	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	2,501
9653371	1018.101865	111.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	1,245



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653281	1019. 102128	113.	6" FM FROM PS 746 TO SW 156 ST & US1	547
9652002	1021. 101816	114.	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS	250
9652002	1021. 101823	115.	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	250
9652061	1032. 101808	116.	EMD GENERATOR HOUSING REPLACEMENT AT WWTP	550
9655481	1006. 101768	117.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	1,698
9653421	1003. 102183	118.	CDWWTP FOG RECOVERY STATION	1,000
9653281	1019. 100877	119.	SANITARY SEWER SYSTEM EXTENSION	2,113
964440	1046. 102903	120.	REPLACEMENT OF SWITCHGEAR PS#0414	2,719
9653371	1018. 102194	122.	WASTEWATER MASTER PLAN	1,900
9653371	1018. 101774	123.	FORCE MAIN IN DORAL N.W. 107TH AVE.	5,754
9651071	1015. 101454	124.	PUMP STATION IMPROVEMENT PROGRAM	12,545
			Sub-Total	\$182,603
			TOTAL	\$9,114,968

WATER



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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 2017 - Revenue Bonds				
9650031	1051. 101577	3.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	1,715
9650271	1059. 101507	6.	NORTH MAINTENANCE CENTER	143
9650271	1059. 101547	7.	MIAMI SERVICE FACILITY (PHASE 2)	172
2000000072	1084. 101678	8.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	3,331
9653311	1060. 101734	9.	WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA'S	8,000
9650161	1066. 101714	13.	SECURITY PROJECTS	545
9654061	1075. 101546	16.	WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS	906
9650161	1066. 100792	20.	WATER PLANTS REHABILITATION	3,500
9650041	1050. 101711	76.	HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	60
9650271	1059. 101084	77.	MIAMI SERVICE FACILITY - (PHASE 1)	65
9653311	1060. 100786	154.	WATER DISTRIBUTION SYSTEM EXTENSION	3,449
9654031	1053. 101540	159.	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	1,602



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653311	1060. 102111	178.	12/16 INCH WATER MAINS IN S. MIAMI-DADE AREA E	330
9654041	1054. 102112	179.	16/36/36-INCH WATER MAINS - SW 48 ST SW 40 ST SW 97 AVE - AREA Q	1,378
9654041	1054. 102115	182.	20/30-INCH WATER MAINS - SW 87 AVE - AREA P	1,316
9650021	1055. 102117	184.	24-INCH WATER MAIN - SW 137 AVE - AREA C	247
9654041	1054. 102120	187.	36-INCH WATER MAIN - SW 72 ST - AREA O	492
9654061	1075. 101891	196.	NEW NWWF HIGH SERVICE PUMP STATION	1,785
9650041	1050. 102106	207.	HYPOCHLORITE FEED/STORAGE AT PRESTON/HIALEAH WTP	933
9650031	1051. 102107	208.	HYPOCHLORITE FEED/STORAGE AT ORR WTP	1,113
9650271	1059. 101505	209.	SOUTH MAINTENANCE CENTER	10,285
9650031	1051. 101579	210.	ORR WTP - PUMPING UNIT NO. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	3,969
9650031	1051. 101882	222.	3 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	4,139
9650041	1050. 102127	224.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	1,704
9652821	1077. 102021	225.	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	3,126
2000000072	1084. 102144	237.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	816



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653311	1060. 102140	242.	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)	9,675
9610960	1072. 101581	245.	WTP - ELECTRICAL UPGRADES	3,522
2000000072	1084. 102137	247.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	10,660
2000000072	1084. 102142	248.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	5,589
9652821	1077. 101364	249.	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	2,800
9653311	1060. 101772	250.	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 2	17,591
9653311	1060. 101773	251.	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS HOMESTEAD EAST	10,840
9653311	1060. 102060	252.	INSTALLATION OF 36/48-INCH WM ALONG S.W. 117 TO 127 AVENUE (AREA N)	4,000
967190	1082. 102179	254.	36-INCH WATER MAIN NW 135 STREET	1,829
9650031	1051. 101694	260.	ORR WTP - SWITCHGEAR BUILDING AND TRANSFORMER	800
9653311	1060. 101771	261.	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 1	4,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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. 102136	264.	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE A	1,194
9650041	1050. 102104	267.	FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP	293
9650031	1051. 101946	268.	HYDROTREATOR DRIVES ASSEMBLES AND MOTORS	809
9650031	1051. 102175	271.	ALEXANDER ORR WATER TESTING LABORATORY	3,000
9650031	1051. 102177	272.	SLUDGE LINE PIGGING STATION AT ALEXANDER ORR WTP	260
9650021	1055. 102016	274.	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	504
9653311	1060. 101778	277.	DESIGN AND CONSTRUCTION OF PROPOSED 16 INCH WATER MAIN ON SW 192ND AVE BETWEEN SW 328 ST. TO SW 352 ST.	25
9610960	1072. 101880	278.	REPLACE AND UPGRADE ELECTRICAL GENERATOR AT ALL WTPS	4,510
9650271	1059. 101888	286.	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	1,094
967190	1082. 102178	287.	36-INCH WATER MAIN NW 106 STREET	4,218
9650031	1051. 101712	303.	ORR WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	750
9650141	1064. 102027	312.	AUTOMATED METER READING (AMR)	750
2000000072	1084. 102193	313.	WATER MASTER PLAN	1,026



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650031	1051.102109	315.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #1 AT ORR WTP	163
9650031	1051.102110	316.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #2 AT ORR WTP	320
9650031	1051.102166	317.	A. ORR WTP ELECTRICAL DUCT BANK FOR GENERATOR SWITCH GEAR	307
9650031	1051.102167	318.	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	92
9654031	1053.102116	319.	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	105
Sub-Total				\$145,850
Future Series 2018 - Revenue Bonds				
9650271	1059.101547	4.	MIAMI SERVICE FACILITY (PHASE 2)	1,626
9650041	1050.101504	49.	PRESTON WTP - NEW PUMP STATION EAST OF RESERVOIR	2,528
2000000072	1084.101678	80.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	4,885
9650161	1066.100792	82.	WATER PLANTS REHABILITATION	4,971
9650161	1066.101714	83.	SECURITY PROJECTS	545
9654061	1075.101546	84.	WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS	12,138
9650021	1055.102016	85.	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	3,735



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650031	1051. 101577	114.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	14,385
9654041	1054. 102112	146.	16/36/36-INCH WATER MAINS - SW 48 ST SW 40 ST SW 97 AVE - AREA Q	1,731
9654041	1054. 102115	148.	20/30-INCH WATER MAINS - SW 87 AVE - AREA P	485
9650021	1055. 102117	150.	24-INCH WATER MAIN - SW 137 AVE - AREA C	1,046
9654041	1054. 102120	153.	36-INCH WATER MAIN - SW 72 ST - AREA O	520
9654061	1075. 101891	164.	NEW NWWF HIGH SERVICE PUMP STATION	4,213
9650271	1059. 101507	168.	NORTH MAINTENANCE CENTER	1,295
9650271	1059. 101505	184.	SOUTH MAINTENANCE CENTER	8,140
2000000072	1084. 102144	194.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	328
9653311	1060. 100786	197.	WATER DISTRIBUTION SYSTEM EXTENSION	2,591
9653311	1060. 102140	198.	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)	19,000
9652821	1077. 101364	200.	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	3,800
967190	1082. 102179	204.	36-INCH WATER MAIN NW 135 STREET	8,204
2000000072	1084. 102137	211.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	15,006



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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. 102142	212.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	5,875
9650041	1050. 101711	216.	HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	21
9650031	1051. 101694	217.	ORR WTP - SWITCHGEAR BUILDING AND TRANSFORMER	809
9650031	1051. 102107	218.	HYPOCHLORITE FEED/STORAGE AT ORR WTP	10,116
9653311	1060. 101771	219.	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 1	1,276
9610960	1072. 101581	221.	WTP - ELECTRICAL UPGRADES	6,367
9654031	1053. 101540	223.	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	8,297
9652821	1077. 102021	225.	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	2,233
9650031	1051. 101579	226.	ORR WTP - PUMPING UNIT NO. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	444
9650041	1050. 102104	239.	FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP	529
9650041	1050. 102127	240.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	1,296
9650031	1051. 101882	241.	3 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	2,000
9650031	1051. 101946	242.	HYDROTREATOR DRIVES ASSEMBLES AND MOTORS	39



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650031	1051. 102109	243.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #1 AT ORR WTP	2,637
9650031	1051. 102110	244.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #2 AT ORR WTP	832
9650031	1051. 102166	245.	A. ORR WTP ELECTRICAL DUCT BANK FOR GENERATOR SWITCH GEAR	1,979
9650031	1051. 102167	246.	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	2,624
9650031	1051. 102175	247.	ALEXANDER ORR WATER TESTING LABORATORY	3,500
9654031	1053. 102116	248.	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	1,543
9650271	1059. 101084	249.	MIAMI SERVICE FACILITY - (PHASE 1)	129
9650271	1059. 101888	250.	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	2
9650031	1051. 102177	251.	SLUDGE LINE PIGGING STATION AT ALEXANDER ORR WTP	569
9654061	1075. 101407	252.	PRESTON WTP - IMPROVEMENTS TO FILTERS	1,013
9610960	1072. 101880	253.	REPLACE AND UPGRADE ELECTRICAL GENERATOR AT ALL WTPS	1,000
967190	1082. 102178	259.	36-INCH WATER MAIN NW 106 STREET	2,953
2000000072	1084. 102136	260.	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE A	3,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650031	1051. 101712	283.	ORR WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	374
9650141	1064. 102027	298.	AUTOMATED METER READING (AMR)	1,850
Sub-Total				\$174,476
Future Series 2019 - Revenue Bonds				
9650031	1051. 101577	26.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	18,662
9653311	1060. 100786	27.	WATER DISTRIBUTION SYSTEM EXTENSION	2,466
2000000072	1084. 101678	28.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	5,400
9654041	1054. 102112	60.	16/36/36-INCH WATER MAINS - SW 48 ST SW 40 ST SW 97 AVE - AREA Q	13,426
9654041	1054. 102115	61.	20/30-INCH WATER MAINS - SW 87 AVE - AREA P	6,355
9650021	1055. 102117	63.	24-INCH WATER MAIN - SW 137 AVE - AREA C	850
9654041	1054. 102120	66.	36-INCH WATER MAIN - SW 72 ST - AREA O	575
9650271	1059. 101547	75.	MIAMI SERVICE FACILITY (PHASE 2)	1,131
9654061	1075. 101546	78.	WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS	15,342
9654061	1075. 101891	115.	NEW NWWF HIGH SERVICE PUMP STATION	15,142



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650021	1055. 102016	127.	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	2
2000000072	1084. 102144	134.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	4,570
9650271	1059. 101507	139.	NORTH MAINTENANCE CENTER	571
9652821	1077. 101364	141.	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	6,816
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)	7,000
9650041	1050. 101504	152.	PRESTON WTP - NEW PUMP STATION EAST OF RESERVOIR	2,994
9650031	1051. 102107	153.	HYPOCHLORITE FEED/STORAGE AT ORR WTP	1,208
9650271	1059. 101505	154.	SOUTH MAINTENANCE CENTER	3,000
9610960	1072. 101581	159.	WTP - ELECTRICAL UPGRADES	127
2000000072	1084. 102137	160.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	4,921
2000000072	1084. 102142	161.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	5,000
9652821	1077. 102021	164.	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	4,396
9650041	1050. 102104	173.	FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP	2,178



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650031	1051. 102110	174.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #2 AT ORR WTP	2,008
9650031	1051. 102166	175.	A. ORR WTP ELECTRICAL DUCT BANK FOR GENERATOR SWITCH GEAR	1,142
9650031	1051. 102167	176.	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	6,122
9654031	1053. 102116	177.	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	48
9650271	1059. 101084	178.	MIAMI SERVICE FACILITY - (PHASE 1)	935
9650031	1051. 101579	179.	ORR WTP - PUMPING UNIT NO. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	1,812
9650031	1051. 102177	180.	SLUDGE LINE PIGGING STATION AT ALEXANDER ORR WTP	60
9654061	1075. 101407	181.	PRESTON WTP - IMPROVEMENTS TO FILTERS	2,583
9650031	1051. 101945	200.	HGIH SERVICE PUMP AND MOTOR IMPROVEMENTS EAST & WEST ROOM - VFD	200
9650141	1064. 102027	226.	AUTOMATED METER READING (AMR)	3,363
Sub-Total				\$140,401
Future Series 2020 - Revenue Bonds				
9654041	1054. 102112	86.	16/36/36-INCH WATER MAINS - SW 48 ST SW 40 ST SW 97 AVE - AREA Q	10,657
9654041	1054. 102115	87.	20/30-INCH WATER MAINS - SW 87 AVE - AREA P	4,696
9654041	1054. 102120	89.	36-INCH WATER MAIN - SW 72 ST - AREA O	4,333



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650021	1055. 102117	91.	24-INCH WATER MAIN - SW 137 AVE - AREA C	2,492
9650271	1059. 101547	92.	MIAMI SERVICE FACILITY (PHASE 2)	9,282
2000000072	1084. 101678	93.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	6,500
9650031	1051. 101577	96.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	15,834
2000000072	1084. 102144	103.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	203
9652821	1077. 101364	106.	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	21,221
9653311	1060. 102140	111.	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)	10,000
9654061	1075. 101546	112.	WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS	50,171
9650041	1050. 101504	114.	PRESTON WTP - NEW PUMP STATION EAST OF RESERVOIR	744
9650271	1059. 101505	116.	SOUTH MAINTENANCE CENTER	1,000
2000000072	1084. 102142	118.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	4,000
9650031	1051. 102167	129.	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	294
9650271	1059. 101507	130.	NORTH MAINTENANCE CENTER	7,758



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650031	1051. 101579	131.	ORR WTP - PUMPING UNIT NO. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	2,117
9654061	1075. 101407	132.	PRESTON WTP - IMPROVEMENTS TO FILTERS	6,284
9654061	1075. 101891	138.	NEW NWWF HIGH SERVICE PUMP STATION	20,000
2000000072	1084. 102141	152.	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE B	867
9650031	1051. 101945	158.	HGIH SERVICE PUMP AND MOTOR IMPROVEMENTS EAST & WEST ROOM - VFD	2,250
9650141	1064. 102027	198.	AUTOMATED METER READING (AMR)	7,842
9652821	1077. 102021	199.	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	150
			Sub-Total	\$188,696
			Future Series 2021 - Revenue Bonds	
9650031	1051. 101577	66.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	8,000
9653311	1060. 102140	68.	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)	12,500
9654061	1075. 101546	69.	WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS	59,444
9652821	1077. 101364	70.	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	54,543



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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. 101678	71.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	5,500
9650041	1050. 102170	74.	HIALEAH/PRESTON WTP FEEDERS/MOTOR CONTROL CENTER	285
9650041	1050. 102171	75.	HIALEAH/PRESTON WTP TRANSFORMER	489
9650041	1050. 102173	76.	PRESTON WTP HS PUMP ROOM SWITCHGEAR	686
9650041	1050. 101504	77.	PRESTON WTP - NEW PUMP STATION EAST OF RESERVOIR	10,940
9650031	1051. 102168	78.	A. ORR WTP FEEDER/MOTOR CONTROL CENTER	245
9650031	1051. 102169	79.	A. ORR WTP PUMP ROOM FOR SOFTENER CLUSTERS 1-8 AND 11-14	228
9650031	1051. 102174	80.	SNAPPER CREEK WELLFIELD FEEDERS AND SWITCHGEAR	245
9650031	1051. 102180	81.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	686
9654041	1054. 101441	82.	54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)	137
9654041	1054. 102112	83.	16/36/36-INCH WATER MAINS - SW 48 ST SW 40 ST SW 97 AVE - AREA Q	4,000
9654041	1054. 102120	84.	36-INCH WATER MAIN - SW 72 ST - AREA O	930
9650021	1055. 102117	85.	24-INCH WATER MAIN - SW 137 AVE - AREA C	8,738
9650271	1059. 101507	86.	NORTH MAINTENANCE CENTER	350
9654041	1054. 102118	87.	30/36-INCH WATER MAINS - SW 157 AVE SW 88 ST - AREA D	515



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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. 102172	90.	NW WELLFIELD ELECTRICAL DUCT BANK AND FEEDER	245
9654061	1075. 102176	91.	MONITORING WELL INSTALLATION	82
9654061	1075. 101891	99.	NEW NWWF HIGH SERVICE PUMP STATION	1,500
2000000072	1084. 102141	113.	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE B	1,500
2000000072	1084. 102142	116.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	4,000
9650031	1051. 101945	121.	HGIH SERVICE PUMP AND MOTOR IMPROVEMENTS EAST & WEST ROOM - VFD	3,550
9650141	1064. 102027	175.	AUTOMATED METER READING (AMR)	12,713
2000000072	1084. 102144	176.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	1,000
Sub-Total				\$193,051
Future Funding				
2000000072	1084. 102144	78.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	293,928
Sub-Total				\$293,928
Future Series - Revenue Bonds				



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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. 101546	323.	WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS	301,844
2000000072	1084. 101678	324.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	17,885
9650041	1050. 102170	332.	HIALEAH/PRESTON WTP FEEDERS/MOTOR CONTROL CENTER	465
9650041	1050. 102171	333.	HIALEAH/PRESTON WTP TRANSFORMER	1,011
9650041	1050. 102173	334.	PRESTON WTP HS PUMP ROOM SWITCHGEAR	2,314
9650041	1050. 101504	335.	PRESTON WTP - NEW PUMP STATION EAST OF RESERVOIR	26,493
9650031	1051. 102168	336.	A. ORR WTP FEEDER/MOTOR CONTROL CENTER	505
9650031	1051. 102169	337.	A. ORR WTP PUMP ROOM FOR SOFTENER CLUSTERS 1-8 AND 11-14	472
9650031	1051. 102174	338.	SNAPPER CREEK WELLFIELD FEEDERS AND SWITCHGEAR	505
9650031	1051. 102180	339.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	2,314
9654041	1054. 101441	340.	54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)	10,323
9650021	1055. 102117	341.	24-INCH WATER MAIN - SW 137 AVE - AREA C	977
9654041	1054. 102118	342.	30/36-INCH WATER MAINS - SW 157 AVE SW 88 ST - AREA D	4,191
9654061	1075. 102172	345.	NW WELLFIELD ELECTRICAL DUCT BANK AND FEEDER	505



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 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	346.	MONITORING WELL INSTALLATION	668
9652821	1077. 101364	350.	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	129,156
9653311	1060. 102140	351.	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)	32,080
2000000072	1084. 102142	360.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	9,847
9650031	1051. 101945	365.	HGIH SERVICE PUMP AND MOTOR IMPROVEMENTS EAST & WEST ROOM - VFD	1,000
9650141	1064. 102027	425.	AUTOMATED METER READING (AMR)	223,084
9652821	1077. 102021	427.	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	15,300
Sub-Total				\$780,941
Future Series 2016 - Revenue Bonds				
2000000072	1084. 101678	11.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	2,378
9654061	1075. 101891	13.	NEW NWWF HIGH SERVICE PUMP STATION	610
9650161	1066. 100792	15.	WATER PLANTS REHABILITATION	4,500
9650161	1066. 101714	16.	SECURITY PROJECTS	1,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650041	1050. 101711	23.	HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	316
9650031	1051. 101577	26.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	4,913
9654031	1053. 101540	110.	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	1,592
9650271	1059. 101505	112.	SOUTH MAINTENANCE CENTER	8,316
9653311	1060. 100786	195.	WATER DISTRIBUTION SYSTEM EXTENSION	4,000
9650031	1051. 102109	222.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #1 AT ORR WTP	200
9650031	1051. 102110	223.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #2 AT ORR WTP	40
9654041	1054. 102112	227.	16/36/36-INCH WATER MAINS - SW 48 ST SW 40 ST SW 97 AVE - AREA Q	418
9654041	1054. 102115	230.	20/30-INCH WATER MAINS - SW 87 AVE - AREA P	184
9650041	1050. 102127	238.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	371
9650041	1050. 102106	240.	HYPOCHLORITE FEED/STORAGE AT PRESTON/HIALEAH WTP	5,279
9650031	1051. 102107	241.	HYPOCHLORITE FEED/STORAGE AT ORR WTP	1,017
9650031	1051. 101694	250.	ORR WTP - SWITCHGEAR BUILDING AND TRANSFORMER	2,230



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650031	1051. 101579	252.	ORR WTP - PUMPING UNIT NO. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	1,298
9650031	1051. 101882	253.	3 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	2,482
963110	1070. 101470	275.	WATER TREATMENT PLANTS AND WELLFIELDS - SCADA SYSTEM	330
9650041	1050. 101884	282.	REHABILITATION PRESTON PLANT ACCELATORS	2,500
9650031	1051. 101946	284.	HYDROTREATOR DRIVES ASSEMBLES AND MOTORS	153
9650271	1059. 101888	285.	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	204
9653311	1060. 101843	287.	NEW NORTH DADE 16 INCH TRANSMISSION MAIN	1,730
9652821	1077. 101364	290.	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	1,500
9653311	1060. 101771	291.	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 1	4,026
967190	1082. 102179	296.	36-INCH WATER MAIN NW 135 STREET	965
9650041	1050. 102134	304.	PURCHASE OF LAKE PROPERTY ADJACENT TO NORTHWEST WELLFIELD	2,335
9650031	1051. 102103	305.	ELECTRICAL UPGADES FOR ALEXANDER ORR LIME PLANT	1,067
9650031	1051. 102166	306.	A. ORR WTP ELECTRICAL DUCT BANK FOR GENERATOR SWITCH GEAR	73
9650031	1051. 102167	307.	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	737
9650031	1051. 102175	308.	ALEXANDER ORR WATER TESTING LABORATORY	2,500



MIAMI-DADE WATER AND SEWER DEPARTMENT

ADOPTED 2016-2022 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650031	1051. 102177	309.	SLUDGE LINE PIGGING STATION AT ALEXANDER ORR WTP	395
9654031	1053. 102116	310.	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	131
9650021	1055. 102016	311.	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	258
9654041	1054. 102120	312.	36-INCH WATER MAIN - SW 72 ST - AREA O	96
9653311	1060. 101778	313.	DESIGN AND CONSTRUCTION OF PROPOSED 16 INCH WATER MAIN ON SW 192ND AVE BETWEEN SW 328 ST. TO SW 352 ST.	936
9610960	1072. 101880	314.	REPLACE AND UPGRADE ELECTRICAL GENERATOR AT ALL WTPS	2,000
967190	1082. 102178	321.	36-INCH WATER MAIN NW 106 STREET	787
9610960	1072. 101581	324.	WTP - ELECTRICAL UPGRADES	500
9650031	1051. 101712	328.	ORR WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	500
9653311	1060. 101734	329.	WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA'S	1,138
2000000072	1084. 102193	121.	WATER MASTER PLAN	1,000
			Sub-Total	\$67,007
			TOTAL	\$1,984,350