



MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED FY 2017-2023 CAPITAL BUDGET AND
MULTI-YEAR CAPITAL PLAN



BCC APPROVED
SEPTEMBER 28, 2017

SUMMARY EXHIBITS



**Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN**

COMBINED WATER AND WASTEWATER PROJECTS

Version 3

REVENUE SUMMARY (in Thousands of Dollars)

- All Projects

Fund Description	Prior			Projections							Future	Total
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
WASD Revenue Bonds Sold	1,563	0	1,563	0	0	0	0	0	0	0	0	1,563
Renewal & Replacement Fund	281,260	80,000	361,260	80,000	80,000	80,000	80,000	80,000	80,000	80,000	248,500	1,089,760
Plant Expansion Fund	68,746	92,008	160,753	41,614	15,357	0	0	0	0	0	0	217,725
State Revolving Loans - Water	7,070	11,708	18,778	3,019	1,048	0	0	0	0	0	0	22,846
Fire Hydrant Fund	37,142	1,079	38,221	3,500	3,500	3,500	3,500	3,500	3,500	3,500	5,921	65,142
General Obligation Bonds	21,523	6,991	28,514	13,333	19,512	20,613	24,209	25,425	25,586	14,783	171,974	
Special Construction Fund	59,306	595	59,901	0	1,000	1,000	1,000	2,000	2,000	0	66,901	
Future WASD Revenue Bonds	0	0	0	400,000	396,904	392,747	429,629	428,439	459,477	7,396,501	9,903,696	
State Revolving Loans - Wastewater	18,677	1,211	19,888	0	0	0	0	0	0	0	19,888	
Rock Mining Mitigation Fees	13,201	250	13,451	5,239	0	0	0	0	0	0	18,689	
Construction - 2010 Bonds	75,821	0	75,821	0	0	0	0	0	0	0	75,821	
Miami Springs Construction Fund	1,885	942	2,828	1,255	2,310	2,008	1,000	0	0	0	9,400	
Future Funding	0	0	0	0	0	0	0	0	0	984,531	984,531	
Construction - 2013 Bonds	254,801	0	254,801	0	0	0	0	0	0	0	254,801	
WASD Commercial Paper - 2015	396,739	0	396,739	0	0	0	0	0	0	0	396,739	
Total	1,237,734	194,784	1,432,518	547,960	519,631	499,867	539,338	539,364	570,563	8,650,236	13,299,477	



**Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN**

COMBINED WATER AND WASTEWATER

Version 3

EXPENDITURE SUMMARY (in Thousands of Dollars)

- All Projects

Fund Description	Prior			Projections							
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total
WASD Revenue Bonds Sold	1,563	0	1,563	0	0	0	0	0	0	0	1,563
Renewal & Replacement Fund	230,592	100,941	331,533	109,727	80,000	80,000	80,000	80,000	80,000	248,500	1,089,760
Plant Expansion Fund	67,255	93,498	160,753	41,614	15,357	0	0	0	0	0	217,725
State Revolving Loans - Water	7,070	11,708	18,778	3,019	1,048	0	0	0	0	0	22,846
Fire Hydrant Fund	34,721	3,500	38,221	3,500	3,500	3,500	3,500	3,500	3,500	5,921	65,142
General Obligation Bonds	21,523	6,991	28,514	13,333	19,512	20,613	24,209	25,425	25,586	14,783	171,974
Special Construction Fund	11,294	16,500	27,794	14,516	3,500	3,500	3,500	4,500	9,592	0	66,901
Future WASD Revenue Bonds	0	0	0	400,000	396,904	392,747	429,629	428,439	459,477	7,396,501	9,903,696
State Revolving Loans - Wastewater	18,677	1,211	19,888	0	0	0	0	0	0	0	19,888
Rock Mining Mitigation Fees	13,201	250	13,451	5,239	0	0	0	0	0	0	18,689
Construction - 2010 Bonds	75,453	369	75,821	0	0	0	0	0	0	0	75,821
Miami Springs Construction Fund	1,885	942	2,828	1,255	2,310	2,008	1,000	0	0	0	9,400
Future Funding	0	0	0	0	0	0	0	0	0	984,531	984,531
Construction - 2013 Bonds	252,273	2,528	254,801	0	0	0	0	0	0	0	254,801
WASD Commercial Paper - 2015	90,858	305,880	396,738	0	0	0	0	0	0	0	396,738
Total	826,366	544,318	1,370,684	592,203	522,131	502,367	541,838	541,864	578,154	8,650,236	13,299,477



**Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN**

WASTEWATER PROJECTS

Version 3

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

Fund Description	Prior			Projections							Total
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	
WASD Revenue Bonds Sold	86	0	86	0	0	0	0	0	0	0	86
Wastewater Renewal & Replacement Fund	144,930	51,148	196,078	40,000	45,500	45,500	45,500	45,500	45,500	214,000	677,578
Plant Expansion Fund - Wastewater	66,471	77,866	144,336	7,045	7,161	0	0	0	0	0	158,541
General Obligation Bonds	8,807	3,874	12,681	8,724	16,013	18,562	22,339	25,425	25,586	14,783	144,113
Wastewater Special Construction Fund	28,219	0	28,219	0	0	0	0	0	0	0	28,219
Future WASD Revenue Bonds	0	0	0	292,260	274,289	294,667	339,011	364,124	395,757	6,330,705	8,290,814
State Revolving Loans - Wastewater	18,677	1,211	19,888	0	0	0	0	0	0	0	19,888
Construction - 2010 Bonds	39,136	0	39,136	0	0	0	0	0	0	0	39,136
Miami Springs Construction Fund	867	207	1,074	252	0	0	0	0	0	0	1,326
Future Funding	0	0	0	0	0	0	0	0	0	692,103	692,103
S Construction - 2013 Bonds	215,549	0	215,549	0	0	0	0	0	0	0	215,549
WASD Wastewater Commercial Paper - 2015	323,928	0	323,928	0	0	0	0	0	0	0	323,928
Total	846,669	134,305	980,975	348,280	342,963	358,729	406,850	435,049	466,843	7,251,591	10,591,281

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
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN**

WASTEWATER PROJECTS

Version 3

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

Fund Description	Prior			Projections								Total
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		
WASD Revenue Bonds Sold	86	0	86	0	0	0	0	0	0	0	0	86
Wastewater Renewal & Replacement Fund	119,934	56,010	175,944	60,134	45,500	45,500	45,500	45,500	45,500	214,000	677,578	
Plant Expansion Fund - Wastewater	64,980	79,356	144,336	7,045	7,161	0	0	0	0	0	158,541	
General Obligation Bonds	8,807	3,874	12,681	8,724	16,013	18,562	22,339	25,425	25,586	14,783	144,113	
Wastewater Special Construction Fund	6,393	2,500	8,893	1,734	2,500	2,500	2,500	2,500	7,592	0	28,219	
Future WASD Revenue Bonds	0	0	0	292,260	274,289	294,667	339,011	364,124	395,757	6,330,705	8,290,814	
State Revolving Loans - Wastewater	18,677	1,211	19,888	0	0	0	0	0	0	0	19,888	
Construction - 2010 Bonds	38,767	369	39,136	0	0	0	0	0	0	0	39,136	
Miami Springs Construction Fund	867	207	1,074	252	0	0	0	0	0	0	1,326	
Future Funding	0	0	0	0	0	0	0	0	0	692,103	692,103	
S Construction - 2013 Bonds	215,221	328	215,549	0	0	0	0	0	0	0	215,549	
WASD Wastewater Commercial Paper - 2015	70,755	253,173	323,928	0	0	0	0	0	0	0	323,928	
Total	544,487	397,028	941,515	370,148	345,463	361,229	409,350	437,549	474,435	7,251,591	10,591,281	

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
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN**

WATER PROJECTS

Version 3

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

Fund Description	Prior			Projections							Total
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	
WASD Revenue Bonds Sold	1,478	0	1,478	0	0	0	0	0	0	0	1,478
Water Renewal & Replacement Fund	136,330	28,852	165,182	40,000	34,500	34,500	34,500	34,500	34,500	34,500	412,182
Plant Expansion Fund - Water	2,275	14,142	16,417	34,570	8,197	0	0	0	0	0	59,184
State Revolving Loans - Water	7,070	11,708	18,778	3,019	1,048	0	0	0	0	0	22,846
Fire Hydrant Fund	37,142	1,079	38,221	3,500	3,500	3,500	3,500	3,500	3,500	5,921	65,142
General Obligation Bonds	12,716	3,117	15,833	4,609	3,499	2,051	1,870	0	0	0	27,862
Water Special Construction Fund	31,087	595	31,682	0	1,000	1,000	1,000	2,000	2,000	0	38,682
Future WASD Revenue Bonds	0	0	0	107,740	122,614	98,080	90,617	64,314	63,720	1,065,797	1,612,882
Rock Mining Mitigation Fees	13,201	250	13,451	5,239	0	0	0	0	0	0	18,689
Construction - 2010 Bonds	36,685	0	36,685	0	0	0	0	0	0	0	36,685
Miami Springs Construction Fund	1,018	735	1,753	1,004	2,310	2,008	1,000	0	0	0	8,074
Future Funding	0	0	0	0	0	0	0	0	0	292,428	292,428
W Construction - 2013 Bonds	39,252	0	39,252	0	0	0	0	0	0	0	39,252
WASD Water Commercial Paper - 2015	72,811	0	72,811	0	0	0	0	0	0	0	72,811
Total	391,065	60,479	451,544	199,680	176,668	141,138	132,487	104,314	103,720	1,398,645	2,708,196

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
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN**

WATER PROJECTS

Version 3

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

Fund Description	Prior			Projections								Total
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		
WASD Revenue Bonds Sold	1,478	0	1,478	0	0	0	0	0	0	0	0	1,478
Water Renewal & Replacement Fund	110,658	44,931	155,589	49,594	34,500	34,500	34,500	34,500	34,500	34,500	34,500	412,182
Plant Expansion Fund - Water	2,275	14,142	16,417	34,570	8,197	0	0	0	0	0	0	59,184
State Revolving Loans - Water	7,070	11,708	18,778	3,019	1,048	0	0	0	0	0	0	22,846
Fire Hydrant Fund	34,721	3,500	38,221	3,500	3,500	3,500	3,500	3,500	3,500	3,500	5,921	65,142
General Obligation Bonds	12,716	3,117	15,833	4,609	3,499	2,051	1,870	0	0	0	0	27,862
Water Special Construction Fund	4,900	14,000	18,900	12,781	1,000	1,000	1,000	2,000	2,000	0	0	38,682
Future WASD Revenue Bonds	0	0	0	107,740	122,614	98,080	90,617	64,314	63,720	1,065,797	0	1,612,882
Rock Mining Mitigation Fees	13,201	250	13,451	5,239	0	0	0	0	0	0	0	18,689
Construction - 2010 Bonds	36,685	0	36,685	0	0	0	0	0	0	0	0	36,685
Miami Springs Construction Fund	1,018	735	1,753	1,004	2,310	2,008	1,000	0	0	0	0	8,074
Future Funding	0	0	0	0	0	0	0	0	0	292,428	0	292,428
W Construction - 2013 Bonds	37,052	2,200	39,252	0	0	0	0	0	0	0	0	39,252
WASD Water Commercial Paper - 2015	20,103	52,708	72,811	0	0	0	0	0	0	0	0	72,811
Total	281,878	147,291	429,169	222,055	176,668	141,138	132,487	104,314	103,720	1,398,645	0	2,708,196

Prepared by Capital Planning and Coordination Section

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

OMB REPORTS

FY 2017 - 18 Proposed Budget and Multi-Year Capital Plan

Water and Sewer

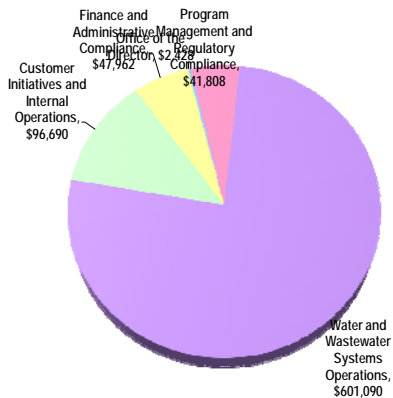
The Miami-Dade Water and Sewer Department (WASD) provides high-quality drinking water and wastewater disposal services, safeguarding public health and the environment, while planning for future growth, implementing water conservation measures, and providing for process improvements and cost efficiencies.

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, one shared City of Hialeah reverse osmosis, and five local water treatment plants, with a total permitted capacity of 464 million gallons per day (MGD), and three regional wastewater treatment plants with a total permitted capacity of 376 MGD. Additionally, WASD operates and maintains 94 water supply wells (grouped into 14 wellfields) in the Biscayne Aquifer; five aquifer storage and recovery wells in the Floridian Aquifer; more than 1,000 sewer pump stations; more than 8,500 miles of water distribution mains; and 6,400 miles of wastewater mains and lateral collection pipes. The Department implements water conservation measures, provides high quality drinking water, and plans and improves infrastructure for future growth.

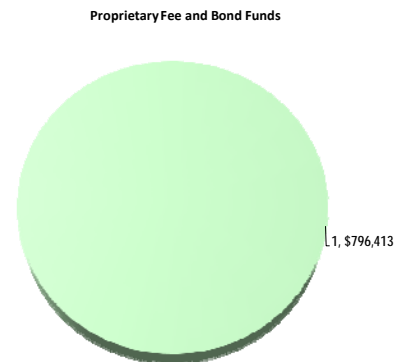
The Department delivers water and sewer services to most residents and businesses within Miami-Dade County, serving approximately 441,000 water and 357,000 wastewater retail customers as of September 30, 2016. Additionally, service is provided to 15 wholesale (municipal) water customers and to 13 wholesale (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 2017-18 Proposed Budget

Expenditures by Activity (dollars in thousands)

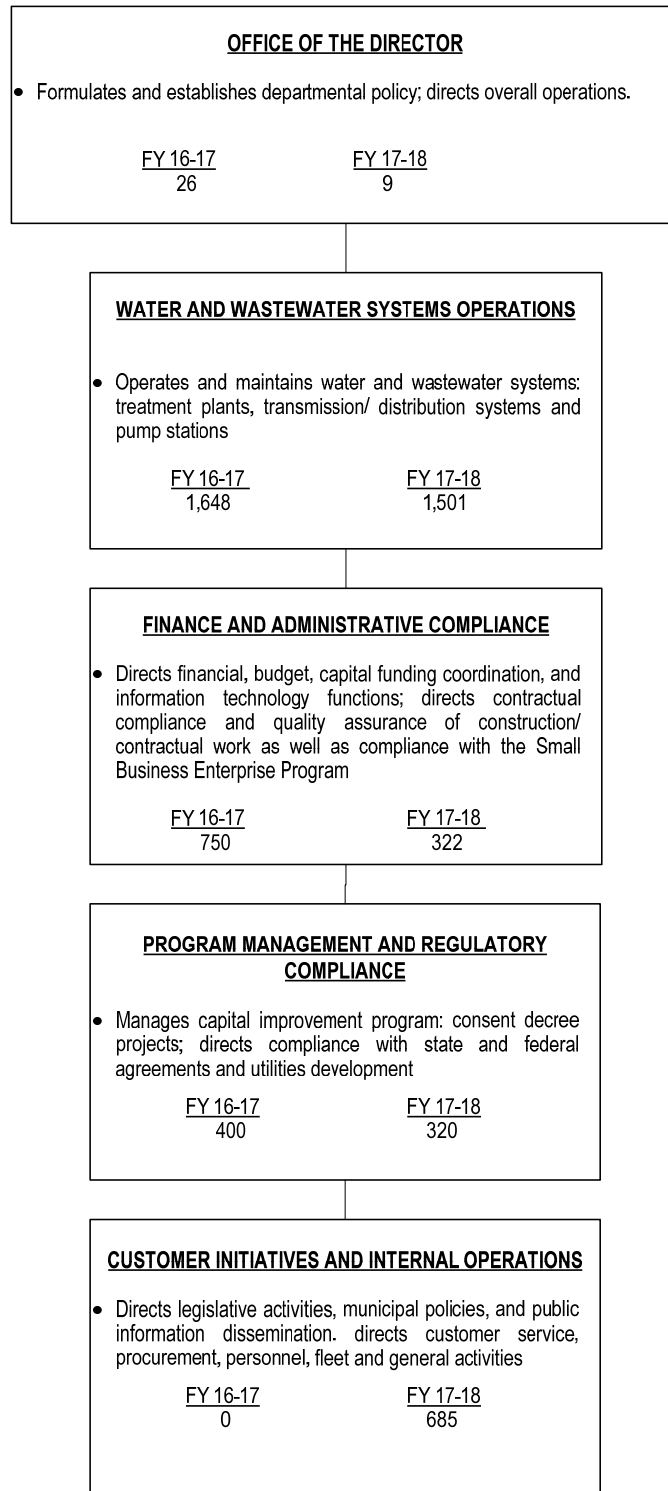


Revenues by Source (dollars in thousands)



FY 2017 - 18 Proposed Budget and Multi-Year Capital Plan

TABLE OF ORGANIZATION



The FY 2017-18 total number of full-time equivalent positions is 2,837

FY 2017 - 18 Proposed Budget and Multi-Year Capital Plan

FINANCIAL SUMMARY

(dollars in thousands)	Actual FY 14-15	Actual FY 15-16	Budget FY 16-17	Proposed FY 17-18
Revenue Summary				
Carryover	59,430	63,834	68,551	71,638
Miscellaneous Non-Operating	1,475	1,876	1,502	2,351
Other Revenues	28,305	28,685	27,980	30,253
Retail Wastewater	252,737	273,058	283,752	303,747
Retail Water	233,464	247,088	263,203	275,311
Transfer From Other Funds	5,000	5,000	0	4,084
Wholesale Wastewater	61,802	82,379	80,166	73,778
Wholesale Water	37,008	28,572	28,242	35,251
Loan Repayments	5,000	5,000	5,000	0
Total Revenues	684,221	735,492	758,396	796,413
Operating Expenditures Summary				
Salary	162,569	165,050	170,136	177,634
Fringe Benefits	51,008	56,857	61,882	66,895
Contractual Services	75,619	89,839	99,473	103,861
Other Operating	39,513	28,390	46,939	43,990
Charges for County Services	47,147	48,353	51,398	52,814
Capital	72,648	67,547	82,469	82,192
Total Operating Expenditures	448,504	456,036	512,297	527,386
Non-Operating Expenditures Summary				
Transfers	0	5,000	1,175	0
Distribution of Funds In Trust	0	0	0	0
Debt Service	164,722	169,392	173,286	194,828
Depreciation, Amortizations and Depletion	0	0	0	0
Reserve	0	0	71,638	74,199
Total Non-Operating Expenditures	164,722	174,392	246,099	269,027

(dollars in thousands)	Total Funding		Total Positions	
Expenditure By Program	Budget FY 16-17	Proposed FY 17-18	Budget FY 16-17	Proposed FY 17-18
Strategic Area: Neighborhood and Infrastructure				
Office of the Director	3,154	2,428	26	9
Water and Wastewater	356,945	338,497	1,648	1,501
Systems Operations				
Finance and Administrative Compliance	108,966	47,962	750	322
Program Management and Regulatory Compliance	43,232	41,808	400	320
Customer Initiatives and Internal Operations	0	96,691	0	685
Total Operating Expenditures	512,297	527,386	2,824	2,837

SELECTED ITEM HIGHLIGHTS AND DETAILS

Line Item Highlights	(dollars in thousands)				
	Actual FY 14-15	Actual FY 15-16	Budget FY 16-17	Projection FY 16-17	Proposed FY 17-18
Advertising	632	748	810	748	870
Fuel	3,084	2,247	3,609	2,247	2,981
Overtime	16,037	17,886	12,503	18,752	15,534
Rent	104	206	2,187	206	1,848
Security Services	12,952	12,061	14,800	12,061	16,260
Temporary Services	2,181	2,267	3,320	2,267	2,926
Travel and Registration	151	172	321	172	401

FY 2017 - 18 Proposed Budget and Multi-Year Capital Plan

DIVISION: OFFICE OF THE DIRECTOR

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

- Defines department policies and strategic goals
- Provides legal support

DIVISION COMMENTS

- The FY 2017-18 Proposed Budget includes payments to the Audit and Management Services Department for expenses associated with audits and reviews (\$500,000)
- The FY 2017-18 Proposed Budget requires a six percent growth in revenues; over the last eight years, the Department has saved over 15 million gallons of water per day and the average water usage has decreased by over 12.5% due to proactive conservation and low flow water fixtures; because of this reduction, the methodology by which water consumption is charged must be adjusted to fully cover the cost of production without causing unfair subsidization between tiers of use; therefore, the determined units by which consumption is priced will be modified while maintaining the current rates; the median retail water and sewer residential customer uses approximately 700 cubic feet (7ccf) per month (or 5,236 gallons) and the median monthly bill is estimated at \$42.53
- Effective October 1, 2017, the wholesale wastewater rate will increase from \$2.7477 to \$3.0952, or by \$0.3475 per thousand gallons; the water wholesale rate will increase from \$1.7341 to \$1.8403, or by \$0.1062 per thousand gallons; wholesale customers' bills include a true-up adjustment to recover actual cost for FY 2015-16
- The FY 2017-18 Proposed Budget includes changes to bill Florida Power and Light Turkey Point water usage accounts as a non-residential customer, and the addition of rate category for Mixed-Use buildings with one meter serving both residential and non-residential areas
- The FY 2017-18 Proposed Budget includes a Memorandum of Understanding with the Office of the Inspector General to perform specialized audits as required (\$100,000)
- The FY 2017-18 Proposed Budget includes funding to the Miami-Dade Fire Rescue Department (MDFR) for fire hydrant maintenance (\$1 million)
- During FY 2017-18, the Department will continue to analyze and revise its organizational structure to streamline management and business practices

DIVISION: WATER AND WASTEWATER SYSTEMS OPERATIONS

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

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

Strategic Objectives - Measures

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

Objectives	Measures			FY 14-15	FY 15-16	FY 16-17	FY 16-17	FY 17-18
				Actual	Actual	Budget	Projection	Target
Ensure compliance with 20-year Water Use Permit with the South Florida Water Management District	Estimated gallons of water saved per day (GPD) through the Water Use Efficiency Program (in thousands)	OC	↑	1,782	908	1,124	200	200

The Water Use Efficiency Program was approved by the BCC in 2006 (R-468-06); water saving targeted goals are based on implementation of best management practices (BMPs) outlined in the mandated 20-year Water Use Permit issued by South Florida Water Management District (District); each

FY 2017 - 18 Proposed Budget and Multi-Year Capital Plan

BMP accounts for a specific amount of gallons of water saved; in discussion with the District, a change to the water savings rate for the Landscape Irrigation Evaluation BMP accounts for the reduction in the projected water savings beginning in FY2016-17 compared to previous years

Objectives	Measures			FY 14-15	FY 15-16	FY 16-17	FY 16-17	FY 17-18
				Actual	Actual	Budget	Projection	Target
Fully comply with drinking water standards	Percentage compliance with drinking water standards	OC	↑	100%	100%	100%	100%	100%

Objectives	Measures			FY 14-15	FY 15-16	FY 16-17	FY 16-17	FY 17-18
				Actual	Actual	Budget	Projection	Target
Ensure proper maintenance and operation of the sewage system	Percentage compliance with wastewater effluent limits*	OC	↑	67%	93%	100%	100%	100%
	Percentage of pumps in service	EF	↑	97%	98%	99%	98%	99%
	Wastewater mainline valves exercised	OP	↔	6,167	6241	6,000	6,300	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: FINANCE AND ADMINISTRATIVE COMPLIANCE

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

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

Strategic Objectives - Measures

- GG4-1: Provide sound financial and risk management

Objectives	Measures			FY 14-15	FY 15-16	FY 16-17	FY 16-17	FY 17-18
				Actual	Actual	Budget	Projection	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 2017-18 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 year end combined fund balance is projected to be \$101.9 million in rate stabilization and general reserve funds; in FY 2017-18, the Department will also be funding an additional reserve of \$17.075 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 \$118.9 million

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is projected between these reserves, and the Department will have a year-end fund balance of \$74.1 million in the operating budget as required for bond ordinances

DIVISION: PROGRAM MANAGEMENT AND REGULATORY 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

Strategic Objectives - Measures

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

Objectives	Measures			FY 14-15	FY 15-16	FY 16-17	FY 16-17	FY 17-18
				Actual	Actual	Budget	Projection	Target
Ensure compliance with Comprehensive Development of Master Plan	Percentage of Comprehensive Development Master Plan comments submitted timely	EF	↑	100%	100%	100%	100%	100%
	Percentage of Development Impact Committee comments provided timely	EF	↑	100%	100%	100%	100%	100%

Objectives	Measures			FY 14-15	FY 15-16	FY 16-17	FY 16-17	FY 17-18
				Actual	Actual	Budget	Projection	Target
Ensure proper maintenance and operation of the sewage system	Percentage of Consent Decree Wastewater Projects on Schedule	OC	↑	100%	99%	100%	95%	97%
	Percentage of Ocean Outfall Legislation projects on schedule	OC	↑	100%	100%	100%	100%	100%

DIVISION COMMENTS

- In FY 2017-18, 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 2017-18 Proposed Budget includes funding to the Parks, Recreation and Open Spaces (PROS) Department for the Florida Yards and Neighborhoods Program (\$285,000)

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DIVISION: CUSTOMER INITIATIVES AND INTERNAL OPERATIONS

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

- Manages human capital planning and procurement
- 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
- Manages water cross connection control program
- Installs, repairs, relocates, maintains and replaces water meters

Strategic Objectives - Measures

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

Objectives	Measures			FY 14-15	FY 15-16	FY 16-17	FY 16-17	FY 17-18
				Actual	Actual	Budget	Projection	Target
Provide information to customers in a timely manner	Average call wait time (in minutes)*	EF	↓	8	3	5	2.5	2.5
	Percentage of calls answered within two minutes (monthly)*	OC	↑	41%	60%	50%	55%	70%

*Enhancements to the self-service tools are planned for FY 2017-18

Objectives	Measures			FY 14-15	FY 15-16	FY 16-17	FY 16-17	FY 17-18
				Actual	Actual	Budget	Projection	Target
Maintain high level of responsiveness to customer service requests	Percentage of non-emergency requests dispatched in less than three business days	OC	↑	98%	88%	99%	94%	97%

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

Objectives	Measures			FY 14-15	FY 15-16	FY 16-17	FY 16-17	FY 17-18
				Actual	Actual	Budget	Projection	Target
Training hours per employee	Training hours per employee	OP	↔	11	13	15	15	15

DIVISION COMMENTS

- The Department is currently working on an advertising campaign that includes the Department's branding for community recognition and will inform the citizens on water and wastewater services and the Multi-Year Capital Improvements Plan
- The FY 2017-18 Proposed Budget includes an additional 11 Customer Service Representative positions, and two meter readers to help meet the demands of customers and improve call wait time

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ADDITIONAL INFORMATION

- The FY 2017-18 Proposed Budget includes payments in the amount of \$2.047 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 (\$150,000); Fire Rescue Department (\$1,000,000); and Community Action and Human Services (\$100,000)

<u>Department Operational Unmet Needs</u>			
Description	(dollars in thousands)		Positions
	Startup Costs/ Non Recurring Costs	Recurring Costs	
Fund nine positions in Water and Wastewater Systems Operations to accommodate the vast amount of additional work required for the Consent Decree	\$0	\$718	9
Fund nine positions in Water and Wastewater Systems Operations to support staff augmentation identified in the Gravity Sewer System Operations and Maintenance Plan (GSSOMP) and the Force Main Operations, Preventive Maintenance and Assessment/Rehabilitation Program (FMOPMARP)	\$0	\$509	9
Fund 17 positions in Water and Wastewater Systems Operations to address current backlog of 1,092 leaks and the additional 1,200 leaks identified annually by the leak detection program; the expedient repairs allow the Department to realize large savings by reduced non-revenue water loss throughout the system	\$0	\$861	17
Fund nine positions in the water treatment plants operated 24 hours per day, 365 days per year; Treatment Plant Operators work on a rotating shift schedule with rotating days off; the additional positions are needed to run the plants more effectively and significantly reduce overtime	\$0	\$563	9
Fund nine positions in Water and Wastewater Systems Operations to support staff augmentation identified in the Pump Station Operations and Preventative Maintenance Program to address the needs under the Consent Decree, Section VI Compliance Monitoring, Chapter 19	\$0	\$656	9
Fund two positions in Customer Initiatives and Internal Operations to help formulate departmental policies and procedures, establish organizational goals, set performance measures, and manage real estate activities	\$0	\$179	2
Fund five positions in Customer Initiatives and Internal Operations to manage all issuance and receipts of stock and non-stock items, as well as purchasing related to the Consent Decree, CIP, PSIP programs; Procurement and Stores has experienced a twofold increase in purchasing volume to over \$550 million this past year	\$0	\$363	5
Fund two positions to improve accuracy of new heavy equipment preparation, body shop repairs coordination and disposal of departmental mobile equipment, preparation for auction, and assisting subordinates with unusual or difficult problems	\$0	\$99	2
Fund three positions in Customer Initiatives and Internal Operations to improve the hiring process, address individual inquiries, process related paperwork, and assist with required reports	\$0	\$174	3
Fund four positions in the Water and Wastewater Systems Operations to increase capacity to cover the entire service area; this will allow for increased productivity and the ability to address a backlog of over 5,000 pending orders	\$0	\$248	4

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Fund two positions to allow for additional sampling requirements for the southwestern end of Miami-Dade County; increased regulatory requirements, as well as a greater population and larger service area has created the need for an additional laboratory technician; lab technicians are responsible for sample collection and handling	\$0	\$140	2
Fund 13 positions to address an increase in the Capital Improvement Program project workload; the additional staff is required to effectively oversee and coordinate contracted construction and consultant work to ensure public safety and to protect the County's interests	\$0	\$1,113	13
Fund nine positions in Program Management and Regulatory Compliance to improve customer service related to plans review processing; as-builts are often submitted inaccurately, which require multiple reviews and inspections	\$0	\$630	9
Fund six positions to manage and supervise staff functions related to cash collections (Opa-Locka), wholesale billing, lien processing, pre and post audit activities, final bill processing, and data control, and to assure compliance with various regulations and procedures when compiling financial and statistical information for reporting purposes	\$0	\$412	6
Total	\$0	\$6,665	99

CAPITAL BUDGET SUMMARY

(dollars in thousands)	PRIOR	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FUTURE	TOTAL
Revenue									
BBC GOB Financing	13,521	13,332	19,512	20,613	24,209	25,425	25,586	14,783	156,981
BBC GOB Series 2005A	2,399	0	0	0	0	0	0	0	2,399
BBC GOB Series 2008B	2,952	0	0	0	0	0	0	0	2,952
BBC GOB Series 2008B-1	5,259	0	0	0	0	0	0	0	5,259
BBC GOB Series 2011A	2,606	0	0	0	0	0	0	0	2,606
BBC GOB Series 2013A	246	0	0	0	0	0	0	0	246
BBC GOB Series 2014A	1,531	0	0	0	0	0	0	0	1,531
Fire Hydrant Fund	38,221	3,500	3,500	3,500	3,500	3,500	3,500	5,921	65,142
Future WASD Revenue Bonds	0	400,000	396,902	392,750	429,630	428,438	459,476	7,396,503	9,903,699
Miami Springs Wastewater Construction	1,074	252	0	0	0	0	0	0	1,326
Fund									
Miami Springs Water Construction Fund	1,753	1,003	2,310	2,008	1,000	0	0	0	8,074
Rock Mining Mitigation Fees	13,451	5,239	0	0	0	0	0	0	18,690
State Revolving Loan Wastewater Program	19,888	0	0	0	0	0	0	0	19,888
State Revolving Loan Water Program	18,778	3,019	1,048	0	0	0	0	0	22,845
WASD Future Funding	0	0	0	0	0	0	0	984,530	984,530
WASD Revenue Bonds Sold	728,921	0	0	0	0	0	0	0	728,921
Wastewater Connection Charges	144,336	7,045	7,161	0	0	0	0	0	158,542
Wastewater Renewal Fund	196,078	40,000	45,500	45,500	45,500	45,500	45,500	214,000	677,578
Wastewater Special Construction Fund	28,219	0	0	0	0	0	0	0	28,219
Water Connection Charges	16,417	34,570	8,197	0	0	0	0	0	59,184
Water Renewal and Replacement Fund	165,183	40,000	34,500	34,500	34,500	34,500	34,500	34,500	412,183
Water Special Construction Fund	31,682	0	1,000	1,000	1,000	2,000	2,000	0	38,682
Total:	1,432,515	547,960	519,630	499,871	539,339	539,363	570,562	8,650,237	13,299,477
Expenditures									
Strategic Area: NI									
GOB Water and Wastewater Projects	28,514	13,332	19,512	20,613	24,209	25,425	25,586	14,783	171,974
Wastewater Projects	928,832	361,423	329,448	342,670	387,012	412,123	448,850	7,236,809	10,447,167
Water Projects	413,335	217,447	173,170	139,088	130,618	104,315	103,718	1,398,645	2,680,336
Total:	1,370,681	592,202	522,130	502,371	541,839	541,863	578,154	8,650,237	13,299,477

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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 Board of County Commissioners on May 21, 2013; on April 9, 2014, the U.S. District Court for the Southern District approved the Consent Decree, replacing and superseding the two existing Consent Decrees issued in the early-mid 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
- In FY 2017-18, the Department will continue implementation of water system capital projects to include but not limited to Central Miami-Dade-Water Transmission Mains Improvements, Water-Distribution System Extension Enhancements, South Miami Heights-Water Treatment Plant and Wellfield, Small Diameter Water Mains Replacement Program, Water - System Maintenance and Upgrades, and Safe Drinking Water Act Modifications (total project cost \$2.680 billion; \$217.477 million in FY 2017-18)
- In FY 2017-18, the Department will continue implementation of wastewater system capital projects to include but not limited to Consent Decree Projects for Wastewater Treatment Plants, Wastewater- Collection and Transmission Lines, Sewer Pump Station Systems, Outfall Legislation, Pump Station- Generators and Miscellaneous Upgrades, South District-Wastewater Treatment Plant Expansion Phase III, Peak Flow Management Facilities, Wastewater System-Maintenance and Upgrades, North District- Wastewater Treatment Plant, Central Miami-Dade-Wastewater Transmission Mains and Pump Stations Improvements, and Central District-Wastewater Treatment Plant, Pump Station-Improvements Program (total project cost \$10.447 billion; \$361.423 million in FY 2017-18)
- The FY17-18 Proposed Budget and Multi-Year Capital Plan includes an \$80 million transfer for capital projects funded with Renewal and Replacement funds for an enhanced program to expedite the replacement of and rehabilitation of pipes and plant facilities
- As a result of the Department's Consent Decree which requires the rehabilitation of the County's wastewater system infrastructure, wastewater treatment plant projects were evaluated for improvements including opportunities for new technology and efficiencies; the Department will upgrade its digesters with new mixers resulting in a more efficient and improved performance providing additional methane gas production; the methane gas produced will be used to fuel cogeneration engines providing additional alternative energy for use within the plant; the quantified savings resulting is approximately \$1 million in operating costs over the asset's 20 year life cycle

FUNDED CAPITAL PROJECTS

(dollars in thousands)

CENTRAL DISTRICT - WASTEWATER TREATMENT PLANT UPGRADES

PROJECT #: 9653421

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

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



REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,500	2,870	5,281	3,120	1,000	986	108,625	124,382
WASD Future Funding	0	0	0	0	0	0	0	7,514	7,514
WASD Revenue Bonds Sold	4,074	0	0	0	0	0	0	0	4,074
TOTAL REVENUES:	4,074	2,500	2,870	5,281	3,120	1,000	986	116,139	135,970
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	3,952	2,425	2,784	5,123	3,026	970	956	112,655	131,891
Planning and Design	122	75	86	158	94	30	30	3,484	4,079
TOTAL EXPENDITURES:	4,074	2,500	2,870	5,281	3,120	1,000	986	116,139	135,970

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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
 City of Miami District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,348	5,189	5,779	5,402	4,816	5,500	4,000	33,034
WASD Future Funding	0	0	0	0	0	0	0	828	828
WASD Revenue Bonds Sold	8,450	0	0	0	0	0	0	0	8,450
Wastewater Connection Charges	2,977	0	0	0	0	0	0	0	2,977
TOTAL REVENUES:	11,427	2,348	5,189	5,779	5,402	4,816	5,500	4,828	45,289
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	10,856	2,231	4,929	5,490	5,132	4,575	5,225	4,587	43,025
Land Acquisition/Improvements	115	23	52	58	54	48	55	48	453
Planning and Design	456	94	208	231	216	193	220	193	1,811
TOTAL EXPENDITURES:	11,427	2,348	5,189	5,779	5,402	4,816	5,500	4,828	45,289

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

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	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	698	2,355	3,767	6,356	10,338	12,981	30,264	66,759
TOTAL REVENUES:	0	698	2,355	3,767	6,356	10,338	12,981	30,264	66,759
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	0	698	2,355	3,767	6,356	10,338	12,981	30,264	66,759
TOTAL EXPENDITURES:	0	698	2,355	3,767	6,356	10,338	12,981	30,264	66,759

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

PROJECT #: 967090



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

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
BBC GOB Financing	2,287	6,471	13,926	16,886	20,636	25,425	25,586	14,783	126,000
TOTAL REVENUES:	2,287	6,471	13,926	16,886	20,636	25,425	25,586	14,783	126,000
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	1,143	5,300	12,549	16,886	20,636	25,425	25,586	14,783	122,308
Planning and Design	1,144	1,171	1,377	0	0	0	0	0	3,692
TOTAL EXPENDITURES:	2,287	6,471	13,926	16,886	20,636	25,425	25,586	14,783	126,000

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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	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	100	300	400	400	500	0	0	1,700
WASD Revenue Bonds Sold	912	0	0	0	0	0	0	0	912
TOTAL REVENUES:	912	100	300	400	400	500	0	0	2,612
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	912	100	300	400	400	500	0	0	2,612
TOTAL EXPENDITURES:	912	100	300	400	400	500	0	0	2,612

GRAVITY SEWER RENOVATIONS

PROJECT #: 9650201

DESCRIPTION: Rehabilitate gravity sewers to reduce infiltration and inflow

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,258	4,550	3,650	3,350	1,224	1,000	500	16,532
WASD Revenue Bonds Sold	9,699	0	0	0	0	0	0	0	9,699
Wastewater Renewal Fund	9,349	0	0	0	0	0	0	0	9,349
TOTAL REVENUES:	19,048	2,258	4,550	3,650	3,350	1,224	1,000	500	35,580
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	19,048	2,258	4,550	3,650	3,350	1,224	1,000	500	35,580
TOTAL EXPENDITURES:	19,048	2,258	4,550	3,650	3,350	1,224	1,000	500	35,580

LIFT STATIONS - UPGRADES AND STRUCTURAL IMPROVEMENTS

PROJECT #: 9650371

DESCRIPTION: Repair, replace, and upgrade existing lift stations throughout the wastewater system


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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	1,886	1,627	2,000	1,500	500	1,000	5,000	13,513
WASD Revenue Bonds Sold	2,187	0	0	0	0	0	0	0	2,187
Wastewater Renewal Fund	7,915	0	3,500	3,500	3,500	3,500	3,500	3,500	28,915
TOTAL REVENUES:	10,102	1,886	5,127	5,500	5,000	4,000	4,500	8,500	44,615
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	5,262	4,329	4,101	4,400	4,000	3,200	3,600	6,800	35,692
Land Acquisition/Improvements	460	379	359	385	350	280	315	595	3,123
Major Machinery and Equipment	198	162	154	165	150	120	135	255	1,339
Planning and Design	657	541	513	550	500	400	450	850	4,461
TOTAL EXPENDITURES:	6,577	5,411	5,127	5,500	5,000	4,000	4,500	8,500	44,615

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

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MIAMI SPRINGS - PUMP STATION UPGRADES (BUILDING BETTER COMMUNITIES BOND PROGRAM)

PROJECT #: 967730 

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
BBC GOB Financing	171	75	25	0	0	0	0	0	271
BBC GOB Series 2008B-1	559	0	0	0	0	0	0	0	559
BBC GOB Series 2011A	8	0	0	0	0	0	0	0	8
TOTAL REVENUES:	738	75	25	0	0	0	0	0	838
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	738	75	25	0	0	0	0	0	838
TOTAL EXPENDITURES:	738	75	25	0	0	0	0	0	838


MIAMI SPRINGS CONSTRUCTION FUND - WASTEWATER

PROJECT #: 969110 

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Miami Springs Wastewater Construction Fund	1,074	252	0	0	0	0	0	0	1,326
TOTAL REVENUES:	1,074	252	0	0	0	0	0	0	1,326
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	1,074	252	0	0	0	0	0	0	1,326
TOTAL EXPENDITURES:	1,074	252	0	0	0	0	0	0	1,326

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	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Miami Springs Water Construction Fund	1,753	1,003	2,310	2,008	1,000	0	0	0	8,074
TOTAL REVENUES:	1,753	1,003	2,310	2,008	1,000	0	0	0	8,074
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	1,631	933	2,148	1,867	930	0	0	0	7,509
Planning and Design	122	70	162	141	70	0	0	0	565
TOTAL EXPENDITURES:	1,753	1,003	2,310	2,008	1,000	0	0	0	8,074

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NEEDS ASSESSMENT PROJECTS (BUILDING BETTER COMMUNITIES BOND PROGRAM)

PROJECT #: 964350

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
BBC GOB Financing	4,532	4,053	2,395	624	279	0	0	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:	10,294	4,053	2,395	624	279	0	0	0	17,645
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	8,867	4,053	2,395	624	279	0	0	0	16,218
Permitting	179	0	0	0	0	0	0	0	179
Planning and Design	1,248	0	0	0	0	0	0	0	1,248
TOTAL EXPENDITURES:	10,294	4,053	2,395	624	279	0	0	0	17,645

NORTH DISTRICT - WASTEWATER TREATMENT PLANT UPGRADES

PROJECT #: 9653411

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	3,946	1,758	3,754	5,463	4,600	3,490	149,431	172,442
WASD Revenue Bonds Sold	1,861	0	0	0	0	0	0	0	1,861
TOTAL REVENUES:	1,861	3,946	1,758	3,754	5,463	4,600	3,490	149,431	174,303
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	1,750	3,709	1,653	3,529	5,135	4,324	3,280	140,465	163,845
Planning and Design	111	237	105	225	328	276	210	8,966	10,458
TOTAL EXPENDITURES:	1,861	3,946	1,758	3,754	5,463	4,600	3,490	149,431	174,303

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

PROJECT #: 9652101

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


REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	1,696	3,480	7,065	12,547	13,616	12,751	58,952	110,107
WASD Future Funding	0	0	0	0	0	0	0	364,515	364,515
WASD Revenue Bonds Sold	340	0	0	0	0	0	0	0	340
TOTAL REVENUES:	340	1,696	3,480	7,065	12,547	13,616	12,751	423,467	474,962
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	330	1,645	3,376	6,853	12,171	13,207	12,368	410,763	460,713
Land Acquisition/Improvements	10	51	104	212	376	409	383	12,704	14,249
TOTAL EXPENDITURES:	340	1,696	3,480	7,065	12,547	13,616	12,751	423,467	474,962

FY 2017 - 18 Proposed Budget and Multi-Year Capital Plan

Wastewater Connection Charges	11,875	0	0	0	0	0	0	0	11,875
TOTAL REVENUES:	80,874	24,147	20,250	45,222	54,288	65,814	98,582	3,842,589	4,231,766
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	73,596	21,973	18,428	41,152	49,402	59,891	89,709	3,496,756	3,850,907
Land Acquisition/Improvements	808	242	202	452	543	658	986	38,426	42,317
Planning and Design	6,470	1,932	1,620	3,618	4,343	5,265	7,887	307,407	338,542
TOTAL EXPENDITURES:	80,874	24,147	20,250	45,222	54,288	65,814	98,582	3,842,589	4,231,766

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

OUTFALL LEGISLATION - CAPACITY

PROJECT #: 200000580 

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	22,372	29,836	44,999	57,385	69,201	92,597	1,179,247	1,495,637
WASD Revenue Bonds Sold	7,995	0	0	0	0	0	0	0	7,995
Wastewater Connection Charges	5,477	0	0	0	0	0	0	0	5,477
TOTAL REVENUES:	13,472	22,372	29,836	44,999	57,385	69,201	92,597	1,179,247	1,509,109
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	12,395	20,582	27,449	41,399	52,794	63,665	85,189	1,084,908	1,388,381
Land Acquisition/Improvements	134	224	299	450	574	692	926	11,792	15,091
Planning and Design	943	1,566	2,088	3,150	4,017	4,844	6,482	82,547	105,637
TOTAL EXPENDITURES:	13,472	22,372	29,836	44,999	57,385	69,201	92,597	1,179,247	1,509,109

PEAK FLOW MANAGEMENT FACILITIES

PROJECT #: 9653371 

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	9,243	8,195	5,000	2,000	1,000	1,000	0	26,438
WASD Revenue Bonds Sold	1,675	0	0	0	0	0	0	0	1,675
Wastewater Connection Charges	50,932	0	0	0	0	0	0	0	50,932
TOTAL REVENUES:	52,607	9,243	8,195	5,000	2,000	1,000	1,000	0	79,045
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	51,554	9,058	8,031	4,900	1,960	980	980	0	77,463
Planning and Design	1,053	185	164	100	40	20	20	0	1,582
TOTAL EXPENDITURES:	52,607	9,243	8,195	5,000	2,000	1,000	1,000	0	79,045

PUMP STATIONS - GENERATORS AND MISCELLANEOUS UPGRADES

PROJECT #: 9652002 

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

FY 2017 - 18 Proposed Budget and Multi-Year Capital Plan

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	1,600	8,121	11,696	12,298	17,953	9,740	37,715	99,123
WASD Revenue Bonds Sold	1,453	0	0	0	0	0	0	0	1,453
TOTAL REVENUES:	1,453	1,600	8,121	11,696	12,298	17,953	9,740	37,715	100,576
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	1,394	1,536	7,796	11,228	11,807	17,235	9,350	36,206	96,552
Major Machinery and Equipment	59	64	325	468	491	718	390	1,509	4,024
TOTAL EXPENDITURES:	1,453	1,600	8,121	11,696	12,298	17,953	9,740	37,715	100,576

PUMP STATIONS - IMPROVEMENT PROGRAM

PROJECT #: 9651071 

DESCRIPTION: Upgrade pump stations systemwide to meet departmental forecasted demands

LOCATION: Systemwide
Various Sites

District Located:
District(s) Served:

Systemwide
Systemwide

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	32,138	34,862	3,000	4,000	5,000	6,000	94,467	179,467
WASD Revenue Bonds Sold	35,425	0	0	0	0	0	0	0	35,425
Wastewater Connection Charges	35,660	7,045	7,161	0	0	0	0	0	49,866
TOTAL REVENUES:	71,085	39,183	42,023	3,000	4,000	5,000	6,000	94,467	264,758
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	66,820	36,832	39,501	2,820	3,760	4,700	5,640	88,799	248,872
Planning and Design	4,265	2,351	2,522	180	240	300	360	5,668	15,886
TOTAL EXPENDITURES:	71,085	39,183	42,023	3,000	4,000	5,000	6,000	94,467	264,758

SAFE DRINKING WATER ACT MODIFICATIONS

PROJECT #: 9654061 

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

LOCATION: Systemwide
Various Sites


District Located:
District(s) Served:

Systemwide
Systemwide

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	1,600	1,923	5,178	8,356	9,239	11,656	454,887	492,839
Rock Mining Mitigation Fees	13,451	5,239	0	0	0	0	0	0	18,690
Water Renewal and Replacement Fund	2,120	0	0	0	0	0	0	0	2,120
TOTAL REVENUES:	15,571	6,839	1,923	5,178	8,356	9,239	11,656	454,887	513,649
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	15,416	6,770	1,904	5,126	8,272	9,147	11,539	450,338	508,512
Planning and Design	155	69	19	52	84	92	117	4,549	5,137
TOTAL EXPENDITURES:	15,571	6,839	1,923	5,178	8,356	9,239	11,656	454,887	513,649

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

SANITARY SEWER SYSTEM - EXTENSION

PROJECT #: 9653281 

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

LOCATION: Systemwide
Various Sites

District Located:
District(s) Served:

Systemwide
Systemwide

FY 2017 - 18 Proposed Budget and Multi-Year Capital Plan

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,613	2,613	3,039	1,000	500	500	722	10,987
WASD Future Funding	0	0	0	0	0	0	0	190,133	190,133
WASD Revenue Bonds Sold	16,395	0	0	0	0	0	0	0	16,395
Wastewater Renewal Fund	12,196	0	0	0	0	0	0	0	12,196
TOTAL REVENUES:	28,591	2,613	2,613	3,039	1,000	500	500	190,855	229,711
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	28,591	2,613	2,613	3,039	1,000	500	500	190,855	229,711
TOTAL EXPENDITURES:	28,591	2,613	2,613	3,039	1,000	500	500	190,855	229,711

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: Systemwide
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Wastewater Special Construction Fund	28,219	0	0	0	0	0	0	0	28,219
TOTAL REVENUES:	28,219	0	0	0	0	0	0	0	28,219
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	8,804	1,717	2,475	2,475	2,475	2,475	7,516	0	27,937
Planning and Design	89	17	25	25	25	25	76	0	282
TOTAL EXPENDITURES:	8,893	1,734	2,500	2,500	2,500	2,500	7,592	0	28,219

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
Throughout Miami-Dade County

District Located: Countywide
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	36,472	10,795	6,541	2,500	1,500	0	0	57,808
WASD Revenue Bonds Sold	38,241	0	0	0	0	0	0	0	38,241
Wastewater Connection Charges	6,258	0	0	0	0	0	0	0	6,258
TOTAL REVENUES:	44,499	36,472	10,795	6,541	2,500	1,500	0	0	102,307
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	37,380	30,636	9,067	5,495	2,100	1,260	0	0	85,938
Land Acquisition/Improvements	444	365	108	65	25	15	0	0	1,022
Major Machinery and Equipment	4,450	3,647	1,080	654	250	150	0	0	10,231
Planning and Design	2,225	1,824	540	327	125	75	0	0	5,116
TOTAL EXPENDITURES:	44,499	36,472	10,795	6,541	2,500	1,500	0	0	102,307

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

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

FY 2017 - 18 Proposed Budget and Multi-Year Capital Plan

	Throughout Miami-Dade County		District(s) Served:				Countywide			
	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL	
REVENUE SCHEDULE:										
Future WASD Revenue Bonds	0	14,275	10,612	11,704	14,070	11,203	8,000	43,600	113,464	
State Revolving Loan Water Program	18,778	3,019	1,048	0	0	0	0	0	22,845	
WASD Future Funding	0	0	0	0	0	0	0	292,428	292,428	
WASD Revenue Bonds Sold	24,047	0	0	0	0	0	0	0	24,047	
Water Renewal and Replacement Fund	345	0	0	0	0	0	0	0	345	
TOTAL REVENUES:	43,170	17,294	11,660	11,704	14,070	11,203	8,000	336,028	453,129	
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL	
Construction	42,307	16,948	11,427	11,470	13,789	10,979	7,840	329,307	444,067	
Planning and Design	863	346	233	234	281	224	160	6,721	9,062	
TOTAL EXPENDITURES:	43,170	17,294	11,660	11,704	14,070	11,203	8,000	336,028	453,129	

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
 Various Sites

District Located: Systemwide
 District(s) Served: Systemwide



	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
REVENUE SCHEDULE:									
Future WASD Revenue Bonds	0	2,448	3,000	3,688	4,500	6,000	5,120	6,276	31,032
WASD Revenue Bonds Sold	2,934	0	0	0	0	0	0	0	2,934
TOTAL REVENUES:	2,934	2,448	3,000	3,688	4,500	6,000	5,120	6,276	33,966
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	1,409	1,175	1,440	1,770	2,160	2,880	2,458	3,012	16,304
Land Acquisition/Improvements	1,466	1,224	1,500	1,844	2,250	3,000	2,560	3,138	16,982
Planning and Design	59	49	60	74	90	120	102	126	680
TOTAL EXPENDITURES:	2,934	2,448	3,000	3,688	4,500	6,000	5,120	6,276	33,966

SOUTH DISTRICT - WASTEWATER TREATMENT PLANT UPGRADES

PROJECT #: 9653401

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

LOCATION: 8950 SW 232 St
 Unincorporated Miami-Dade County

District Located: 8
 District(s) Served: Systemwide



	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
REVENUE SCHEDULE:									
Future WASD Revenue Bonds	0	1,000	1,500	2,000	2,500	1,000	1,000	127,200	136,200
WASD Future Funding	0	0	0	0	0	0	0	52,462	52,462
WASD Revenue Bonds Sold	34,749	0	0	0	0	0	0	0	34,749
TOTAL REVENUES:	34,749	1,000	1,500	2,000	2,500	1,000	1,000	179,662	223,411
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	34,749	1,000	1,500	2,000	2,500	1,000	1,000	179,662	223,411
TOTAL EXPENDITURES:	34,749	1,000	1,500	2,000	2,500	1,000	1,000	179,662	223,411

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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	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	1,353	1,545	3,679	2,018	3,001	4,500	26,456	42,552
TOTAL REVENUES:	0	1,353	1,545	3,679	2,018	3,001	4,500	26,456	42,552
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	0	1,218	1,391	3,311	1,816	2,701	4,050	23,810	38,297
Planning and Design	0	135	154	368	202	300	450	2,646	4,255
TOTAL EXPENDITURES:	0	1,353	1,545	3,679	2,018	3,001	4,500	26,456	42,552

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	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	10,752	8,951	6,000	4,000	5,000	6,500	235,730	276,933
WASD Revenue Bonds Sold	25,244	0	0	0	0	0	0	0	25,244
TOTAL REVENUES:	25,244	10,752	8,951	6,000	4,000	5,000	6,500	235,730	302,177
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	23,224	9,892	8,235	5,520	3,680	4,600	5,980	216,872	278,003
Planning and Design	2,020	860	716	480	320	400	520	18,858	24,174
TOTAL EXPENDITURES:	25,244	10,752	8,951	6,000	4,000	5,000	6,500	235,730	302,177

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

SOUTH MIAMI-DADE - WATER TRANSMISSION MAINS IMPROVEMENTS

PROJECT #: 9650021

DESCRIPTION: Construct various water transmission mains to serve south Miami-Dade County after the new South Miami Heights water treatment plant is in service
 LOCATION: South Miami-Dade County District Located: Systemwide
 Various Sites District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	1,022	1,551	4,585	2,641	3,738	977	5,000	19,514
TOTAL REVENUES:	0	1,022	1,551	4,585	2,641	3,738	977	5,000	19,514
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	0	991	1,504	4,448	2,561	3,626	948	4,850	18,928
Planning and Design	0	31	47	137	80	112	29	150	586
TOTAL EXPENDITURES:	0	1,022	1,551	4,585	2,641	3,738	977	5,000	19,514

SYSTEM IMPROVEMENTS PROJECT (BUILDING BETTER COMMUNITIES BOND PROGRAM)

PROJECT #: 962830

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

FY 2017 - 18 Proposed Budget and Multi-Year Capital Plan

	Various Sites		District(s) Served:				Systemwide		FUTURE	TOTAL
	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23			
REVENUE SCHEDULE:										
BBC GOB Financing	3,264	1,751	1,939	1,385	900	0	0	0	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:	11,295	1,751	1,939	1,385	900	0	0	0	17,270	
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL	
Construction	9,905	1,751	1,939	1,385	900	0	0	0	15,880	
Permitting	101	0	0	0	0	0	0	0	101	
Planning and Design	1,139	0	0	0	0	0	0	0	1,139	
Project Administration	150	0	0	0	0	0	0	0	150	
TOTAL EXPENDITURES:	11,295	1,751	1,939	1,385	900	0	0	0	17,270	

WASTEWATER - COLLECTION AND TRANSMISSION LINES CONSENT

PROJECT #: 968150

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

	Various Sites		District(s) Served:				Systemwide		FUTURE	TOTAL
	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23			
REVENUE SCHEDULE:										
Future WASD Revenue Bonds	0	21,299	13,135	12,792	13,605	15,101	14,600	76,288	166,820	
WASD Revenue Bonds Sold	159,765	0	0	0	0	0	0	0	159,765	
Wastewater Connection Charges	31,157	0	0	0	0	0	0	0	31,157	
Wastewater Renewal Fund	5,348	0	0	0	0	0	0	0	5,348	
TOTAL REVENUES:	196,270	21,299	13,135	12,792	13,605	15,101	14,600	76,288	363,090	
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL	
Construction	180,568	19,595	12,084	11,768	12,517	13,893	13,432	70,185	334,042	
Major Machinery and Equipment	11,775	1,278	788	768	816	906	876	4,577	21,784	
Planning and Design	3,927	426	263	256	272	302	292	1,526	7,264	
TOTAL EXPENDITURES:	196,270	21,299	13,135	12,792	13,605	15,101	14,600	76,288	363,090	

WASTEWATER - COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT

PROJECT #: 968090

DESCRIPTION: Install new sewer service to commercial properties utilizing septic tanks
 LOCATION: Various Sites District Located: TBD
 Throughout Miami-Dade County District(s) Served: TBD

	Various Sites		District(s) Served:				Systemwide		FUTURE	TOTAL
	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23			
REVENUE SCHEDULE:										
Future WASD Revenue Bonds	0	2,494	361	0	0	0	0	148,712	151,567	
WASD Revenue Bonds Sold	1,103	0	0	0	0	0	0	0	1,103	
TOTAL REVENUES:	1,103	2,494	361	0	0	0	0	148,712	152,670	
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL	
Construction	949	2,145	311	0	0	0	0	127,893	131,298	
Land Acquisition/Improvements	11	25	4	0	0	0	0	1,487	1,527	
Major Machinery and Equipment	11	25	3	0	0	0	0	1,487	1,526	
Planning and Design	132	299	43	0	0	0	0	17,845	18,319	

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TOTAL EXPENDITURES:	1,103	2,494	361	0	0	0	0	148,712	152,670
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WASTEWATER - EQUIPMENT AND VEHICLES

PROJECT #: 9650301

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
WASD Revenue Bonds Sold	552	0	0	0	0	0	0	0	552
Wastewater Renewal Fund	48,180	6,222	13,500	13,500	13,500	13,500	13,500	13,500	135,402
TOTAL REVENUES:	48,732	6,222	13,500	13,500	13,500	13,500	13,500	13,500	135,954
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Major Machinery and Equipment	37,277	17,677	13,500	13,500	13,500	13,500	13,500	13,500	135,954
TOTAL EXPENDITURES:	37,277	17,677	13,500	13,500	13,500	13,500	13,500	13,500	135,954

WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS

PROJECT #: 968750

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
WASD Revenue Bonds Sold	1,426	0	0	0	0	0	0	0	1,426
Wastewater Renewal Fund	11,788	3,000	3,000	3,000	3,000	3,000	3,000	3,000	32,788
TOTAL REVENUES:	13,214	3,000	3,000	3,000	3,000	3,000	3,000	3,000	34,214
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	12,817	2,910	2,910	2,910	2,910	2,910	2,910	2,910	33,187
Planning and Design	397	90	90	90	90	90	90	90	1,027
TOTAL EXPENDITURES:	13,214	3,000	3,000	3,000	3,000	3,000	3,000	3,000	34,214

WASTEWATER - REGIONAL GENERAL MAINTENANCE AND OFFICE FACILITIES

PROJECT #: 9653201

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	5,230	3,876	6,318	7,361	12,193	14,809	64,698	114,485
WASD Future Funding	0	0	0	0	0	0	0	25,000	25,000
WASD Revenue Bonds Sold	2,765	0	0	0	0	0	0	0	2,765
TOTAL REVENUES:	2,765	5,230	3,876	6,318	7,361	12,193	14,809	89,698	142,250
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	2,627	4,969	3,682	6,002	6,993	11,583	14,069	85,213	135,138
Land Acquisition/Improvements	10	0	0	0	0	0	0	0	10
Major Machinery and Equipment	100	209	155	253	294	488	592	3,588	5,679
Planning and Design	28	52	39	63	74	122	148	897	1,423
TOTAL EXPENDITURES:	2,765	5,230	3,876	6,318	7,361	12,193	14,809	89,698	142,250

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WASTEWATER - SYSTEM MAINTENANCE AND UPGRADES

PROJECT #: 9650361

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
WASD Revenue Bonds Sold	3,188	0	0	0	0	0	0	0	3,188
Wastewater Renewal Fund	39,689	14,404	15,000	15,000	15,000	15,000	15,000	183,500	312,593
TOTAL REVENUES:	42,877	14,404	15,000	15,000	15,000	15,000	15,000	183,500	315,781
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	39,877	17,404	15,000	15,000	15,000	15,000	15,000	183,500	315,781
TOTAL EXPENDITURES:	39,877	17,404	15,000	15,000	15,000	15,000	15,000	183,500	315,781

WASTEWATER - TELEMETERING SYSTEM

PROJECT #: 9652481

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
WASD Revenue Bonds Sold	2,654	0	0	0	0	0	0	0	2,654
Wastewater Renewal Fund	1,767	0	500	500	500	500	500	500	4,767
TOTAL REVENUES:	4,421	0	500	500	500	500	500	500	7,421
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	3,935	486	500	500	500	500	500	500	7,421
TOTAL EXPENDITURES:	3,935	486	500	500	500	500	500	500	7,421

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

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	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	112,018	112,610	114,974	143,615	139,104	122,083	393,329	1,137,733
WASD Revenue Bonds Sold	189,669	0	0	0	0	0	0	0	189,669
Wastewater Renewal Fund	25,672	0	0	0	0	0	0	0	25,672
TOTAL REVENUES:	215,341	112,018	112,610	114,974	143,615	139,104	122,083	393,329	1,353,074
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	200,267	104,177	104,727	106,926	133,562	129,367	113,537	365,796	1,258,359
Major Machinery and Equipment	2,154	1,120	1,126	1,150	1,436	1,391	1,221	3,933	13,531
Planning and Design	12,920	6,721	6,757	6,898	8,617	8,346	7,325	23,600	81,184
TOTAL EXPENDITURES:	215,341	112,018	112,610	114,974	143,615	139,104	122,083	393,329	1,353,074

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

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WASTEWATER TREATMENT PLANTS - MISCELLANEOUS UPGRADES

PROJECT #: 9652061

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,489	288	3,793	160	500	500	6,500	14,230
WASD Revenue Bonds Sold	69	0	0	0	0	0	0	0	69
TOTAL REVENUES:	69	2,489	288	3,793	160	500	500	6,500	14,299
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	69	2,489	288	3,793	160	500	500	6,500	14,299
TOTAL EXPENDITURES:	69	2,489	288	3,793	160	500	500	6,500	14,299

WASTEWATER TREATMENT PLANTS - REPLACEMENT AND RENOVATION

PROJECT #: 9653261

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	609	3,526	0	0	0	0	0	4,135
WASD Future Funding	0	0	0	0	0	0	0	51,650	51,650
WASD Revenue Bonds Sold	2,004	0	0	0	0	0	0	0	2,004
Wastewater Renewal Fund	34,174	16,374	10,000	10,000	10,000	10,000	10,000	10,000	110,548
TOTAL REVENUES:	36,178	16,983	13,526	10,000	10,000	10,000	10,000	61,650	168,337
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	33,820	18,277	13,256	9,800	9,800	9,800	9,800	60,417	164,970
Land Acquisition/Improvements	0	0	0	0	0	0	0	516	516
Major Machinery and Equipment	347	187	135	100	100	100	100	100	1,169
Planning and Design	344	186	135	100	100	100	100	617	1,682
TOTAL EXPENDITURES:	34,511	18,650	13,526	10,000	10,000	10,000	10,000	61,650	168,337

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	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	24,277	17,794	22,636	12,200	6,925	4,000	81,500	169,332
WASD Revenue Bonds Sold	48,779	0	0	0	0	0	0	0	48,779
Water Connection Charges	7,862	5,330	8,197	0	0	0	0	0	21,389
Water Renewal and Replacement Fund	30,256	0	0	0	0	0	0	0	30,256
Water Special Construction Fund	17,000	0	0	0	0	0	0	0	17,000
TOTAL REVENUES:	103,897	29,607	25,991	22,636	12,200	6,925	4,000	81,500	286,756
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	91,100	37,063	24,951	21,731	11,712	6,648	3,840	78,240	275,285

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Planning and Design	3,797	1,544	1,040	905	488	277	160	3,260	11,471
TOTAL EXPENDITURES:	94,897	38,607	25,991	22,636	12,200	6,925	4,000	81,500	286,756

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	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	1,500	1,500	1,500	1,500	1,500	1,500	151,000	160,000
WASD Revenue Bonds Sold	52	0	0	0	0	0	0	0	52
Water Renewal and Replacement Fund	32,880	5,013	5,700	5,700	5,700	5,700	5,700	5,700	72,093
TOTAL REVENUES:	32,932	6,513	7,200	7,200	7,200	7,200	7,200	156,700	232,145
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Major Machinery and Equipment	24,999	14,446	7,200	7,200	7,200	7,200	7,200	156,700	232,145
TOTAL EXPENDITURES:	24,999	14,446	7,200	7,200	7,200	7,200	7,200	156,700	232,145

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	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Water Special Construction Fund	6,682	0	1,000	1,000	1,000	2,000	2,000	0	13,682
TOTAL REVENUES:	6,682	0	1,000	1,000	1,000	2,000	2,000	0	13,682
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	6,400	282	1,000	1,000	1,000	2,000	2,000	0	13,682
TOTAL EXPENDITURES:	6,400	282	1,000	1,000	1,000	2,000	2,000	0	13,682

WATER - PIPES AND INFRASTRUCTURE PROJECTS

PROJECT #: 967190

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,975	14,272	861	0	0	0	0	18,108
WASD Revenue Bonds Sold	16,287	0	0	0	0	0	0	0	16,287
Water Renewal and Replacement Fund	54,379	7,999	8,000	8,000	8,000	8,000	8,000	8,000	110,378
Water Special Construction Fund	8,000	0	0	0	0	0	0	0	8,000
TOTAL REVENUES:	78,666	10,974	22,272	8,861	8,000	8,000	8,000	8,000	152,773
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	66,897	12,882	19,822	7,886	7,120	7,120	7,120	7,120	135,967
Planning and Design	8,269	1,592	2,450	975	880	880	880	880	16,806
TOTAL EXPENDITURES:	75,166	14,474	22,272	8,861	8,000	8,000	8,000	8,000	152,773

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WATER - REGIONAL GENERAL MAINTENANCE AND OFFICE FACILITIES

PROJECT #: 9650271

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	10,992	11,452	7,639	17,040	350	0	0	47,473
WASD Revenue Bonds Sold	1,006	0	0	0	0	0	0	0	1,006
TOTAL REVENUES:	1,006	10,992	11,452	7,639	17,040	350	0	0	48,479
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	976	10,662	11,108	7,410	16,529	340	0	0	47,025
Planning and Design	30	330	344	229	511	10	0	0	1,454
TOTAL EXPENDITURES:	1,006	10,992	11,452	7,639	17,040	350	0	0	48,479

WATER - SYSTEM MAINTENANCE AND UPGRADES

PROJECT #: 9650181

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
WASD Revenue Bonds Sold	5,900	0	0	0	0	0	0	0	5,900
Water Renewal and Replacement Fund	32,832	19,556	18,000	18,000	18,000	18,000	18,000	18,000	160,388
TOTAL REVENUES:	38,732	19,556	18,000	18,000	18,000	18,000	18,000	18,000	166,288
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	38,732	19,556	18,000	18,000	18,000	18,000	18,000	18,000	166,288
TOTAL EXPENDITURES:	38,732	19,556	18,000	18,000	18,000	18,000	18,000	18,000	166,288

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	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Water Renewal and Replacement Fund	1,254	292	300	300	300	300	300	300	3,346
TOTAL REVENUES:	1,254	292	300	300	300	300	300	300	3,346
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	1,254	292	300	300	300	300	300	300	3,346
TOTAL EXPENDITURES:	1,254	292	300	300	300	300	300	300	3,346

WATER SYSTEM - FIRE HYDRANT INSTALLATION

PROJECT #: 9653461

DESCRIPTION: Install fire hydrants and construct related system improvements

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LOCATION: Systemwide
Various Sites

District Located:
District(s) Served:

Systemwide
Systemwide

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Fire Hydrant Fund	38,221	3,500	3,500	3,500	3,500	3,500	3,500	5,921	65,142
TOTAL REVENUES:	38,221	3,500	3,500	3,500	3,500	3,500	3,500	5,921	65,142
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	37,074	3,395	3,395	3,395	3,395	3,395	3,395	5,743	63,187
Planning and Design	1,147	105	105	105	105	105	105	178	1,955
TOTAL EXPENDITURES:	38,221	3,500	3,500	3,500	3,500	3,500	3,500	5,921	65,142

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	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	9,449	16,541	22,549	21,791	10,613	8,637	35,000	124,580
WASD Revenue Bonds Sold	11,545	0	0	0	0	0	0	0	11,545
TOTAL REVENUES:	11,545	9,449	16,541	22,549	21,791	10,613	8,637	35,000	136,125
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	10,160	8,315	14,556	19,843	19,176	9,339	7,601	30,800	119,790
Major Machinery and Equipment	115	95	165	226	218	107	86	350	1,362
Planning and Design	1,270	1,039	1,820	2,480	2,397	1,167	950	3,850	14,973
TOTAL EXPENDITURES:	11,545	9,449	16,541	22,549	21,791	10,613	8,637	35,000	136,125

WATER TREATMENT PLANT - FLORIDIAN REVERSE OSMOSIS

PROJECT #: 966620 


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

LOCATION: 700 W 2 Ave
Hialeah

District Located: 6
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Water Connection Charges	1,555	4,000	0	0	0	0	0	0	5,555
TOTAL REVENUES:	1,555	4,000	0	0	0	0	0	0	5,555
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	1,447	3,720	0	0	0	0	0	0	5,167
Planning and Design	108	280	0	0	0	0	0	0	388
TOTAL EXPENDITURES:	1,555	4,000	0	0	0	0	0	0	5,555

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

FY 2017 - 18 Proposed Budget and Multi-Year Capital Plan

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

District Located: 6
District(s) Served: Systemwide

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	16,097	17,894	7,230	744	4,401	9,467	28,815	84,648
WASD Revenue Bonds Sold	3,607	0	0	0	0	0	0	0	3,607
TOTAL REVENUES:	3,607	16,097	17,894	7,230	744	4,401	9,467	28,815	88,255
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	2,922	13,039	14,494	5,856	603	3,565	7,668	23,341	71,488
Land Acquisition/Improvements	541	2,415	2,684	1,084	112	660	1,420	4,322	13,238
Major Machinery and Equipment	108	483	537	217	22	132	284	864	2,647
Planning and Design	36	160	179	73	7	44	95	288	882
TOTAL EXPENDITURES:	3,607	16,097	17,894	7,230	744	4,401	9,467	28,815	88,255

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

WATER TREATMENT PLANTS - AUTOMATION

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	2,247	0	0	0	0	0	0	2,247
TOTAL REVENUES:	0	2,247	0	0	0	0	0	0	2,247
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	0	2,247	0	0	0	0	0	0	2,247
TOTAL EXPENDITURES:	0	2,247	0	0	0	0	0	0	2,247


WATER TREATMENT PLANTS - MISCELLANEOUS UPGRADES

PROJECT #: 9610960 

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

REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	144	971	0	0	0	0	0	1,115
WASD Revenue Bonds Sold	6,980	0	0	0	0	0	0	0	6,980
Water Renewal and Replacement Fund	380	0	0	0	0	0	0	0	380
TOTAL REVENUES:	7,360	144	971	0	0	0	0	0	8,475
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	6,886	138	932	0	0	0	0	0	7,956
Planning and Design	474	6	39	0	0	0	0	0	519
TOTAL EXPENDITURES:	7,360	144	971	0	0	0	0	0	8,475

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

FY 2017 - 18 Proposed Budget and Multi-Year Capital Plan

Various Sites	District(s) Served:					Systemwide			
REVENUE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Future WASD Revenue Bonds	0	545	545	0	0	0	0	0	1,090
WASD Revenue Bonds Sold	3,539	0	0	0	0	0	0	0	3,539
Water Renewal and Replacement Fund	10,737	7,140	2,500	2,500	2,500	2,500	2,500	2,500	32,877
TOTAL REVENUES:	14,276	7,685	3,045	2,500	2,500	2,500	2,500	2,500	37,506
EXPENDITURE SCHEDULE:	PRIOR	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	FUTURE	TOTAL
Construction	11,355	8,411	2,740	2,250	2,250	2,250	2,250	2,250	33,756
Land Acquisition/Improvements	320	0	0	0	0	0	0	0	320
Planning and Design	941	934	305	250	250	250	250	250	3,430
TOTAL EXPENDITURES:	12,616	9,345	3,045	2,500	2,500	2,500	2,500	2,500	37,506

UNFUNDED CAPITAL PROJECTS

(dollars in thousands)

PROJECT NAME	LOCATION	ESTIMATED PROJECT COST
WASTEWATER NEEDS ASSESSMENT FOR NEW GRAVITY SEWER PHASE 2	To Be Determined	199,867
WATER COMMERCIAL CORRIDOR ECONOMIC DEVELOPMENT- PHASE 2	To Be Determined	279,204
UNFUNDED TOTAL		479,071

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



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS											
						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
1002	101638	NDWWTP - INJECTION WELLS PS UPGRADE	7,343,581	0	7,343,581	358,094	1,889,668	195,819	500,000	1,000,000	1,000,000	1,000,000	1,400,000	0	0	0	7,343,581
	101947	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	8,957,309	0	8,957,309	840,787	1,216,182	500,120	1,000,220	1,500,000	1,000,000	1,000,000	1,900,000	0	0	0	8,957,309
	102097	CHEMICALLY ENHANCED PRIMARY TREATMENT AT NDWWTP - (CPCS)	18,000,000	0	18,000,000	0	0	0	0	0	0	0	18,000,000	0	0	0	18,000,000
	102147	NDWWTP CONSTRUCTION MANAGEMENT TRAILERS	551,094	6,981	544,114	544,113	0	0	0	0	0	0	0	0	0	0	544,113
	102205	2.21.02 SEAWALL PROJECT	5,566,589	0	5,566,589	111,514	216,501	489,776	750,000	1,248,798	1,000,000	1,000,000	750,000	0	0	0	5,566,589
	102206	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	8,904,458	0	8,904,458	0	623,925	572,708	1,503,732	1,714,268	1,600,000	489,825	2,400,000	0	0	0	8,904,458
	102207	CD2.27.02 - VPSA WASD FUNDED REQUIRED FOR CD 2.27	6,981,358	0	6,981,358	0	0	0	0	0	0	0	6,981,358	0	0	0	6,981,358
	102220	NDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING	100,000,000	0	100,000,000	0	0	0	0	0	0	0	100,000,000	0	0	0	100,000,000
	102221	NDWWTP - COMPLETE REPLACEMENT OF 4160 VOLT AND 480 VOLT SWITCHGEAR AND MCCS. REPLACE OUTDATED INEFFICIENT MAGNETIC DRIVES WITH VFDS NDWWTP	18,000,000	0	18,000,000	0	0	0	0	0	0	0	18,000,000	0	0	0	18,000,000
		TOTAL - 1002	174,304,389	6,981	174,297,409	1,854,508	3,946,276	1,758,423	3,753,952	5,463,066	4,600,000	3,489,825	149,431,358	0	0	0	174,297,408
1003	101656	CDWWTP - SLUDGE HANDLING FACILITY	2,979,841	78,824	2,901,017	130,000	500,000	870,000	1,281,017	120,000	0	0	0	0	0	0	2,901,017



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026		Future
1003	101838	CDWWTP - 2 EMERGENCY GENERATORS - (CPCS)	3,000,000	0	3,000,000	0	0	0	0	0	0	0	3,000,000	0	0	0	3,000,000
	101910	CDWWTP - PLANT PROCESS CONTROLS - (CPCS)	1,125,000	0	1,125,000	0	0	0	0	0	0	0	1,125,000	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	985,641	2,385,028	5,129,331	0	0	8,500,000
	102132	CDWWTP SUBSTATION 19 AND 20 EMERGENCY REPLACEMENT OF ABB SWITCHGEAR	3,321,003	1,639,993	1,681,010	1,681,010	0	0	0	0	0	0	0	0	0	0	1,681,010
	102146	CDWWTP - CONSTRUCTION MANAGEMENT TRAILERS	1,544,789	10,039	1,534,750	534,750	1,000,000	0	0	0	0	0	0	0	0	0	1,534,750
	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
	102222	CDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING	100,000,000	0	100,000,000	0	0	0	0	0	0	0	100,000,000	0	0	0	100,000,000
	102223	CDWWTP - STORM HARDENING OF NEW HYPOCHLORITE BUILDING. MWH PLANS ALREADY AT 90% READY FOR PERMITTING	4,000,000	0	4,000,000	0	0	0	0	0	0	0	4,000,000	0	0	0	4,000,000
	102224	CDWWTP - ENCLOSE AND STORM HARDEN OUTDOOR ELECTRICAL SUBSTATIONS 19 AND 20, 19A AND 20A	500,000	0	500,000	0	0	0	0	0	0	0	500,000	0	0	0	500,000
	TOTAL - 1003		135,970,633	1,728,856	134,241,777	2,345,760	2,500,000	2,870,000	5,281,017	3,120,000	1,000,000	985,641	111,010,028	5,129,331	0	0	134,241,777
1006	101717	SDWWTP - ENGINEERING SERVICES / OR UPGRADES, AND REHABILITATION OF THE PLANT AND ITS APPURTENANT FACILITIES	578,843	0	578,843	0	578,843	0	0	0	0	0	0	0	0	0	578,843



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	
1006	101768	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	30,001,267	0	30,001,267	0	700,000	1,000,000	2,000,000	2,000,405	2,000,862	3,500,000	15,500,000	3,300,000	0	0	30,001,267
	101769	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - HOMESTEAD EAST - (CPCS)	6,655,875	0	6,655,875	0	0	0	0	0	0	0	6,655,875	0	0	0	6,655,875
	102102	SDWWTP FA MONITORING WELL REPLACEMENT	5,315,394	0	5,315,394	0	74,254	545,325	1,678,921	16,894	1,000,000	1,000,000	1,000,000	0	0	0	5,315,394
	TOTAL - 1006		42,551,379	0	42,551,379	0	1,353,097	1,545,325	3,678,921	2,017,299	3,000,862	4,500,000	23,155,875	3,300,000	0	0	42,551,379
1007	101650	SDWWTP - INSTALLATION OF CO-GEN UNITS 4 & 5	34,749,144	27,110,240	7,638,904	7,638,904	0	0	0	0	0	0	0	0	0	0	7,638,904
	101993	SDWWTP CENTRATE TREATMENT PROCESS - (CPCS)	23,284,397	0	23,284,397	0	0	0	0	0	0	0	1,050,000	22,234,397	0	0	23,284,397
	101994	SDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION - 8870	7,500,000	0	7,500,000	0	0	0	0	0	0	0	1,056,765	2,413,235	4,030,000	0	7,500,000
	101995	SDWWTP SUSTAINABILITY CARBON DIOXIDE SEQUESTERING WITH EFFLUENT REUSE - 7880 - (CPCS)	21,677,688	0	21,677,688	0	0	0	0	0	0	0	700,000	16,947,688	4,030,000	0	21,677,688
	102184	SDWWTP FOG RECOVERY STATION	11,000,000	0	11,000,000	0	1,000,000	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	2,000,000	0	0	0	11,000,000
	102214	SDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING #1	100,000,000	0	100,000,000	0	0	0	0	0	0	0	100,000,000	0	0	0	100,000,000
	102215	SDWWTP - REPLACEMENT 489 VOLT SUBSTATION / MCC OXYGEN PLANT 1 & 2	10,000,000	0	10,000,000	0	0	0	0	0	0	0	10,000,000	0	0	0	10,000,000



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
1007	102216	SDWWTP - EMERGENCY GENERATOR #8 SWITCHGEAR BUILDING #2	5,000,000	0	5,000,000	0	0	0	0	0	0	0	5,000,000	0	0	0	5,000,000
	102217	SDWWTP - UPGRADE EMERGENCY GENERATORS TO DUAL FUEL NG / DIESEL IN SWITCHGEAR BUILDING #2 UNIT 1-7	4,200,000	0	4,200,000	0	0	0	0	0	0	0	4,200,000	0	0	0	4,200,000
	102218	SDWWTP - RECONFIGURE 13,200 VOLT DUAL FEEDER SYSTEM TO SUBSTATION 33 AND 34, 31 AND 32, 31A AND 32A, 21 AND 22, 27AND 28, 23 AND 24, 25 AND 26	5,000,000	0	5,000,000	0	0	0	0	0	0	0	5,000,000	0	0	0	5,000,000
	102219	SDWWTP - PROVIDE REDUNDANT FEEDERS TO NEW O2 COMPRESSORS 3 AND 4 FROM SWITCHGEAR BUILDING #2	1,000,000	0	1,000,000	0	0	0	0	0	0	0	1,000,000	0	0	0	1,000,000
	TOTAL - 1007		223,411,229	27,110,240	196,300,989	7,638,904	1,000,000	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	130,006,765	41,595,320	8,060,000	0	196,300,989
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	211,613	268,986	582,338	1,987,087	2,749,976	3,200,000	6,000,000	0	0	0	15,000,000
	101985	WASTEWATER FORCE MAINS UPGRADES	30,000,000	0	30,000,000	0	387,500	1,162,500	1,000,000	1,000,000	1,000,000	1,000,000	24,450,000	0	0	0	30,000,000
	101986	18 INCH DIP FM FROM ISLAND DRIVE - (CPCS)	4,673,914	0	4,673,914	0	0	0	0	0	0	0	4,673,914	0	0	0	4,673,914
	102036	6" FM FROM PS 316 TO MH 126 ON COLLINS AVE	284,772	267,553	17,219	17,219	0	0	0	0	0	0	0	0	0	0	17,219
	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



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026		Future
1008	102043	DORAL BASIN UPGRADE - P.S. 14 UPGRADE - COUNTY SHARE	385,584	0	385,584	0	385,584	0	0	0	0	0	0	0	0	0	385,584
	102065	24-INCH FORCE MAIN EXTENSION IN NW 167 ST FROM NW 58 AVE TO NW 49 AVE THEN SOUTH TO NW 156 ST - (CPCS)	6,120,000	0	6,120,000	0	0	0	0	0	0	6,120,000	0	0	0	0	6,120,000
	102153	60-INCH WEST MIAMI-DADE FORCE MAIN - NORTH - (CPCS)	28,307,403	0	28,307,403	0	0	0	0	0	0	12,191,101	16,116,302	0	0	0	28,307,403
	102154	60-INCH WEST MIAMI-DADE FORCE MAIN - SOUTH - (CPCS)	311,757,772	0	311,757,772	0	0	0	0	0	0	9,143,163	12,087,011	290,527,598	0	0	311,757,772
	102201	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	16,000,000	0	16,000,000	0	0	150,000	550,000	950,000	1,000,000	1,500,000	11,850,000	0	0	0	16,000,000
	102202	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	7,000,000	0	7,000,000	0	0	150,000	350,000	750,000	1,000,000	1,500,000	3,250,000	0	0	0	7,000,000
	102211	CD4.10.04 OPA LOCKA AIRPORT CONCESSIONS	3,029,190	0	3,029,190	54,755	351,057	113,168	514,259	395,951	800,000	800,000	0	0	0	0	3,029,190
	102212	CD5.09.02 - PHASE II & III REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#301	7,907,736	0	7,907,736	0	221,521	314,694	521,521	1,500,000	1,750,000	2,000,000	1,600,000	0	0	0	7,907,736
	102213	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	25,193,698	0	25,193,698	0	0	252,708	765,869	1,268,000	1,500,000	1,750,000	19,657,121	0	0	0	25,193,698
	102225	PS #1 (4ST.) REPLACE ELECTRICAL SWITCHGEAR AND MCCS	1,500,000	0	1,500,000	0	0	0	0	0	0	0	1,500,000	0	0	0	1,500,000



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
1008	102226	PS #3 RECONFIGURE ELECTRICAL SYSTEM TO ACCEPT 2000KW 4160 VOLT PORTABLE GENERATOR	1,300,000	0	1,300,000	0	0	0	0	0	0	0	1,300,000	0	0	0	1,300,000
TOTAL - 1008			474,960,069	267,553	474,692,516	71,974	1,695,905	3,480,575	7,065,077	12,546,882	13,615,893	12,750,000	104,735,299	28,203,313	290,527,598	0	474,692,516
1009	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 - (CPCS)	828,000	0	828,000	0	0	0	0	0	0	0	828,000	0	0	0	0	828,000
102045	P.S. 2 BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	7,543,643	168,227	7,375,416	394,788	1,211,143	2,588,910	2,278,953	901,622	0	0	0	0	0	0	0	7,375,416
102046	P.S. 2 BASIN UPGRADE - P.S. 2 UPGRADE	3,299,999	2,808,197	491,802	491,802	0	0	0	0	0	0	0	0	0	0	0	491,802
102200	BISCAYNE BASIN PROJECTS RELATED TO CL-1	28,667,434	2,113,862	26,553,572	500,000	1,137,200	2,600,000	3,500,000	4,500,000	4,816,370	5,500,000	4,000,001	0	0	0	0	26,553,571
TOTAL - 1009			45,289,076	9,236,761	36,052,315	2,190,116	2,348,343	5,188,910	5,778,953	5,401,622	4,816,370	5,500,000	4,828,001	0	0	0	36,052,315
1010	102035	6" FM FROM PS 1071 TO MH 7 SOUTH OF SW 186 ST ON 108 AVE	1,417,034	159,028	1,258,006	1,248,583	9,423	0	0	0	0	0	0	0	0	0	1,258,006
102037	FURNISH AND INSTALL OF 8-INCH D.I. FM ALONG SW 216 ST. FROM SW 98 CT. TO SW 99 AVE.	68,091	47,593	20,498	20,498	0	0	0	0	0	0	0	0	0	0	0	20,498
102050	UPGRADE 4" FM FROM PS 733 ON US1	239,133	132,094	107,039	1,469	105,570	0	0	0	0	0	0	0	0	0	0	107,039



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
1010	102051	UPGRADE 6" FM AT SW 160 ST AND 92 AVE - (CPCS)	1,400,000	0	1,400,000	0	0	0	0	0	0	0	1,400,000	0	0	0	1,400,000
	102208	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	20,520,688	0	20,520,688	574,461	1,132,669	1,500,000	1,937,678	2,500,000	3,500,000	4,500,000	4,875,880	0	0	0	20,520,688
	102209	CD4.08.02 - REHABILITATION OF 54 INCH PCCP FM IN THE CITY PHASE 2	10,320,573	0	10,320,573	750,000	1,200,000	1,500,000	1,750,000	2,000,000	2,500,000	620,573	0	0	0	0	10,320,573
		TOTAL - 1010	33,965,519	338,715	33,626,804	2,595,011	2,447,662	3,000,000	3,687,678	4,500,000	6,000,000	5,120,573	6,275,880	0	0	0	33,626,804
1011	100050	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	8,078,459	202,397	7,876,062	4,343,498	1,258,452	1,050,000	650,000	350,000	224,112	0	0	0	0	0	7,876,062
	100889	REHABILITATION OF SEWER MAINS DUE TO I/I - DIG AND REPLACE	14,501,458	13,805,036	696,422	696,422	0	0	0	0	0	0	0	0	0	0	696,422
	100890	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	12,500,000	0	12,500,000	0	1,000,000	3,500,000	3,000,000	3,000,000	1,000,000	1,000,000	0	0	0	0	12,500,000
	101807	REHAB OF ALL JUNCTION CHAMBERS AND ASSOCIATED LINES - (CPCS)	500,000	0	500,000	0	0	0	0	0	0	0	500,000	0	0	0	500,000
		TOTAL - 1011	35,579,917	14,007,433	21,572,484	5,039,920	2,258,452	4,550,000	3,650,000	3,350,000	1,224,112	1,000,000	500,000	0	0	0	21,572,484
1012	100055	SPECIAL CONSTRUCTION - SANITARY SEWER IMPROVEMENTS	28,219,293	6,393,294	21,825,999	2,500,000	1,734,490	2,500,000	2,500,000	2,500,000	2,500,000	7,591,509	0	0	0	0	21,825,999
		TOTAL - 1012	28,219,293	6,393,294	21,825,999	2,500,000	1,734,490	2,500,000	2,500,000	2,500,000	2,500,000	7,591,509	0	0	0	0	21,825,999



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1013	101108	MIAMI SERVICE FACILITY - PHASE 2	21,537,913	164,790	21,373,123	0	1,157,478	2,011,177	3,017,882	4,172,754	4,013,832	1,000,000	6,000,000	0	0	0	21,373,123
	101461	NORTH MAINTENANCE CENTER	12,174,912	0	12,174,912	0	0	0	0	100,000	400,000	2,174,912	3,500,000	4,500,000	1,500,000	0	12,174,912
	101506	SOUTH MAINTENANCE CENTER	23,721,663	34,542	23,687,121	766,252	2,555,692	1,365,175	2,500,000	2,000,001	3,500,000	2,500,000	8,500,000	0	0	0	23,687,120
	101653	11TH STREET DISTRIBUTION FACILITY RENOVATION	3,599,510	0	3,599,510	0	0	0	0	388,510	1,211,000	1,000,000	1,000,000	0	0	0	3,599,510
	101654	WESTWOOD LAKES FACILITY ELEVATOR RENOVATION	1,500,000	0	1,500,000	0	0	0	0	100,000	600,000	800,000	0	0	0	0	1,500,000
	101886	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	1,300,000	0	1,300,000	143,794	1,156,206	0	0	0	0	0	0	0	0	0	1,300,000
	101887	MEDLEY YARD BUILDING	1,666,451	64,675	1,601,776	1,440,950	160,826	0	0	0	0	0	0	0	0	0	1,601,776
	101999	WEST MAINTENANCE CENTER	41,000,000	0	41,000,000	0	0	0	0	0	410,000	3,000,000	18,997,889	18,592,111	0	0	41,000,000
	102000	GENERAL MAINTENANCE LAND ACQUISITION - SEWER	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
	102001	LEJEUNE ROAD OFFICE EXPANSION - PHASE 2	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
	102030	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS - (CPCS)	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	150,000	200,000	500,000	800,000	600,000	0	0	0	0	0	0	2,250,000



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026		Future
		TOTAL - 1013	142,250,449	264,007	141,986,442	2,500,996	5,230,202	3,876,352	6,317,882	7,361,265	12,193,297	14,808,947	65,105,389	23,092,111	1,500,000	0	141,986,441
1014	100984	REFURBISH STRUCTURES IN PUMP STATIONS	2,611,591	135,887	2,475,704	775,704	100,000	300,000	400,000	400,000	500,000	0	0	0	0	0	2,475,704
		TOTAL - 1014	2,611,591	135,887	2,475,704	775,704	100,000	300,000	400,000	400,000	500,000	0	0	0	0	0	2,475,704
1015	101454	PUMP STATION IMPROVEMENT PROGRAM	149,290,635	35,425,022	113,865,613	35,659,888	38,182,968	40,022,757	0	0	0	0	0	0	0	0	113,865,613
	102192	OUT OF COMPLIANCE PUMP STATIONS	115,467,242	0	115,467,242	0	1,000,000	2,000,000	3,000,000	4,000,000	5,000,000	6,000,000	7,000,000	8,000,000	79,467,242	0	115,467,242
		TOTAL - 1015	264,757,877	35,425,022	229,332,855	35,659,888	39,182,968	42,022,757	3,000,000	4,000,000	5,000,000	6,000,000	7,000,000	8,000,000	79,467,242	0	229,332,855
1018	101710	MASTER PUMP STATION NO. 3 (FORMERLY P.S. 8)	62,980,544	45,685,365	17,295,179	5,295,179	5,000,000	3,000,000	3,000,000	1,000,000	0	0	0	0	0	0	17,295,179
	101774	FORCE MAIN IN DORAL N.W. 107TH AVE.	11,765,974	272,914	11,493,060	1,354,233	2,842,772	3,296,055	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	0	11,493,060
	101846	PS 559 FLOW METER	500,000	0	500,000	0	500,000	0	0	0	0	0	0	0	0	0	500,000
	102194	WASTEWATER MASTER PLAN	3,798,900	0	3,798,900	0	900,000	1,898,900	1,000,000	0	0	0	0	0	0	0	3,798,900
		TOTAL - 1018	79,045,418	45,958,279	33,087,139	6,649,412	9,242,772	8,194,955	5,000,000	2,000,000	1,000,000	1,000,000	0	0	0	0	33,087,139
1019	100877	SANITARY SEWER SYSTEM EXTENSION	24,233,184	4,220,228	20,012,956	10,748,242	2,113,135	2,113,135	3,038,444	1,000,000	500,000	500,000	0	0	0	0	20,012,956



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1019	101722	DESIGN AND ENGINEERING SERVICES FOR SANITARY SEWER FORCE MAINS AND SANITARY SEWER GRAVITY MAINS - (CPCS)	721,630	0	721,630	0	0	0	0	0	0	0	721,630	0	0	0	721,630
	101733	SANITARY SEWER SYSTEM EXTENSION FOR JPA'S	10,852,486	9,669,546	1,182,940	182,940	500,000	500,000	0	0	0	0	0	0	0	0	1,182,940
	102128	6" FM FROM PS 746 TO SW 156 ST & US1	2,102,856	172,347	1,930,509	1,930,505	0	0	0	0	0	0	0	0	0	0	1,930,505
	102129	6" PVC FM FROM PS 1070 SOUTH TO MH 19	967,262	536,806	430,456	430,456	0	0	0	0	0	0	0	0	0	0	430,456
	102130	REPLACE 8" FM FROM PS 149 SOUTH TO NW 112 AVE & W. FLAGLER ST	676,266	285,445	390,821	390,821	0	0	0	0	0	0	0	0	0	0	390,821
	102131	INSTALL 8-INCH D.I. FORCE MAIN ALONG SW 192 AVE. FROM SW 354 ST. TO SW 360 ST.	23,845	0	23,845	23,845	0	0	0	0	0	0	0	0	0	0	23,845
	102195	WASTEWATER NEEDS ASSESMENT FOR NEW GRAVITY SEWER PHASE 1 - (CPCS)	190,133,491	0	190,133,491	0	0	0	0	0	0	0	190,133,491	0	0	0	190,133,491
	TOTAL - 1019		229,711,020	14,884,372	214,826,648	13,706,809	2,613,135	2,613,135	3,038,444	1,000,000	500,000	500,000	190,855,121	0	0	0	214,826,644
1021	101816	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS	2,300,000	0	2,300,000	0	0	1,050,000	250,000	250,000	250,000	250,000	250,000	0	0	0	2,300,000
	101823	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	1,655,000	0	1,655,000	0	0	250,000	275,000	275,000	285,000	285,000	285,000	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	0	0	1,675,000	1,875,000	1,975,000	1,875,000	1,980,000	2,880,000	0	0	0	12,260,000



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
1021	101930	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	5,275,000	224,648	5,050,352	813,375	850,000	950,000	1,000,000	1,000,000	436,977	0	0	0	0	0	5,050,352
	101933	REPLACEMENT OF SUBMERSIBLE PUMPING EQUIPMENT	949,697	199,697	750,001	0	0	500,000	250,000	0	0	0	0	0	0	0	750,000
	101934	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	3,364,908	114,908	3,250,000	100,000	750,000	800,000	1,600,000	0	0	0	0	0	0	0	3,250,000
	102159	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	11,970,000	0	11,970,000	0	0	250,000	2,250,000	2,350,000	2,460,000	2,460,000	2,200,000	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	783,525	546,517	1,388,765	3,429,897	13,500,000	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	706,607	978,697	3,893,715	567,047	11,600,000	0	0	0	18,000,003
	102163	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	13,106,279	0	13,106,279	0	0	291,076	1,281,448	2,718,729	3,500,000	315,026	5,000,000	0	0	0	13,106,279
	102164	REPLACEMENT OF CONE VALVES	4,048,777	0	4,048,777	0	0	1,500,000	391,034	1,766,167	179,134	212,442	0	0	0	0	4,048,777
	102165	REPLACEMENT OF OBSOLETE GENERATORS	7,645,990	0	7,645,990	0	0	250,000	1,033,115	438,440	3,684,165	240,270	2,000,000	0	0	0	7,645,990
	TOTAL - 1021		100,575,654	539,252	100,036,402	913,375	1,600,000	8,121,309	11,695,729	12,298,550	17,952,756	9,739,682	37,715,000	0	0	0	100,036,401
1023	100621	TELEMETERING SYSTEM - WASTEWATER	7,421,982	1,375,711	6,046,271	2,559,705	486,566	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	6,046,271



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026		Future
		TOTAL - 1023	7,421,982	1,375,711	6,046,271	2,559,705	486,566	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	6,046,271
1024	100622	WASTEWATER SYSTEM UPGRADES	315,780,582	21,448,641	294,331,941	18,428,441	17,403,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	0	0	0	294,331,941
		TOTAL - 1024	315,780,582	21,448,641	294,331,941	18,428,441	17,403,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	0	0	0	294,331,941
1025	100623	LIFT STATION STRUCTURAL MAINTENANCE & UPGRADES	30,845,886	6,261,186	24,584,700	60,000	3,524,700	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	24,584,700
	102126	RELOCATION OF 20 PUMP STATIONS	13,769,264	0	13,769,264	256,221	1,886,474	1,626,569	2,000,000	1,500,000	500,000	1,000,000	5,000,000	0	0	0	13,769,264
		TOTAL - 1025	44,615,150	6,261,186	38,353,964	316,221	5,411,174	5,126,569	5,500,000	5,000,000	4,000,000	4,500,000	8,500,000	0	0	0	38,353,964
1027	100625	MISCELLANEOUS TOOLS AND EQUIPMENT	49,076,267	7,712,026	41,364,241	5,051,811	6,312,430	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	0	0	41,364,241
	101729	VEHICLES/TRANSPORTATION EQUIPMENT	51,447,783	3,645,497	47,802,286	6,026,443	5,775,843	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	0	0	0	47,802,286
	101730	HEAVY CONSTRUCTION EQUIPMENT	35,429,766	8,901,156	26,528,610	5,940,110	5,588,500	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	26,528,610
		TOTAL - 1027	135,953,816	20,258,679	115,695,137	17,018,364	17,676,773	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	0	0	0	115,695,137
1029	100627	WASTEWATER TREATMENT PLANTS REHABILITATION	100,089,959	20,318,959	79,771,000	11,796,500	16,374,500	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	0	0	0	79,771,000
	101732	SECURITY PROJECTS	16,596,983	0	16,596,983	2,394,666	2,275,833	4,926,484	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	0	0	0	16,596,983



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1029	102018	UPGRADE WHOLESALE WASTEWATER FLOW METERS - (CPCS)	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			168,336,942	20,318,959	148,017,983	14,191,166	18,650,333	13,526,484	10,000,000	10,000,000	10,000,000	10,000,000	61,650,000	0	0	0	148,017,983
1032	101808	EMD GENERATOR HOUSING REPLACEMENT AT WWTP	1,800,000	0	1,800,000	0	1,800,000	0	0	0	0	0	0	0	0	0	1,800,000
	101885	WWTP - VIDEO SURVEILANCE SYSTEM	5,000,000	0	5,000,000	69,341	688,743	288,424	3,793,312	160,180	0	0	0	0	0	0	5,000,000
	102004	WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES - (CPCS)	7,500,000	0	7,500,000	0	0	0	0	0	500,000	500,000	6,500,000	0	0	0	7,500,000
TOTAL - 1032			14,300,000	0	14,300,000	69,341	2,488,743	288,424	3,793,312	160,180	500,000	500,000	6,500,000	0	0	0	14,300,000
1039	101791	CONTRACT SPECIFICATIONS MIASP	1,326,105	866,794	459,311	207,466	251,845	0	0	0	0	0	0	0	0	0	459,311
TOTAL - 1039			1,326,105	866,794	459,311	207,466	251,845	0	0	0	0	0	0	0	0	0	459,311
1040	101858	FLOW CONTROL PIPELINE INTERCONNECTION (CL-X)	6,387,546	0	6,387,546	0	0	0	0	0	41,672	247,398	1,789,125	4,083,937	225,414	0	6,387,546
	101862	UPGRADE AND EXPANSION TO PS 187 (CEP-187E)	71,353,459	0	71,353,459	784,032	940,921	475,391	828,459	2,449,976	1,013,061	3,000,000	34,942,172	26,869,455	49,992	0	71,353,459
	101867	CDWWTP HLD FILTERS (141 MGD) (CT-2)	269,913,530	0	269,913,530	0	1,468,377	1,074,801	2,359,777	3,541,951	4,527,370	5,012,796	44,319,059	77,773,503	129,835,896	0	269,913,530
	102006	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	122,590,683	0	122,590,683	0	1,285,117	2,398,510	3,236,257	745,916	1,207,413	3,554,397	82,194,056	4,615,112	23,353,905	0	122,590,683



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026		
1040	102007	NDWWTP- BZ DEEP INJECTION WELLS (NE-2)	60,503,649	0	60,503,649	0	0	0	687,070	377,687	3,060,929	4,838,743	19,252,356	31,351,627	935,237	0	60,503,649
	102008	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	38,495,530	0	38,495,530	0	515,459	1,042,200	233,313	233,313	233,313	1,842,389	20,084,257	12,954,926	1,356,360	0	38,495,530
	102009	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	85,696,395	0	85,696,395	0	516,453	1,161,749	526,194	587,941	220,741	1,501,727	37,119,294	23,925,798	20,136,498	0	85,696,395
	102010	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	66,950,842	0	66,950,842	166,734	884,847	107,627	1,102,144	2,744,750	3,379,227	5,147,231	9,453,504	6,383,477	37,581,301	0	66,950,842
	102034	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	1,880,345,702	2,335,466	1,878,010,236	3,712,551	566,014	1,087,629	2,587,629	3,772,000	4,132,039	6,624,431	456,793,588	233,655,983	1,165,078,372	0	1,878,010,236
	102038	CDWWTP - CENTRATE INJECTION WELL (CE-4)	32,897,619	25,803,403	7,094,216	5,133,865	1,960,351	0	0	0	0	0	0	0	0	0	7,094,216
	102068	48-INCH FM CONNECTION IN NW 58 ST FROM NW 107 AVE TO NW 79 AVE - DORAL (CL-3)	56,505,274	0	56,505,274	0	0	0	0	432,135	1,623,574	753,635	19,176,498	20,519,432	14,000,000	0	56,505,274
	102070	54-INCH FM FROM WP-1 (DORAL) TO WDWTP (CL-9)	136,940,801	0	136,940,801	0	0	0	0	2,050,304	3,859,063	4,898,545	56,931,401	40,478,854	28,722,634	0	136,940,801
	102071	72-INCH FM CONNECTION IN SW 137 AVE TO CL-4 FM IN NW 6 ST (CL-5)	28,079,163	0	28,079,163	0	0	0	0	0	801,689	2,046,924	13,958,673	8,271,877	3,000,000	0	28,079,163
	102073	CDWWTP - PEAK FLOW TREATMENT (CT-3)	57,180,300	0	57,180,300	0	392,483	686,664	686,664	686,664	1,960,908	716,685	4,910,729	29,727,622	17,411,881	0	57,180,300
	102075	DORAL BOOSTER STATION (WP-1)	32,105,618	3,400,000	28,705,618	0	0	384,363	735,322	1,058,889	3,287,922	5,809,090	17,430,032	0	0	0	28,705,618



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1040	102076	EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWWT (CL-4)	242,132,788	0	242,132,788	0	0	0	4,531,104	1,559,537	1,102,966	2,084,888	75,609,107	34,481,644	122,763,542	0	242,132,788
	102080	NDWWTP - PEAK FLOW TREATMENT (NT-3)	41,004,613	0	41,004,613	0	0	0	1,751,187	1,400,269	295,130	3,381,109	32,764,149	1,412,769	0	0	41,004,613
	102092	WDWWTP - INJECTION WELL PUMP STATION (WE-1)	127,836,792	0	127,836,792	0	0	0	4,411,166	3,725,422	1,088,026	5,477,831	41,205,055	43,355,194	28,574,098	0	127,836,792
	102093	WDWWTP - INJECTION WELLS (WE-2)	151,895,010	0	151,895,010	0	0	0	2,130,510	4,823,990	6,625,240	61,948,215	44,731,390	31,635,665	0	0	151,895,010
	102094	WDWWTP - PEAK FLOW TREATMENT	40,044,822	0	40,044,822	0	65,386	405,344	2,417,944	967,685	1,702,681	4,925,869	9,921,009	9,847,650	9,791,254	0	40,044,822
	102096	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	40,900,427	1,533,077	39,367,350	343,693	1,741,578	2,924,872	3,057,207	4,500,000	5,000,000	6,500,000	8,300,000	7,000,000	0	0	39,367,350
	102125	WWTP - STORM SURGE PROTECTION (XS-1)	129,559,478	0	129,559,478	0	0	0	2,756,721	5,537,468	4,031,096	5,541,399	78,650,961	22,012,553	11,029,280	0	129,559,478
	102138	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	257,888,028	22,758,549	235,129,479	14,166,873	11,534,482	2,367,763	4,619,773	5,079,259	6,751,709	7,551,687	18,327,816	18,206,134	146,523,983	0	235,129,479
	102150	SE-2 SDWWTP BZ DEEP MUNICIPAL INJECTION WELLS	20,922,139	0	20,922,139	336,376	1,068,355	2,168,719	3,458,973	3,220,165	3,669,551	3,500,000	3,500,000	0	0	0	20,922,139
	102151	SE-1 SDWWTP - BZ EFFLUENT DISPOSAL PUMP STATION	33,291,200	0	33,291,200	399,711	1,206,808	3,964,119	5,234,667	7,485,895	8,000,000	7,000,000	0	0	0	0	33,291,200
	102203	XR-1 REUSE PROJECTS	95,000,000	0	95,000,000	0	0	0	0	0	0	0	95,000,000	0	0	0	95,000,000
	102204	72 INCH RECLAIMED WATER PIPELINE TO TURKEY POINT FPL	98,000,000	0	98,000,000	0	0	0	0	0	0	0	98,000,000	0	0	0	98,000,000



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1040	102210	10665 - NDWWTP - INJECTION WELLS PS UPGRADE PHASE I EFFLUENT DISPOSAL	7,343,584	0	7,343,584	0	0	0	0	0	0	0	7,343,584	0	0	0	7,343,584
TOTAL - 1040			4,231,764,992	55,830,495	4,175,934,497	25,043,835	24,146,631	20,249,751	45,221,571	54,287,736	65,814,070	98,582,014	1,348,924,640	701,658,937	1,792,005,312	0	4,175,934,497
1041	101611	SANITARY SEWER SYSTEM ENHANCEMENTS	8,635,000	5,155,000	3,480,000	492,525	875,614	969,557	692,305	450,000	0	0	0	0	0	0	3,480,001
101612	SANITARY SEWER NEEDS ASSESSMENT	3,529,000	1,523,800	2,005,200	535,000	810,600	479,000	124,800	55,800	0	0	0	0	0	0	0	2,005,200
101796	UPGRADE OF MIAMI SPRINGS PUMP STATION AND CONTRACT SPECIFICATIONS	838,000	587,000	251,000	150,600	75,300	25,100	0	0	0	0	0	0	0	0	0	251,000
101957	NW 37TH AVENUE - SEWER MAINS IMPROVEMENTS	5,110,500	1,465,500	3,645,000	484,500	491,000	613,500	859,000	1,197,000	0	0	0	0	0	0	0	3,645,000
TOTAL - 1041			18,112,500	8,731,300	9,381,200	1,662,625	2,252,514	2,087,157	1,676,105	1,702,800	0	0	0	0	0	0	9,381,201
1042	101967	WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS	34,214,200	10,214,200	24,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	24,000,000
TOTAL - 1042			34,214,200	10,214,200	24,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	24,000,000
1044	102500	SDWWTP - HEADWORKS	2,355,012	60,582	2,294,430	795,965	767,076	484,738	246,651	0	0	0	0	0	0	0	2,294,430
102501	SDWWTP - OXYGEN PRODUCTION	14,533,511	1,231,871	13,301,640	1,333,468	3,715,897	4,090,326	2,161,949	2,000,000	0	0	0	0	0	0	0	13,301,640
102502	SDWWTP - OXYGENATION TRAINS	38,471,962	0	38,471,962	1,014,908	3,611,119	1,494,990	2,289,288	3,205,988	4,873,710	5,753,992	16,227,967	0	0	0	0	38,471,962



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
1044	102503	SDWWTP - CHLORINE BUILDING	3,277,038	0	3,277,038	0	69,087	148,048	413,905	2,266,661	379,337	0	0	0	0	0	3,277,038
	102504	SDWWTP - EFFLUENT PUMP STATION	34,488,320	3,046,196	31,442,124	1,678,440	1,480,631	2,054,373	3,543,631	5,894,887	6,790,164	5,500,000	4,499,999	0	0	0	31,442,125
	102505	SDWWTP - GRAVITY SLUDGE THICKENERS	38,171,566	0	38,171,566	1,088,393	2,501,735	3,443,790	5,874,406	6,263,242	6,500,000	5,500,000	4,000,000	3,000,000	0	0	38,171,566
	102506	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	103,922,893	4,115,959	99,806,934	1,364,813	2,130,791	3,509,244	4,397,359	5,404,727	6,000,000	8,000,000	20,000,000	18,000,000	31,000,000	0	99,806,934
	102507	SDWWTP - DEWATERING FACILITY	40,305,999	1,779,894	38,526,105	2,124,598	3,092,759	4,223,454	5,085,296	6,500,000	5,500,000	4,500,000	4,499,999	3,000,000	0	0	38,526,106
	102508	SDWWTP - FOG REMOVAL FACILITY	5,577,252	1,039,438	4,537,814	1,395,371	2,142,442	1,000,000	0	0	0	0	0	0	0	0	4,537,813
	102509	SDWWTP - ODOR CONTROL	15,966,700	0	15,966,700	0	20,350	516,179	802,763	4,018,840	8,591,705	2,016,863	0	0	0	0	15,966,700
	102510	SDWWTP - GENERAL ELECTRICAL	14,493,493	0	14,493,493	1,431,014	3,366,460	4,160,574	3,330,363	2,109,286	69,351	26,445	0	0	0	0	14,493,493
	102511	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	7,405,084	0	7,405,084	632,268	1,052,851	1,078,900	1,028,944	2,612,121	1,000,000	0	0	0	0	0	7,405,084
	102600	CDWWTP - ELECTRICAL IMPROVEMENTS	22,858,406	2,018,333	20,840,073	2,015,177	3,085,196	5,855,858	3,883,842	3,500,000	2,500,000	0	0	0	0	0	20,840,073
	102601	CDWWTP - BUILDING IMPROVEMENTS	4,466,872	509,097	3,957,775	1,657,340	653,901	536,930	528,943	334,367	230,543	15,751	0	0	0	0	3,957,775
	102602	HEADWORKS PLANT 1	15,178,765	5,030,679	10,148,086	5,636,191	3,511,896	1,000,000	0	0	0	0	0	0	0	0	10,148,087



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1044	102603	CDWWTP - HEADWORKS PLANT 2	9,393,134	0	9,393,134	3,684,195	3,708,939	2,000,000	0	0	0	0	0	0	0	0	9,393,134
	102604	CDWWTP - OXYGENATION TRAINS PLANT 1	10,227,931	137,483	10,090,448	3,379,656	4,710,792	2,000,000	0	0	0	0	0	0	0	0	10,090,448
	102605	CDWWTP - OXYGENATION TRAINS PLANT 2	30,778,307	5,121,225	25,657,082	1,097,742	2,181,526	3,199,895	5,017,265	4,160,654	3,800,000	3,500,000	2,700,000	0	0	0	25,657,082
	102606	CDWWTP - SECONDARY CLARIFIERS PLANT 1	18,327,969	0	18,327,969	0	177,312	452,236	1,123,350	2,136,477	3,392,598	4,713,374	3,031,417	3,301,205	0	0	18,327,969
	102607	CDWWTP - SECONDARY CLARIFIERS PLANT 2	40,148,367	0	40,148,367	1,083,605	1,383,085	3,626,233	4,559,935	6,244,996	7,109,818	6,140,695	5,500,000	4,500,000	0	0	40,148,367
	102608	CDWWTP - RS PUMP STATIONS PLANT 1	13,529,746	0	13,529,746	0	134,720	343,605	838,642	2,312,579	3,955,599	3,462,320	2,254,477	227,804	0	0	13,529,746
	102609	CDWWTP - RS PUMP STATIONS PLANT 2	14,696,590	981,473	13,715,117	1,637,706	1,589,727	1,859,331	2,060,152	2,128,872	2,132,125	2,307,204	0	0	0	0	13,715,117
	102610	CDWWTP - EFFLUENT PUMP STATION	16,240,490	0	16,240,490	720,822	1,396,799	5,702,217	4,420,652	2,500,000	1,500,000	0	0	0	0	0	16,240,490
	102611	CDWWTP - SLUDGE THICKENERS PLANT 1	29,105,228	0	29,105,228	836,165	1,475,333	3,524,139	5,269,591	6,500,000	4,500,000	3,500,000	3,500,000	0	0	0	29,105,228
	102612	CDWWTP - SLUDGE THICKENERS PLANT 2	30,206,147	0	30,206,147	1,215,443	2,301,202	3,855,102	5,834,400	7,000,000	5,500,000	4,500,000	0	0	0	0	30,206,147
	102613	CDWWTP - DIGESTERS PLANT 1	7,878,301	0	7,878,301	400,158	47,316	202,522	463,339	1,887,245	2,847,396	1,643,686	386,639	0	0	0	7,878,301
	102614	CDWWTP - DIGESTERS PLANT 2	132,355,108	7,928,386	124,426,722	4,699,681	5,870,951	2,825,506	3,446,826	5,493,842	6,089,916	7,500,000	30,000,000	19,000,000	39,500,000	0	124,426,722
	102615	CDWWTP - DEWATERING BUILDING	45,284,982	1,688,293	43,596,689	1,523,345	3,636,829	3,258,199	5,610,577	6,567,739	6,500,000	6,500,000	10,000,000	0	0	0	43,596,689



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1044	102616	CDWWTP - CHLORINATION FACILITIES	21,768,229	5,170,334	16,597,895	10,030,955	4,566,939	2,000,000	0	0	0	0	0	0	0	0	16,597,894
	102617	CDWWTP - ODOR CONTROL SYSTEMS	13,400,181	0	13,400,181	1,215,943	4,122,942	6,362,291	1,595,075	103,930	0	0	0	0	0	0	13,400,181
	102618	CDWWTP - CO-GEN FACILITY	45,687,314	6,662,204	39,025,110	3,560,763	4,422,132	2,042,212	3,500,000	4,500,000	3,500,000	2,500,002	15,000,000	0	0	0	39,025,109
	102620	CDWWTP - PUMP STATION 1	14,312,893	652,503	13,660,390	1,156,799	953,995	5,222,976	4,326,621	2,000,000	0	0	0	0	0	0	13,660,391
	102621	CDWWTP - PUMP STATION 2	9,289,282	964,732	8,324,550	5,377,807	2,946,742	0	0	0	0	0	0	0	0	0	8,324,549
	102622	CDWWTP - O2 PLANT PROCESS CONTROLS PHASE 2	1,116,694	602,122	514,572	514,572	0	0	0	0	0	0	0	0	0	0	514,572
	102623	CDWWTP - GAS MONITORING	1,116,261	210,467	905,794	852,768	53,026	0	0	0	0	0	0	0	0	0	905,794
	102624	CDWWTP - VENTILATION IMPROVEMENTS	9,495,600	0	9,495,600	701,382	1,010,318	1,377,377	1,735,823	1,657,940	1,228,237	917,865	866,659	0	0	0	9,495,601
	102626	CDWWTP - OXYGEN PRODUCTION	37,507,723	751,056	36,756,667	2,010,793	3,591,728	2,005,034	3,549,109	4,500,000	5,100,001	6,000,001	10,000,000	0	0	0	36,756,666
	102628	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	145,222,012	26,652,423	118,569,589	15,359,355	12,597,218	9,025,615	9,832,711	9,967,316	9,929,763	9,857,611	11,500,000	30,500,000	0	0	118,569,589
	102700	NDWWTP - HEADWORKS AND SLUDGE DEGRITTING TRANSFER	34,831,759	14,036,040	20,795,719	10,002,714	6,793,004	4,000,000	0	0	0	0	0	0	0	0	20,795,718
	102701	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	67,883,926	2,454,255	65,429,671	2,202,051	3,320,187	2,538,692	3,284,011	4,384,727	5,500,000	6,000,000	10,200,001	28,000,001	0	0	65,429,670



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026		
1044	102702	NDWWTP - OXYGENATION TRAINS	65,451,788	0	65,451,788	0	0	733,140	2,162,509	3,863,194	5,069,946	7,935,659	45,687,340	0	0	0	65,451,788
	102703	NDWWTP - OXYGEN PRODUCTION	18,731,000	0	18,731,000	44,700	471,418	643,221	931,593	8,901,881	5,942,344	1,795,843	0	0	0	0	18,731,000
	102704	NDWWTP - SECONDARY CLARIFIERS	54,303,031	10,895,283	43,407,748	5,158,527	1,226,010	3,064,488	4,024,636	6,797,782	7,397,313	6,293,745	4,386,119	4,672,012	387,116	0	43,407,748
	102705	NDWWTP - DISINFECTION	36,771,744	3,460,100	33,311,644	1,402,668	3,326,238	4,052,969	5,529,766	5,000,000	5,000,000	5,000,000	4,000,002	0	0	0	33,311,643
	102706	NDWWTP - EFFLUENT DISPOSAL	8,745,299	4,124,891	4,620,408	573,283	1,523,541	1,580,004	943,580	0	0	0	0	0	0	0	4,620,408
	102707	NDWWTP - PLANT WIDE ELECTRICAL	7,128,454	0	7,128,454	738,289	1,276,155	1,515,157	1,326,316	895,803	674,587	702,147	0	0	0	0	7,128,454
	102708	NDWWTP - FLOOD MITIGATION	666,237	666,237	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 1044	1,353,074,600	111,991,558	1,241,083,042	103,349,833	112,018,315	112,609,565	114,973,819	143,615,096	139,104,453	122,083,203	208,240,619	114,201,022	70,887,116	0	1,241,083,041
1045	102800	COLLECTION SYSTEM I/I REPAIRS	131,322,707	15,831,096	115,491,611	24,967,650	8,783,770	6,052,778	6,100,000	6,100,000	6,100,000	6,100,000	9,050,476	11,009,687	31,227,251	0	115,491,612
	102802	GOVERNMENT CUT FM - PHASE 3	90,586,626	68,414,365	22,172,261	22,172,261	0	0	0	0	0	0	0	0	0	0	22,172,261
	102803	NORTH DADE 72 INCH PCCP FM REHABILITATION	21,987,127	17,993,182	3,993,945	3,993,945	0	0	0	0	0	0	0	0	0	0	3,993,945
	102804	SOUTH DADE 54 INCH PCCP FM REHABILITATION	51,107,789	2,252,706	48,855,083	2,111,054	3,744,029	2,500,000	3,500,000	4,500,000	6,000,000	7,500,000	5,500,000	3,500,000	10,000,000	0	48,855,083



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
1045	102805	REPLACEMENT OF TAMAMIAMI 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	893,137	893,137	0	0	0	0	0	0	0	0	0	0	0	0	0
	102807	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	9,925,440	538,203	9,387,237	9,356,925	7,930	7,930	7,952	5,175	1,325	0	0	0	0	0	9,387,237
	102808	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	34,408,955	5,440,856	28,968,099	4,598,177	5,611,639	2,574,581	3,183,702	3,000,000	3,000,000	1,000,000	6,000,000	0	0	0	28,968,099
	102809	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	22,237,677	922,430	21,315,247	16,163,376	3,151,871	2,000,000	0	0	0	0	0	0	0	0	21,315,247
		TOTAL - 1045	363,090,534	112,907,051	250,183,483	83,363,388	21,299,239	13,135,289	12,791,654	13,605,175	15,101,325	14,600,000	20,550,476	14,509,687	41,227,251	0	250,183,484
1046	102900	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	11,464,533	1,716,932	9,747,601	5,263,147	4,338,280	146,174	0	0	0	0	0	0	0	0	9,747,601
	102901	UPGRADE OF PS#0692	458,618	458,618	0	0	0	0	0	0	0	0	0	0	0	0	0
	102902	UPGRADE OF PS#0691	13,592,467	310,447	13,282,020	1,606,555	3,317,514	2,357,949	2,500,000	2,000,000	1,500,001	0	0	0	0	0	13,282,019
	102903	REPLACEMENT OF SWITCHGEAR PS#0414	6,650,280	690,120	5,960,160	1,727,732	4,232,428	0	0	0	0	0	0	0	0	0	5,960,160
	102904	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0415	8,302,516	707,359	7,595,157	1,271,694	2,229,124	2,094,339	1,500,000	500,000	0	0	0	0	0	0	7,595,157



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	
1046	102905	REPLACEMENT OF SWITCHGEAR PS#0416	6,724,022	666,205	6,057,817	1,744,201	4,313,615	0	0	0	0	0	0	0	0	0	6,057,816
	102906	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0417	5,310,245	706,557	4,603,688	781,496	3,111,618	710,574	0	0	0	0	0	0	0	0	4,603,688
	102907	REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT IN PS#0107	1,749,767	153,912	1,595,855	691,613	904,243	0	0	0	0	0	0	0	0	0	1,595,856
	102908	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	5,256,163	845,294	4,410,869	1,362,297	2,441,403	66,453	540,715	0	0	0	0	0	0	0	4,410,868
	102909	UPGRADE OF PS#0488	918,022	339,476	578,546	521,331	57,215	0	0	0	0	0	0	0	0	0	578,546
	102910	INSTALLATION OF 60 INCH FM FROM KENDALL DR TO PS#0536	2,584,186	21,269	2,562,917	831,987	1,730,930	0	0	0	0	0	0	0	0	0	2,562,917
	102911	REPLACEMENT OF SWITCHGEAR AT PS#0187	13,050,008	641,772	12,408,236	4,963,113	4,445,123	3,000,000	0	0	0	0	0	0	0	0	12,408,236
	102912	REFURBISH EMERGENCY GENERATORS AND CONTROLS AT REGIONAL PUMP STATIONS	498,054	498,054	0	0	0	0	0	0	0	0	0	0	0	0	0
	102914	UPGRADE OF PS #0065, 0201, 0334, 0374, 0607	4,511,598	4,054,081	457,517	457,518	0	0	0	0	0	0	0	0	0	0	457,518
	102915	UPGRADE OF PS #00198, 0437, 0466, 0680	3,979,050	407,705	3,571,345	3,571,345	0	0	0	0	0	0	0	0	0	0	3,571,345
	102916	UPGRADE OF PS #0037, 0351, 0370, 0403	5,811,106	97,512	5,713,594	1,939,024	3,774,570	0	0	0	0	0	0	0	0	0	5,713,594



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
1046	102917	UPGRADE OF PS #0441, 0491, 0710, 0827, 0852, 1236	6,723,010	0	6,723,010	726,981	1,576,099	2,419,930	2,000,000	0	0	0	0	0	0	0	6,723,010
	102918	SCADA RTU UPGRADES	4,724,285	4,724,285	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL - 1046		102,307,930	17,039,599	85,268,331	27,460,034	36,472,162	10,795,419	6,540,715	2,500,000	1,500,001	0	0	0	0	0	85,268,331
1047	103000	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - GRAVITY AND FORCE MAINS	142,850,106	39,520	142,810,586	1,149,720	3,364,920	7,241,520	8,780,720	10,730,720	13,221,000	13,304,720	31,861,126	53,156,140	0	0	142,810,586
	103001	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PUMP STATIONS	131,861,637	36,480	131,825,157	1,061,280	3,106,080	6,684,480	8,105,280	9,905,280	12,204,000	12,281,280	29,410,271	49,067,206	0	0	131,825,157
	103002	SUPPLEMENTAL ENVIRONMENT PROJECT (SEP)	3,957,653	525,882	3,431,771	576,783	2,493,810	361,178	0	0	0	0	0	0	0	0	3,431,771
	TOTAL - 1047		278,669,396	601,882	278,067,514	2,787,783	8,964,810	14,287,178	16,886,000	20,636,000	25,425,000	25,586,000	61,271,397	102,223,346	0	0	278,067,514
1048	101757	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	22,629,332	344,790	22,284,542	3,590,795	4,220,603	2,125,696	3,347,448	3,000,000	2,500,000	500,000	3,000,000	0	0	0	22,284,542
	101759	48-INCH - ALLOWS P.S. 300 TO PUMP NORTH TO P.S. 1310 DISCHARGE (NL-7)	2,059,115	0	2,059,115	0	0	0	0	0	13,346	54,457	1,010,810	950,095	30,407	0	2,059,115
	101861	CORAL GABLES REROUTE (CL-2)	19,315,695	0	19,315,695	0	0	0	0	242,636	8,730	5,174,877	11,086,626	2,688,687	114,139	0	19,315,695
	101864	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	327,969,805	0	327,969,805	0	1,154,807	1,659,633	1,781,366	2,530,230	4,008,960	5,558,149	70,673,849	48,815,063	191,787,748	0	327,969,805



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
1048	101865	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	51,991,092	0	51,991,092	285,050	258,375	1,984,450	1,586,335	2,694,510	3,075,118	4,737,488	11,369,766	26,000,000	0	0	51,991,092
	102012	SOUTHWEST DADE BOOSTER STATION (SP-1)	58,097,150	0	58,097,150	492,427	1,643,899	2,379,687	3,644,769	4,685,320	5,251,048	6,000,000	7,000,000	15,000,000	12,000,000	0	58,097,150
	102041	DORAL BASIN UPGRADE - 24 INCH FORCE MAIN NW 74TH ST FROM NW 97 TO NW 107 AVE. (CL-6)	3,266,828	0	3,266,828	0	0	0	0	0	87,410	63,042	2,030,975	1,038,919	46,482	0	3,266,828
	102055	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	45,056,601	0	45,056,601	182,043	543,721	772,722	803,586	1,281,230	1,693,299	1,500,000	7,500,000	5,000,000	25,780,000	0	45,056,601
	102056	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	334,290,920	0	334,290,920	1,252,235	2,345,906	2,777,727	3,519,865	2,962,648	3,432,539	4,500,000	45,000,000	193,000,000	75,500,000	0	334,290,920
	102063	24-INCH FM CONNECTION FROM PS 1073 TO PS 691 (SL-6)	4,124,333	0	4,124,333	60,495	135,766	434,045	2,806,375	654,228	33,424	0	0	0	0	0	4,124,333
	102064	24-INCH FM FROM PS 416 TO 30-INCH FM AT NW 171 ST / 67 AVE (NL-6)	6,958,310	0	6,958,310	0	0	0	0	0	0	207,981	2,226,573	4,376,100	147,656	0	6,958,310
	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)	1,807,905	0	1,807,905	0	0	0	0	0	0	56,116	418,038	1,281,127	52,624	0	1,807,905
	102067	42-INCH FM CONNECTION FROM PS 691 TO PS 692 (SL-5)	26,468,141	0	26,468,141	0	0	0	0	0	0	800,618	560,549	4,235,568	20,871,406	0	26,468,141
	102069	48-INCH FORCE MAIN CONNECTION FROM NW 62 AVE AT W 77 ST TO DISCHARGE FORCE MAIN OF PS 307 (NL-4)	10,428,261	0	10,428,261	0	0	0	92,534	219,450	512,315	3,568,274	2,840,768	2,194,920	1,000,000	0	10,428,261
	102072	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	62,765,348	0	62,765,348	1,013,203	1,967,858	2,310,430	3,411,404	3,062,453	4,500,000	2,500,000	12,000,000	17,000,000	15,000,000	0	62,765,348



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1048	102077	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	87,014,344	0	87,014,344	1,744,207	446,614	1,423,575	2,150,708	3,020,001	4,229,239	5,500,000	2,500,000	66,000,000	0	0	87,014,344
	102078	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	18,042,649	0	18,042,649	342,268	572,353	914,731	1,998,954	2,923,437	3,290,906	4,500,000	3,500,000	0	0	0	18,042,649
	102079	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	21,655,237	0	21,655,237	407,245	879,664	1,518,901	2,677,207	3,627,516	4,544,704	5,000,000	3,000,000	0	0	0	21,655,237
	102082	NORTH DADE BOOSTER STATION AT NW 183 ST / NW 57 AVE (NP-1) - (CPCS)	15,000,000	0	15,000,000	0	0	0	0	0	0	0	15,000,000	0	0	0	15,000,000
	102086	UPGRADE PS 416 (NP-416E)	8,358,056	0	8,358,056	0	0	0	134,267	267,174	374,821	786,877	5,617,188	1,139,687	38,042	0	8,358,056
	102087	UPGRADE PS 692 (SP-692E)	38,731,434	0	38,731,434	0	1,384,477	2,307,655	3,142,604	4,817,666	5,352,915	5,726,117	5,000,000	3,500,000	7,500,000	0	38,731,434
	102088	UPGRADE PS 1073 (SP-1073E)	15,492,575	0	15,492,575	0	547,144	843,848	1,571,862	3,451,683	2,037,870	40,168	7,000,000	0	0	0	15,492,575
	102121	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	47,112,926	0	47,112,926	1,182,279	1,209,603	1,416,691	2,336,711	3,954,363	4,013,279	5,500,000	5,500,000	5,000,000	17,000,000	0	47,112,926
	102124	UPGRADE TO PS 522 (SP-522E)	7,746,287	0	7,746,287	276,895	461,531	854,804	1,112,145	1,500,000	1,500,000	1,500,000	540,912	0	0	0	7,746,287
	102155	CL-8; 24-INCH CONNECTION IN SW 8TH ST. FROM SW 152ND AVE. TO 177TH AVE.	6,823,317	0	6,823,317	0	0	53,120	56,515	189,631	344,167	4,474,193	1,541,632	164,059	0	0	6,823,317
	102156	DOWNTOWN BOOSTER STATION (CP-1)	38,651,775	0	38,651,775	1,296,220	2,316,253	3,562,626	4,415,430	5,301,467	4,759,779	6,000,000	4,500,000	6,500,000	0	0	38,651,775



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1048	102158	SL-3B TO 48"/54" FM ALONG 137TH AVE FROM SW 136TH ST TO SW 104TH ST	19,970,193	0	19,970,193	363,764	631,981	112,807	508,708	1,449,938	3,719,436	5,350,763	2,806,302	5,026,494	0	0	19,970,193
	102181	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	57,887,212	0	57,887,212	638,085	1,651,644	2,382,422	3,899,862	5,315,199	6,500,000	5,500,000	5,500,000	14,500,000	12,000,000	0	57,887,212
	102189	FM EXT. FROM 36-INCH AT NW 87 AVE / W 76 ST TO 48-INCH IN NW 67 AVE (NL-2)	30,120,530	0	30,120,530	0	0	0	0	233,809	627,157	1,189,561	11,420,560	12,461,000	4,188,443	0	30,120,530
	102190	42-INCH FM FROM PS306 - RED ROAD (NL-1C)	36,068,700	0	36,068,700	0	0	0	0	0	522,374	2,713,346	26,846,531	5,986,449	0	0	36,068,700
	102191	PUMP STATION 0306 (PS-306)	56,551,390	0	56,551,390	0	0	0	0	0	1,509,541	3,107,508	24,872,705	26,223,986	837,650	0	56,551,390
	102199	XL-1 48-INCH LINING FROM PS 300 TO NDWWTP	26,653,312	0	26,653,312	0	0	0	0	0	758,842	487,710	18,236,005	6,906,736	264,019	0	26,653,312
	TOTAL - 1048		1,509,108,773	344,790	1,508,763,983	13,127,211	22,372,199	29,835,570	44,998,655	57,384,589	69,201,219	92,597,245	320,099,789	474,988,890	384,158,616	0	1,508,763,983
	TOTAL - Wastewater		10,591,281,014	544,487,497	10,046,793,518	397,027,790	370,148,106	345,463,147	361,229,484	409,350,260	437,549,358	474,434,639	3,066,855,637	1,516,901,957	2,667,833,135	0	10,046,793,513

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



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future		
1002	101638	NDWWTP - INJECTION WELLS PS UPGRADE	2017S	F	1,889,668	0	1,889,668	0	1,889,668	0	0	0	0	0	0	0	0	0	0	1,889,668
			2018S	F	195,819	0	195,819	0	0	195,819	0	0	0	0	0	0	0	0	0	195,819
			2019S	F	500,000	0	500,000	0	0	0	500,000	0	0	0	0	0	0	0	0	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	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	1,000,000
			2022S	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	358,094	0	358,094	358,094	0	0	0	0	0	0	0	0	0	0	0	358,094
			FUT-S	F	1,400,000	0	1,400,000	0	0	0	0	0	0	0	1,400,000	0	0	0	0	1,400,000
		TOTAL - 101638			7,343,581	0	7,343,581	358,094	1,889,668	195,819	500,000	1,000,000	1,000,000	1,000,000	1,400,000	0	0	0	0	7,343,581
1002	101947	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	2017S	F	1,216,182	0	1,216,182	0	1,216,182	0	0	0	0	0	0	0	0	0	0	1,216,182
			2018S	F	500,120	0	500,120	0	0	500,120	0	0	0	0	0	0	0	0	0	500,120
			2019S	F	1,000,220	0	1,000,220	0	0	0	1,000,220	0	0	0	0	0	0	0	0	1,000,220
			2020S	F	1,500,000	0	1,500,000	0	0	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000
			2021S	F	1,000,000	0	1,000,000	0	0	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000
			2022S	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	840,787	0	840,787	840,787	0	0	0	0	0	0	0	0	0	0	0	840,787
			FUT-S	F	1,900,000	0	1,900,000	0	0	0	0	0	0	0	0	1,900,000	0	0	0	1,900,000
		TOTAL - 101947			8,957,309	0	8,957,309	840,787	1,216,182	500,120	1,000,220	1,500,000	1,000,000	1,000,000	1,900,000	0	0	0	0	8,957,309
1002	102097	CHEMICALLY ENHANCED PRIMARY TREATMENT AT NDWWTP - (CPCS)	FUT-S	F	18,000,000	0	18,000,000	0	0	0	0	0	0	0	18,000,000	0	0	0	0	18,000,000
		TOTAL - 102097			18,000,000	0	18,000,000	0	0	0	0	0	0	0	18,000,000	0	0	0	0	18,000,000

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1002	102147	NDWWTP CONSTRUCTION MANAGEMENT TRAILERS	EW660	A	551,094	6,981	544,114	544,113	0	0	0	0	0	0	0	0	0	0	0	544,113
TOTAL - 102147					551,094	6,981	544,114	544,113	0	0	0	0	0	0	0	0	0	0	0	544,113
1002	102205	2.21.02 SEAWALL PROJECT	2017S	F	216,501	0	216,501	0	216,501	0	0	0	0	0	0	0	0	0	0	216,501
			2018S	F	489,776	0	489,776	0	0	489,776	0	0	0	0	0	0	0	0	0	489,776
			2019S	F	750,000	0	750,000	0	0	0	750,000	0	0	0	0	0	0	0	0	750,000
			2020S	F	1,248,798	0	1,248,798	0	0	0	0	1,248,798	0	0	0	0	0	0	0	1,248,798
			2021S	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
			2022S	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	111,514	0	111,514	111,514	0	0	0	0	0	0	0	0	0	0	0	111,514
			FUT-S	F	750,000	0	750,000	0	0	0	0	0	0	0	750,000	0	0	0	0	750,000
TOTAL - 102205					5,566,589	0	5,566,589	111,514	216,501	489,776	750,000	1,248,798	1,000,000	1,000,000	750,000	0	0	0	0	5,566,589
1002	102206	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	2017S	F	623,925	0	623,925	0	623,925	0	0	0	0	0	0	0	0	0	0	623,925
			2018S	F	572,708	0	572,708	0	0	572,708	0	0	0	0	0	0	0	0	0	572,708
			2019S	F	1,503,732	0	1,503,732	0	0	0	1,503,732	0	0	0	0	0	0	0	0	1,503,732
			2020S	F	1,714,268	0	1,714,268	0	0	0	0	1,714,268	0	0	0	0	0	0	0	1,714,268
			2021S	F	1,600,000	0	1,600,000	0	0	0	0	0	1,600,000	0	0	0	0	0	0	1,600,000
			2022S	F	489,825	0	489,825	0	0	0	0	0	0	489,825	0	0	0	0	0	489,825
			FUT-S	F	2,400,000	0	2,400,000	0	0	0	0	0	0	0	2,400,000	0	0	0	0	2,400,000
TOTAL - 102206					8,904,458	0	8,904,458	0	623,925	572,708	1,503,732	1,714,268	1,600,000	489,825	2,400,000	0	0	0	0	8,904,458



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1002	102207	CD2.27.02 - VPSA WASD FUNDED REQUIRED FOR CD 2.27	FUT-S	F	6,981,358	0	6,981,358	0	0	0	0	0	0	0	6,981,358	0	0	0	0	6,981,358
TOTAL - 102207					6,981,358	0	6,981,358	0	0	0	0	0	0	0	6,981,358	0	0	0	0	6,981,358
1002	102220	NDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING	FUT-S	F	100,000,000	0	100,000,000	0	0	0	0	0	0	0	100,000,000	0	0	0	0	100,000,000
TOTAL - 102220					100,000,000	0	100,000,000	0	0	0	0	0	0	0	100,000,000	0	0	0	0	100,000,000
1002	102221	NDWWTP - COMPLETE REPLACEMENT OF 4160 VOLT AND 480 VOLT SWITCHGEAR AND MCCS. REPLACE OUTDATED INEFFICIENT MAGNETIC DRIVES WITH VFDS NDWWTP	FUT-S	F	18,000,000	0	18,000,000	0	0	0	0	0	0	0	18,000,000	0	0	0	0	18,000,000
TOTAL - 102221					18,000,000	0	18,000,000	0	0	0	0	0	0	0	18,000,000	0	0	0	0	18,000,000
TOTAL - 1002					174,304,389	6,981	174,297,409	1,854,508	3,946,276	1,758,423	3,753,952	5,463,066	4,600,000	3,489,825	149,431,358	0	0	0	0	174,297,408
1003	101656	CDWWTP - SLUDGE HANDLING FACILITY	2017S	F	500,000	0	500,000	0	500,000	0	0	0	0	0	0	0	0	0	0	500,000
			2018S	F	870,000	0	870,000	0	0	870,000	0	0	0	0	0	0	0	0	0	870,000
			2019S	F	1,281,017	0	1,281,017	0	0	0	1,281,017	0	0	0	0	0	0	0	0	1,281,017
			2020S	F	120,000	0	120,000	0	0	0	0	120,000	0	0	0	0	0	0	0	120,000
			EW660	A	208,824	78,824	130,000	130,000	0	0	0	0	0	0	0	0	0	0	0	130,000
TOTAL - 101656					2,979,841	78,824	2,901,017	130,000	500,000	870,000	1,281,017	120,000	0	0	0	0	0	0	0	2,901,017
1003	101838	CDWWTP - 2 EMERGENCY GENERATORS - (CPCS)	FUT-S	F	3,000,000	0	3,000,000	0	0	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000
TOTAL - 101838					3,000,000	0	3,000,000	0	0	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future			
1003	101910	CDWWTP - PLANT PROCESS CONTROLS - (CPCS)	FUT-S	F	1,125,000	0	1,125,000	0	0	0	0	0	0	0	1,125,000	0	0	0	0	1,125,000	
		TOTAL - 101910			1,125,000	0	1,125,000	0	0	0	0	0	0	0	1,125,000	0	0	0	0	1,125,000	
1003	101991	CDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION	2022S	F	985,641	0	985,641	0	0	0	0	0	0	985,641	0	0	0	0	0	985,641	
			FUTFS	F	7,514,359	0	7,514,359	0	0	0	0	0	0	2,385,028	5,129,331	0	0	0	0	7,514,359	
		TOTAL - 101991			8,500,000	0	8,500,000	0	0	0	0	0	0	985,641	2,385,028	5,129,331	0	0	0	8,500,000	
1003	102132	CDWWTP SUBSTATION 19 AND 20 EMERGENCY REPLACEMENT OF ABB SWITCHGEAR	EW658	A	1,638,163	1,638,163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	1,682,840	1,830	1,681,010	1,681,010	0	0	0	0	0	0	0	0	0	0	0	0	1,681,010
		TOTAL - 102132			3,321,003	1,639,993	1,681,010	1,681,010	0	0	0	0	0	0	0	0	0	0	0	1,681,010	
1003	102146	CDWWTP - CONSTRUCTION MANAGEMENT TRAILERS	2017S	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
			EW660	A	544,789	10,039	534,750	534,750	0	0	0	0	0	0	0	0	0	0	0	0	534,750
		TOTAL - 102146			1,544,789	10,039	1,534,750	534,750	1,000,000	0	0	0	0	0	0	0	0	0	0	1,534,750	
1003	102183	CDWWTP FOG RECOVERY STATION	2017S	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
			2018S	F	2,000,000	0	2,000,000	0	0	2,000,000	0	0	0	0	0	0	0	0	0	0	2,000,000
			2019S	F	4,000,000	0	4,000,000	0	0	0	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000
			2020S	F	3,000,000	0	3,000,000	0	0	0	0	3,000,000	0	0	0	0	0	0	0	0	3,000,000
			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
		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	0	11,000,000	



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
1003	102222	CDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING	FUT-S	F	100,000,000	0	100,000,000	0	0	0	0	0	0	0	100,000,000	0	0	0	100,000,000
TOTAL - 102222					100,000,000	0	100,000,000	0	0	0	0	0	0	0	100,000,000	0	0	0	100,000,000
1003	102223	CDWWTP - STORM HARDENING OF NEW HYPOCHLORITE BUILDING. MWH PLANS ALREADY AT 90% READY FOR PERMITTING	FUT-S	F	4,000,000	0	4,000,000	0	0	0	0	0	0	0	4,000,000	0	0	0	4,000,000
TOTAL - 102223					4,000,000	0	4,000,000	0	0	0	0	0	0	0	4,000,000	0	0	0	4,000,000
1003	102224	CDWWTP - ENCLOSE AND STORM HARDEN OUTDOOR ELECTRICAL SUBSTATIONS 19 AND 20, 19A AND 20A	FUT-S	F	500,000	0	500,000	0	0	0	0	0	0	0	500,000	0	0	0	500,000
TOTAL - 102224					500,000	0	500,000	0	0	0	0	0	0	0	500,000	0	0	0	500,000
TOTAL - 1003					135,970,633	1,728,856	134,241,777	2,345,760	2,500,000	2,870,000	5,281,017	3,120,000	1,000,000	985,641	111,010,028	5,129,331	0	0	134,241,777
1006	101717	SDWWTP - ENGINEERING SERVICES / OR UPGRADES, AND REHABILITATION OF THE PLANT AND ITS APPURTENANT FACILITIES	2017S	F	578,843	0	578,843	0	578,843	0	0	0	0	0	0	0	0	0	578,843
TOTAL - 101717					578,843	0	578,843	0	578,843	0	0	0	0	0	0	0	0	0	578,843
1006	101768	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	2017S	F	700,000	0	700,000	0	700,000	0	0	0	0	0	0	0	0	0	700,000
			2018S	F	1,000,000	0	1,000,000	0	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000
			2019S	F	2,000,000	0	2,000,000	0	0	0	2,000,000	0	0	0	0	0	0	0	2,000,000
			2020S	F	2,000,405	0	2,000,405	0	0	0	0	2,000,405	0	0	0	0	0	0	2,000,405
			2021S	F	2,000,862	0	2,000,862	0	0	0	0	0	2,000,862	0	0	0	0	0	2,000,862

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1006	101768	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	2022S	F	3,500,000	0	3,500,000	0	0	0	0	0	0	3,500,000	0	0	0	0	0	3,500,000
			FUT-S	F	18,800,000	0	18,800,000	0	0	0	0	0	0	0	15,500,000	3,300,000	0	0	0	18,800,000
		TOTAL - 101768			30,001,267	0	30,001,267	0	700,000	1,000,000	2,000,000	2,000,405	2,000,862	3,500,000	15,500,000	3,300,000	0	0	0	30,001,267
1006	101769	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - HOMESTEAD EAST - (CPCS)	FUT-S	F	6,655,875	0	6,655,875	0	0	0	0	0	0	0	6,655,875	0	0	0	0	6,655,875
		TOTAL - 101769			6,655,875	0	6,655,875	0	0	0	0	0	0	0	6,655,875	0	0	0	0	6,655,875
1006	102102	SDWWTP FA MONITORING WELL REPLACEMENT	2017S	F	74,254	0	74,254	0	74,254	0	0	0	0	0	0	0	0	0	0	74,254
			2018S	F	545,325	0	545,325	0	0	545,325	0	0	0	0	0	0	0	0	0	545,325
			2019S	F	1,678,921	0	1,678,921	0	0	0	1,678,921	0	0	0	0	0	0	0	0	1,678,921
			2020S	F	16,894	0	16,894	0	0	0	0	16,894	0	0	0	0	0	0	0	16,894
			2021S	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
			2022S	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
			FUT-S	F	1,000,000	0	1,000,000	0	0	0	0	0	0	0	1,000,000	0	0	0	0	1,000,000
		TOTAL - 102102			5,315,394	0	5,315,394	0	74,254	545,325	1,678,921	16,894	1,000,000	1,000,000	1,000,000	0	0	0	0	5,315,394
		TOTAL - 1006			42,551,379	0	42,551,379	0	1,353,097	1,545,325	3,678,921	2,017,299	3,000,862	4,500,000	23,155,875	3,300,000	0	0	0	42,551,379
1007	101650	SDWWTP - INSTALLATION OF CO-GEN UNITS 4 & 5	EW646	A	18,466,219	18,466,219	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	8,599,391	8,599,391	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	7,683,534	44,630	7,638,904	7,638,904	0	0	0	0	0	0	0	0	0	0	0	7,638,904
		TOTAL - 101650			34,749,144	27,110,240	7,638,904	7,638,904	0	0	0	0	0	0	0	0	0	0	0	7,638,904



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS													
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1007	101993	SDWWTP CENTRATE TREATMENT PROCESS - (CPCS)	FUTFS	F	23,284,397	0	23,284,397	0	0	0	0	0	0	0	0	1,050,000	22,234,397	0	0	23,284,397	
		TOTAL - 101993			23,284,397	0	23,284,397	0	0	0	0	0	0	0	0	1,050,000	22,234,397	0	0	23,284,397	
1007	101994	SDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION - 8870	FUTFS	F	7,500,000	0	7,500,000	0	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	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 - (CPCS)	FUTFS	F	21,677,688	0	21,677,688	0	0	0	0	0	0	0	0	700,000	16,947,688	4,030,000	0	21,677,688	
		TOTAL - 101995			21,677,688	0	21,677,688	0	0	0	0	0	0	0	0	700,000	16,947,688	4,030,000	0	21,677,688	
1007	102184	SDWWTP FOG RECOVERY STATION	2017S	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	
			2018S	F	1,500,000	0	1,500,000	0	0	1,500,000	0	0	0	0	0	0	0	0	0	0	1,500,000
			2019S	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
			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
			2022S	F	1,000,000	0	1,000,000	0	0	0	0	0	0	1,000,000	0	0	0	0	0	0	1,000,000
			FUT-S	F	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0	2,000,000	0	0	0	2,000,000	
		TOTAL - 102184			11,000,000	0	11,000,000	0	1,000,000	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	2,000,000	0	0	0	0	11,000,000	
1007	102214	SDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING #1	FUT-S	F	100,000,000	0	100,000,000	0	0	0	0	0	0	0	0	100,000,000	0	0	0	100,000,000	
		TOTAL - 102214			100,000,000	0	100,000,000	0	0	0	0	0	0	0	0	100,000,000	0	0	0	100,000,000	



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1007	102215	SDWWTP - REPLACEMENT 489 VOLT SUBSTATION / MCC OXYGEN PLANT 1 & 2	FUT-S	F	10,000,000	0	10,000,000	0	0	0	0	0	0	0	10,000,000	0	0	0	0	10,000,000
TOTAL - 102215					10,000,000	0	10,000,000	0	0	0	0	0	0	0	10,000,000	0	0	0	0	10,000,000
1007	102216	SDWWTP - EMERGENCY GENERATOR #8 SWITCHGEAR BUILDING #2	FUT-S	F	5,000,000	0	5,000,000	0	0	0	0	0	0	0	5,000,000	0	0	0	0	5,000,000
TOTAL - 102216					5,000,000	0	5,000,000	0	0	0	0	0	0	0	5,000,000	0	0	0	0	5,000,000
1007	102217	SDWWTP - UPGRADE EMERGENCY GENERATORS TO DUAL FUEL NG / DIESEL IN SWITCHGEAR BUILDING #2 UNIT 1-7	FUT-S	F	4,200,000	0	4,200,000	0	0	0	0	0	0	0	4,200,000	0	0	0	0	4,200,000
TOTAL - 102217					4,200,000	0	4,200,000	0	0	0	0	0	0	0	4,200,000	0	0	0	0	4,200,000
1007	102218	SDWWTP - RECONFIGURE 13,200 VOLT DUAL FEEDER SYSTEM TO SUBSTATION 33 AND 34, 31 AND 32, 31A AND 32A, 21 AND 22, 27AND 28, 23 AND 24, 25 AND 26	FUT-S	F	5,000,000	0	5,000,000	0	0	0	0	0	0	0	5,000,000	0	0	0	0	5,000,000
TOTAL - 102218					5,000,000	0	5,000,000	0	0	0	0	0	0	0	5,000,000	0	0	0	0	5,000,000
1007	102219	SDWWTP - PROVIDE REDUNDANT FEEDERS TO NEW O2 COMPRESSORS 3 AND 4 FROM SWITCHGEAR BUILDING #2	FUT-S	F	1,000,000	0	1,000,000	0	0	0	0	0	0	0	1,000,000	0	0	0	0	1,000,000
TOTAL - 102219					1,000,000	0	1,000,000	0	0	0	0	0	0	0	1,000,000	0	0	0	0	1,000,000
TOTAL - 1007					223,411,229	27,110,240	196,300,989	7,638,904	1,000,000	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	130,006,765	41,595,320	8,060,000	0	0	196,300,989
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	211,613	0	0	0	0	0	0	0	0	0	0	211,613



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future		
1008	101924	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	2018S	F	268,986	0	268,986	0	0	268,986	0	0	0	0	0	0	0	0	0	268,986
			2019S	F	582,338	0	582,338	0	0	0	582,338	0	0	0	0	0	0	0	0	582,338
			2020S	F	1,987,087	0	1,987,087	0	0	0	0	1,987,087	0	0	0	0	0	0	0	1,987,087
			2021S	F	2,749,976	0	2,749,976	0	0	0	0	2,749,976	0	0	0	0	0	0	0	2,749,976
			2022S	F	3,200,000	0	3,200,000	0	0	0	0	0	3,200,000	0	0	0	0	0	0	3,200,000
			FUT-S	F	6,000,000	0	6,000,000	0	0	0	0	0	0	6,000,000	0	0	0	0	6,000,000	
		TOTAL - 101924			15,000,000	0	15,000,000	0	211,613	268,986	582,338	1,987,087	2,749,976	3,200,000	6,000,000	0	0	0	0	15,000,000
1008	101985	WASTEWATER FORCE MAINS UPGRADES	2017S	F	387,500	0	387,500	0	387,500	0	0	0	0	0	0	0	0	0	0	387,500
			2018S	F	1,162,500	0	1,162,500	0	0	1,162,500	0	0	0	0	0	0	0	0	0	1,162,500
			2019S	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
			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
			2021S	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
			2022S	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
			FUTFS	F	24,450,000	0	24,450,000	0	0	0	0	0	0	0	24,450,000	0	0	0	0	24,450,000
		TOTAL - 101985			30,000,000	0	30,000,000	0	387,500	1,162,500	1,000,000	1,000,000	1,000,000	1,000,000	24,450,000	0	0	0	0	30,000,000
1008	101986	18 INCH DIP FM FROM ISLAND DRIVE - (CPCS)	FUT-S	F	4,673,914	0	4,673,914	0	0	0	0	0	0	0	4,673,914	0	0	0	0	4,673,914
		TOTAL - 101986			4,673,914	0	4,673,914	0	0	0	0	0	0	0	4,673,914	0	0	0	0	4,673,914
1008	102036	6" FM FROM PS 316 TO MH 126 ON COLLINS AVE	EW658	A	267,553	267,553	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1008	102036	6" FM FROM PS 316 TO MH 126 ON COLLINS AVE	EW660	A	17,219	0	17,219	17,219	0	0	0	0	0	0	0	0	0	0	0	17,219
		TOTAL - 102036			284,772	267,553	17,219	17,219	0	0	0	0	0	0	0	0	0	0	0	17,219
1008	102042	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	2017S	F	138,630	0	138,630	0	138,630	0	0	0	0	0	0	0	0	0	0	138,630
			2018S	F	1,068,519	0	1,068,519	0	0	1,068,519	0	0	0	0	0	0	0	0	0	1,068,519
			2019S	F	2,781,090	0	2,781,090	0	0	0	2,781,090	0	0	0	0	0	0	0	0	2,781,090
			2020S	F	4,695,844	0	4,695,844	0	0	0	0	4,695,844	0	0	0	0	0	0	0	4,695,844
			2021S	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
			2022S	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
			FUT-S	F	3,000,000	0	3,000,000	0	0	0	0	0	0	0	3,000,000	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	0	16,500,000
1008	102043	DORAL BASIN UPGRADE - P.S. 14 UPGRADE - COUNTY SHARE	2017S	F	385,584	0	385,584	0	385,584	0	0	0	0	0	0	0	0	0	0	385,584
		TOTAL - 102043			385,584	0	385,584	0	385,584	0	0	0	0	0	0	0	0	0	0	385,584
1008	102065	24-INCH FORCE MAIN EXTENSION IN NW 167 ST FROM NW 58 AVE TO NW 49 AVE THEN SOUTH TO NW 156 ST - (CPCS)	FUT-S	F	6,120,000	0	6,120,000	0	0	0	0	0	0	0	6,120,000	0	0	0	0	6,120,000
		TOTAL - 102065			6,120,000	0	6,120,000	0	0	0	0	0	0	0	6,120,000	0	0	0	0	6,120,000
1008	102153	60-INCH WEST MIAMI-DADE FORCE MAIN - NORTH - (CPCS)	FUTFS	F	28,307,403	0	28,307,403	0	0	0	0	0	0	0	12,191,101	16,116,302	0	0	0	28,307,403
		TOTAL - 102153			28,307,403	0	28,307,403	0	0	0	0	0	0	0	12,191,101	16,116,302	0	0	0	28,307,403



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1008	102154	60-INCH WEST MIAMI-DADE FORCE MAIN - SOUTH - (CPCS)	FUTFS	F	311,757,772	0	311,757,772	0	0	0	0	0	0	0	9,143,163	12,087,011	290,527,598	0	311,757,772	
TOTAL - 102154					311,757,772	0	311,757,772	0	0	0	0	0	0	0	9,143,163	12,087,011	290,527,598	0	311,757,772	
1008	102201	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	2018S	F	150,000	0	150,000	0	0	150,000	0	0	0	0	0	0	0	0	0	150,000
			2019S	F	550,000	0	550,000	0	0	0	550,000	0	0	0	0	0	0	0	0	550,000
			2020S	F	950,000	0	950,000	0	0	0	0	950,000	0	0	0	0	0	0	0	950,000
			2021S	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
			2022S	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
			FUT-S	F	11,850,000	0	11,850,000	0	0	0	0	0	0	0	11,850,000	0	0	0	0	11,850,000
TOTAL - 102201					16,000,000	0	16,000,000	0	0	150,000	550,000	950,000	1,000,000	1,500,000	11,850,000	0	0	0	0	16,000,000
1008	102202	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	2018S	F	150,000	0	150,000	0	0	150,000	0	0	0	0	0	0	0	0	0	150,000
			2019S	F	350,000	0	350,000	0	0	0	350,000	0	0	0	0	0	0	0	0	350,000
			2020S	F	750,000	0	750,000	0	0	0	0	750,000	0	0	0	0	0	0	0	750,000
			2021S	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
			2022S	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
			FUT-S	F	3,250,000	0	3,250,000	0	0	0	0	0	0	0	3,250,000	0	0	0	0	3,250,000
TOTAL - 102202					7,000,000	0	7,000,000	0	0	150,000	350,000	750,000	1,000,000	1,500,000	3,250,000	0	0	0	0	7,000,000
1008	102211	CD4.10.04 OPA LOCKA AIRPORT CONCESSIONS	2017S	F	351,057	0	351,057	0	351,057	0	0	0	0	0	0	0	0	0	0	351,057
			2018S	F	113,168	0	113,168	0	0	113,168	0	0	0	0	0	0	0	0	0	113,168



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1008	102211	CD4.10.04 OPA LOCKA AIRPORT CONCESSIONS	2019S	F	514,259	0	514,259	0	0	0	514,259	0	0	0	0	0	0	0	0	0	514,259
			2020S	F	395,951	0	395,951	0	0	0	0	395,951	0	0	0	0	0	0	0	0	395,951
			2021S	F	800,000	0	800,000	0	0	0	0	0	800,000	0	0	0	0	0	0	0	800,000
			2022S	F	800,000	0	800,000	0	0	0	0	0	0	800,000	0	0	0	0	0	0	800,000
			EW660	A	54,755	0	54,755	54,755	0	0	0	0	0	0	0	0	0	0	0	0	54,755
		TOTAL - 102211			3,029,190	0	3,029,190	54,755	351,057	113,168	514,259	395,951	800,000	800,000	0	0	0	0	0	0	3,029,190
1008	102212	CD5.09.02 - PHASE II & III REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#301	2017S	F	221,521	0	221,521	0	221,521	0	0	0	0	0	0	0	0	0	0	0	221,521
			2018S	F	314,694	0	314,694	0	0	314,694	0	0	0	0	0	0	0	0	0	0	314,694
			2019S	F	521,521	0	521,521	0	0	0	521,521	0	0	0	0	0	0	0	0	0	521,521
			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	1,750,000	0	1,750,000	0	0	0	0	0	1,750,000	0	0	0	0	0	0	0	1,750,000
			2022S	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
			FUT-S	F	1,600,000	0	1,600,000	0	0	0	0	0	0	0	1,600,000	0	0	0	0	0	1,600,000
		TOTAL - 102212			7,907,736	0	7,907,736	0	221,521	314,694	521,521	1,500,000	1,750,000	2,000,000	1,600,000	0	0	0	0	0	7,907,736
1008	102213	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	2018S	F	252,708	0	252,708	0	0	252,708	0	0	0	0	0	0	0	0	0	0	252,708
			2019S	F	765,869	0	765,869	0	0	0	765,869	0	0	0	0	0	0	0	0	0	765,869
			2020S	F	1,268,000	0	1,268,000	0	0	0	0	1,268,000	0	0	0	0	0	0	0	0	1,268,000
			2021S	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
			2022S	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

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1008	102213	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	FUT-S	F	19,657,121	0	19,657,121	0	0	0	0	0	0	0	19,657,121	0	0	0	0	19,657,121
		TOTAL - 102213			25,193,698	0	25,193,698	0	0	252,708	765,869	1,268,000	1,500,000	1,750,000	19,657,121	0	0	0	0	25,193,698
1008	102225	PS #1 (4ST.) REPLACE ELECTRICAL SWITCHGEAR AND MCCS	FUT-S	F	1,500,000	0	1,500,000	0	0	0	0	0	0	0	1,500,000	0	0	0	0	1,500,000
		TOTAL - 102225			1,500,000	0	1,500,000	0	0	0	0	0	0	0	1,500,000	0	0	0	0	1,500,000
1008	102226	PS #3 RECONFIGURE ELECTRICAL SYSTEM TO ACCEPT 2000KW 4160 VOLT PORTABLE GENERATOR	FUT-S	F	1,300,000	0	1,300,000	0	0	0	0	0	0	0	1,300,000	0	0	0	0	1,300,000
		TOTAL - 102226			1,300,000	0	1,300,000	0	0	0	0	0	0	0	1,300,000	0	0	0	0	1,300,000
		TOTAL - 1008			474,960,069	267,553	474,692,516	71,974	1,695,905	3,480,575	7,065,077	12,546,882	13,615,893	12,750,000	104,735,299	28,203,313	290,527,598	0	0	474,692,516
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	1,298,988	1,298,988	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	803,526	0	803,526	803,526	0	0	0	0	0	0	0	0	0	0	0	803,526
		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 - (CPCS)	FUTFS	F	828,000	0	828,000	0	0	0	0	0	0	0	828,000	0	0	0	0	828,000
		TOTAL - 101996			828,000	0	828,000	0	0	0	0	0	0	0	828,000	0	0	0	0	828,000
1009	102045	P.S. 2 BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	2017S	F	1,211,143	0	1,211,143	0	1,211,143	0	0	0	0	0	0	0	0	0	0	1,211,143
			2018S	F	2,588,910	0	2,588,910	0	0	2,588,910	0	0	0	0	0	0	0	0	0	2,588,910
			2019S	F	2,278,953	0	2,278,953	0	0	0	2,278,953	0	0	0	0	0	0	0	0	2,278,953
			2020S	F	901,622	0	901,622	0	0	0	0	901,622	0	0	0	0	0	0	0	901,622

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1009	102045	P.S. 2 BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	EW623	A	168,227	168,227	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	394,788	0	394,788	394,788	0	0	0	0	0	0	0	0	0	0	0	0	394,788
		TOTAL - 102045			7,543,643	168,227	7,375,416	394,788	1,211,143	2,588,910	2,278,953	901,622	0	0	0	0	0	0	0	0	7,375,416
1009	102046	P.S. 2 BASIN UPGRADE - P.S. 2 UPGRADE	EW623	A	2,808,197	2,808,197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	491,802	0	491,802	491,802	0	0	0	0	0	0	0	0	0	0	0	0	491,802
		TOTAL - 102046			3,299,999	2,808,197	491,802	491,802	0	0	0	0	0	0	0	0	0	0	0	0	491,802
1009	102200	BISCAYNE BASIN PROJECTS RELATED TO CL-1	2017S	F	1,137,200	0	1,137,200	0	1,137,200	0	0	0	0	0	0	0	0	0	0	0	1,137,200
			2018S	F	2,600,000	0	2,600,000	0	0	2,600,000	0	0	0	0	0	0	0	0	0	0	2,600,000
			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	4,500,000	0	4,500,000	0	0	0	0	4,500,000	0	0	0	0	0	0	0	0	4,500,000
			2021S	F	4,816,370	0	4,816,370	0	0	0	0	0	4,816,370	0	0	0	0	0	0	0	4,816,370
			2022S	F	5,500,000	0	5,500,000	0	0	0	0	0	0	5,500,000	0	0	0	0	0	0	5,500,000
			EW658	A	1,825,872	1,825,872	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	787,991	287,991	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0	0	500,000
			FUT-S	F	4,000,001	0	4,000,001	0	0	0	0	0	0	0	0	4,000,001	0	0	0	0	4,000,001
		TOTAL - 102200			28,667,434	2,113,862	26,553,572	500,000	1,137,200	2,600,000	3,500,000	4,500,000	4,816,370	5,500,000	4,000,001	0	0	0	0	0	26,553,571
		TOTAL - 1009			45,289,076	9,236,761	36,052,315	2,190,116	2,348,343	5,188,910	5,778,953	5,401,622	4,816,370	5,500,000	4,828,001	0	0	0	0	0	36,052,315
1010	102035	6" FM FROM PS 1071 TO MH 7 SOUTH OF SW 186 ST ON 108 AVE	2017S	F	9,423	0	9,423	0	9,423	0	0	0	0	0	0	0	0	0	0	0	9,423
			EW658	A	156,875	156,875	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1010	102035	6" FM FROM PS 1071 TO MH 7 SOUTH OF SW 186 ST ON 108 AVE	EW660	A	1,250,736	2,153	1,248,583	1,248,583	0	0	0	0	0	0	0	0	0	0	0	0	1,248,583
TOTAL - 102035					1,417,034	159,028	1,258,006	1,248,583	9,423	0	0	0	0	0	0	0	0	0	0	0	1,258,006
1010	102037	FURNISH AND INSTALL OF 8-INCH D.I. FM ALONG SW 216 ST. FROM SW 98 CT. TO SW 99 AVE.	EW660	A	68,091	47,593	20,498	20,498	0	0	0	0	0	0	0	0	0	0	0	0	20,498
TOTAL - 102037					68,091	47,593	20,498	20,498	0	0	0	0	0	0	0	0	0	0	0	0	20,498
1010	102050	UPGRADE 4" FM FROM PS 733 ON US1	2017S	F	105,570	0	105,570	0	105,570	0	0	0	0	0	0	0	0	0	0	0	105,570
			EW658	A	84,954	84,954	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	48,609	47,140	1,469	1,469	0	0	0	0	0	0	0	0	0	0	0	0	1,469
TOTAL - 102050					239,133	132,094	107,039	1,469	105,570	0	0	0	0	0	0	0	0	0	0	0	107,039
1010	102051	UPGRADE 6" FM AT SW 160 ST AND 92 AVE - (CPCS)	FUT-S	F	1,400,000	0	1,400,000	0	0	0	0	0	0	0	1,400,000	0	0	0	0	0	1,400,000
TOTAL - 102051					1,400,000	0	1,400,000	0	0	0	0	0	0	0	1,400,000	0	0	0	0	0	1,400,000
1010	102208	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	2017S	F	1,132,669	0	1,132,669	0	1,132,669	0	0	0	0	0	0	0	0	0	0	0	1,132,669
			2018S	F	1,500,000	0	1,500,000	0	0	1,500,000	0	0	0	0	0	0	0	0	0	0	1,500,000
			2019S	F	1,937,678	0	1,937,678	0	0	0	1,937,678	0	0	0	0	0	0	0	0	0	1,937,678
			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	3,500,000	0	3,500,000	0	0	0	0	0	3,500,000	0	0	0	0	0	0	0	3,500,000
			2022S	F	4,500,000	0	4,500,000	0	0	0	0	0	0	4,500,000	0	0	0	0	0	0	4,500,000
			EW660	A	574,461	0	574,461	574,461	0	0	0	0	0	0	0	0	0	0	0	0	574,461



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1010	102208	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	FUT-S	F	4,875,880	0	4,875,880	0	0	0	0	0	0	0	4,875,880	0	0	0	0	4,875,880
TOTAL - 102208					20,520,688	0	20,520,688	574,461	1,132,669	1,500,000	1,937,678	2,500,000	3,500,000	4,500,000	4,875,880	0	0	0	0	20,520,688
1010	102209	CD4.08.02 - REHABILITATION OF 54 INCH PCCP FM IN THE CITY PHASE 2	2017S	F	1,200,000	0	1,200,000	0	1,200,000	0	0	0	0	0	0	0	0	0	0	1,200,000
			2018S	F	1,500,000	0	1,500,000	0	0	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
			2019S	F	1,750,000	0	1,750,000	0	0	0	1,750,000	0	0	0	0	0	0	0	0	1,750,000
			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
			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
			2022S	F	620,573	0	620,573	0	0	0	0	0	0	620,573	0	0	0	0	0	620,573
			EW660	A	750,000	0	750,000	750,000	0	0	0	0	0	0	0	0	0	0	0	750,000
TOTAL - 102209					10,320,573	0	10,320,573	750,000	1,200,000	1,500,000	1,750,000	2,000,000	2,500,000	620,573	0	0	0	0	0	10,320,573
TOTAL - 1010					33,965,519	338,715	33,626,804	2,595,011	2,447,662	3,000,000	3,687,678	4,500,000	6,000,000	5,120,573	6,275,880	0	0	0	0	33,626,804
1011	100050	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	2017S	F	1,258,452	0	1,258,452	0	1,258,452	0	0	0	0	0	0	0	0	0	0	1,258,452
			2018S	F	1,050,000	0	1,050,000	0	0	1,050,000	0	0	0	0	0	0	0	0	0	1,050,000
			2019S	F	650,000	0	650,000	0	0	0	650,000	0	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
			EW660	A	4,545,895	202,397	4,343,498	4,343,498	0	0	0	0	0	0	0	0	0	0	0	4,343,498
TOTAL - 100050					8,078,459	202,397	7,876,062	4,343,498	1,258,452	1,050,000	650,000	350,000	224,112	0	0	0	0	0	0	7,876,062



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future			
1011	100889	REHABILITATION OF SEWER MAINS DUE TO I/I - DIG AND REPLACE	EW621	A	9,348,666	9,348,666	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW646	A	3,991,282	3,622,398	368,884	368,884	0	0	0	0	0	0	0	0	0	0	0	0	368,884
			EW658	A	1,161,510	833,972	327,538	327,538	0	0	0	0	0	0	0	0	0	0	0	0	327,538
			EW660	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 100889			14,501,458	13,805,036	696,422	696,422	0	0	0	0	0	0	0	0	0	0	0	0	696,422
1011	100890	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	2017S	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
			2018S	F	3,500,000	0	3,500,000	0	0	3,500,000	0	0	0	0	0	0	0	0	0	0	3,500,000
			2019S	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
			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	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
			2022S	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
		TOTAL - 100890			12,500,000	0	12,500,000	0	1,000,000	3,500,000	3,000,000	3,000,000	1,000,000	1,000,000	0	0	0	0	0	0	12,500,000
1011	101807	REHAB OF ALL JUNCTION CHAMBERS AND ASSOCIATED LINES - (CPCS)	FUT-S	F	500,000	0	500,000	0	0	0	0	0	0	0	500,000	0	0	0	0	0	500,000
		TOTAL - 101807			500,000	0	500,000	0	0	0	0	0	0	0	500,000	0	0	0	0	0	500,000
		TOTAL - 1011			35,579,917	14,007,433	21,572,484	5,039,920	2,258,452	4,550,000	3,650,000	3,350,000	1,224,112	1,000,000	500,000	0	0	0	0	0	21,572,484
1012	100055	SPECIAL CONSTRUCTION - SANITARY SEWER IMPROVEMENTS	EW624	A	28,219,293	6,393,294	21,825,999	2,500,000	1,734,490	2,500,000	2,500,000	2,500,000	2,500,000	7,591,509	0	0	0	0	0	0	21,825,999
		TOTAL - 100055			28,219,293	6,393,294	21,825,999	2,500,000	1,734,490	2,500,000	2,500,000	2,500,000	7,591,509	0	0	0	0	0	0	0	21,825,999
		TOTAL - 1012			28,219,293	6,393,294	21,825,999	2,500,000	1,734,490	2,500,000	2,500,000	2,500,000	7,591,509	0	0	0	0	0	0	0	21,825,999

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future				
1013	101108	MIAMI SERVICE FACILITY - PHASE 2	2017S	F	1,157,478	0	1,157,478	0	1,157,478	0	0	0	0	0	0	0	0	0	0	0	1,157,478	
			2018S	F	2,011,177	0	2,011,177	0	0	2,011,177	0	0	0	0	0	0	0	0	0	0	2,011,177	
			2019S	F	3,017,882	0	3,017,882	0	0	0	3,017,882	0	0	0	0	0	0	0	0	0	3,017,882	
			2020S	F	4,172,754	0	4,172,754	0	0	0	0	4,172,754	0	0	0	0	0	0	0	0	4,172,754	
			2021S	F	4,013,832	0	4,013,832	0	0	0	0	0	4,013,832	0	0	0	0	0	0	0	4,013,832	
			2022S	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	164,790	164,790	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			FUT-S	F	6,000,000	0	6,000,000	0	0	0	0	0	0	0	6,000,000	0	0	0	0	0	6,000,000	
		TOTAL - 101108			21,537,913	164,790	21,373,123	0	1,157,478	2,011,177	3,017,882	4,172,754	4,013,832	1,000,000	6,000,000	0	0	0	0	0	21,373,123	
1013	101461	NORTH MAINTENANCE CENTER	2020S	F	100,000	0	100,000	0	0	0	0	100,000	0	0	0	0	0	0	0	0	100,000	
			2021S	F	400,000	0	400,000	0	0	0	0	0	400,000	0	0	0	0	0	0	0	400,000	
			2022S	F	2,174,912	0	2,174,912	0	0	0	0	0	0	2,174,912	0	0	0	0	0	0	2,174,912	
			FUT-S	F	9,500,000	0	9,500,000	0	0	0	0	0	0	0	3,500,000	4,500,000	1,500,000	0	0	0	9,500,000	
		TOTAL - 101461			12,174,912	0	12,174,912	0	0	0	0	100,000	400,000	2,174,912	3,500,000	4,500,000	1,500,000	0	0	0	12,174,912	
1013	101506	SOUTH MAINTENANCE CENTER	2017S	F	2,555,692	0	2,555,692	0	2,555,692	0	0	0	0	0	0	0	0	0	0	0	2,555,692	
			2018S	F	1,365,175	0	1,365,175	0	0	1,365,175	0	0	0	0	0	0	0	0	0	0	0	1,365,175
			2019S	F	2,500,000	0	2,500,000	0	0	0	2,500,000	0	0	0	0	0	0	0	0	0	2,500,000	
			2020S	F	2,000,001	0	2,000,001	0	0	0	0	2,000,001	0	0	0	0	0	0	0	0	2,000,001	
			2021S	F	3,500,000	0	3,500,000	0	0	0	0	0	3,500,000	0	0	0	0	0	0	0	3,500,000	
			2022S	F	2,500,000	0	2,500,000	0	0	0	0	0	0	2,500,000	0	0	0	0	0	0	2,500,000	



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS													
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1013	101506	SOUTH MAINTENANCE CENTER	EW658	A	32,010	32,010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	768,785	2,533	766,252	766,252	0	0	0	0	0	0	0	0	0	0	0	0	766,252
			FUT-S	F	8,500,000	0	8,500,000	0	0	0	0	0	0	8,500,000	0	0	0	0	0	0	8,500,000
		TOTAL - 101506			23,721,663	34,542	23,687,121	766,252	2,555,692	1,365,175	2,500,000	2,000,001	3,500,000	2,500,000	8,500,000	0	0	0	0	23,687,120	
1013	101653	11TH STREET DISTRIBUTION FACILITY RENOVATION	2020S	F	388,510	0	388,510	0	0	0	0	388,510	0	0	0	0	0	0	0	0	388,510
			2021S	F	1,211,000	0	1,211,000	0	0	0	0	1,211,000	0	0	0	0	0	0	0	0	1,211,000
			2022S	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
			FUT-S	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
		TOTAL - 101653			3,599,510	0	3,599,510	0	0	0	0	388,510	1,211,000	1,000,000	1,000,000	0	0	0	0	3,599,510	
1013	101654	WESTWOOD LAKES FACILITY ELEVATOR RENOVATION	2020S	F	100,000	0	100,000	0	0	0	0	100,000	0	0	0	0	0	0	0	0	100,000
			2021S	F	600,000	0	600,000	0	0	0	0	600,000	0	0	0	0	0	0	0	0	600,000
			2022S	F	800,000	0	800,000	0	0	0	0	0	800,000	0	0	0	0	0	0	0	800,000
		TOTAL - 101654			1,500,000	0	1,500,000	0	0	0	100,000	600,000	800,000	0	0	0	0	0	0	1,500,000	
1013	101886	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	2017S	F	1,156,206	0	1,156,206	0	1,156,206	0	0	0	0	0	0	0	0	0	0	0	1,156,206
			EW660	A	143,794	0	143,794	143,794	0	0	0	0	0	0	0	0	0	0	0	0	143,794
		TOTAL - 101886			1,300,000	0	1,300,000	143,794	1,156,206	0	0	0	0	0	0	0	0	0	0	0	1,300,000
1013	101887	MEDLEY YARD BUILDING	2017S	F	160,826	0	160,826	0	160,826	0	0	0	0	0	0	0	0	0	0	0	160,826
			EW658	A	38,512	38,512	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,467,113	26,163	1,440,950	1,440,950	0	0	0	0	0	0	0	0	0	0	0	0	1,440,950



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026		Future
		TOTAL - 101887			1,666,451	64,675	1,601,776	1,440,950	160,826	0	0	0	0	0	0	0	0	0	1,601,776
1013	101999	WEST MAINTENANCE CENTER	2021S	F	410,000	0	410,000	0	0	0	0	410,000	0	0	0	0	0	0	410,000
			2022S	F	3,000,000	0	3,000,000	0	0	0	0	0	3,000,000	0	0	0	0	0	3,000,000
			FUT-S	F	37,590,000	0	37,590,000	0	0	0	0	0	0	18,997,889	18,592,111	0	0	0	37,590,000
		TOTAL - 101999			41,000,000	0	41,000,000	0	0	0	0	410,000	3,000,000	18,997,889	18,592,111	0	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	1,141,486	0	0	0	0	0	0	1,141,486
			2022S	F	2,358,514	0	2,358,514	0	0	0	0	0	2,358,514	0	0	0	0	0	2,358,514
		TOTAL - 102000			3,500,000	0	3,500,000	0	0	0	0	1,141,486	2,358,514	0	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	916,979	0	0	0	0	0	0	916,979
			2022S	F	1,975,521	0	1,975,521	0	0	0	0	0	1,975,521	0	0	0	0	0	1,975,521
			FUT-S	F	2,107,500	0	2,107,500	0	0	0	0	0	0	2,107,500	0	0	0	0	2,107,500
		TOTAL - 102001			5,000,000	0	5,000,000	0	0	0	0	916,979	1,975,521	2,107,500	0	0	0	0	5,000,000
1013	102030	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS - (CPCS)	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
1013	102052	MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION	2017S	F	200,000	0	200,000	0	200,000	0	0	0	0	0	0	0	0	0	200,000
			2018S	F	500,000	0	500,000	0	0	500,000	0	0	0	0	0	0	0	0	500,000
			2019S	F	800,000	0	800,000	0	0	0	800,000	0	0	0	0	0	0	0	800,000
			2020S	F	600,000	0	600,000	0	0	0	0	600,000	0	0	0	0	0	0	600,000



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1013	102052	MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION	EW660	A	150,000	0	150,000	150,000	0	0	0	0	0	0	0	0	0	0	0	150,000	
		TOTAL - 102052			2,250,000	0	2,250,000	150,000	200,000	500,000	800,000	600,000	0	0	0	0	0	0	0	2,250,000	
		TOTAL - 1013			142,250,449	264,007	141,986,442	2,500,996	5,230,202	3,876,352	6,317,882	7,361,265	12,193,297	14,808,947	65,105,389	23,092,111	1,500,000	0	0	141,986,441	
1014	100984	REFURBISH STRUCTURES IN PUMP STATIONS	2017S	F	100,000	0	100,000	0	100,000	0	0	0	0	0	0	0	0	0	0	100,000	
			2018S	F	300,000	0	300,000	0	0	300,000	0	0	0	0	0	0	0	0	0	300,000	
			2019S	F	400,000	0	400,000	0	0	0	400,000	0	0	0	0	0	0	0	0	400,000	
			2020S	F	400,000	0	400,000	0	0	0	0	400,000	0	0	0	0	0	0	0	400,000	
			2021S	F	500,000	0	500,000	0	0	0	0	0	500,000	0	0	0	0	0	0	500,000	
			EW658	A	120,147	120,147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	791,444	15,740	775,704	775,704	0	0	0	0	0	0	0	0	0	0	0	775,704	
		TOTAL - 100984			2,611,591	135,887	2,475,704	775,704	100,000	300,000	400,000	400,000	500,000	0	0	0	0	0	0	2,475,704	
		TOTAL - 1014			2,611,591	135,887	2,475,704	775,704	100,000	300,000	400,000	400,000	500,000	0	0	0	0	0	0	2,475,704	
1015	101454	PUMP STATION IMPROVEMENT PROGRAM	2017S	F	31,138,156	0	31,138,156	0	31,138,156	0	0	0	0	0	0	0	0	0	0	31,138,156	
			2018S	F	32,862,115	0	32,862,115	0	0	32,862,115	0	0	0	0	0	0	0	0	0	0	32,862,115
			EW623	A	49,865,342	0	49,865,342	35,659,888	7,044,812	7,160,642	0	0	0	0	0	0	0	0	0	0	49,865,342
			EW658	A	25,404,575	25,404,575	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	10,020,447	10,020,447	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		TOTAL - 101454			149,290,635	35,425,022	113,865,613	35,659,888	38,182,968	40,022,757	0	0	0	0	0	0	0	0	0	113,865,613	
1015	102192	OUT OF COMPLIANCE PUMP STATIONS	2017S	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	



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future		
1015	102192	OUT OF COMPLIANCE PUMP STATIONS	2018S	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
			2019S	F	3,000,000	0	3,000,000	0	0	0	3,000,000	0	0	0	0	0	0	0	0	3,000,000
			2020S	F	4,000,000	0	4,000,000	0	0	0	0	4,000,000	0	0	0	0	0	0	0	4,000,000
			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
			2022S	F	6,000,000	0	6,000,000	0	0	0	0	0	0	6,000,000	0	0	0	0	0	6,000,000
			FUT-S	F	94,467,242	0	94,467,242	0	0	0	0	0	0	0	0	7,000,000	8,000,000	79,467,242	0	94,467,242
		TOTAL - 102192			115,467,242	0	115,467,242	0	1,000,000	2,000,000	3,000,000	4,000,000	5,000,000	6,000,000	7,000,000	8,000,000	79,467,242	0	115,467,242	
		TOTAL - 1015			264,757,877	35,425,022	229,332,855	35,659,888	39,182,968	42,022,757	3,000,000	4,000,000	5,000,000	6,000,000	7,000,000	8,000,000	79,467,242	0	229,332,855	
1018	101710	MASTER PUMP STATION NO. 3 (FORMERLY P.S. 8)	2017S	F	5,000,000	0	5,000,000	0	5,000,000	0	0	0	0	0	0	0	0	0	0	5,000,000
			2018S	F	3,000,000	0	3,000,000	0	0	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
			2019S	F	3,000,000	0	3,000,000	0	0	0	3,000,000	0	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
			EW623	A	50,659,153	45,659,153	5,000,000	5,000,000	0	0	0	0	0	0	0	0	0	0	0	5,000,000
			EW660	A	321,391	26,212	295,179	295,179	0	0	0	0	0	0	0	0	0	0	0	295,179
		TOTAL - 101710			62,980,544	45,685,365	17,295,179	5,295,179	5,000,000	3,000,000	3,000,000	1,000,000	0	0	0	0	0	0	0	17,295,179
1018	101774	FORCE MAIN IN DORAL N.W. 107TH AVE.	2017S	F	2,842,772	0	2,842,772	0	2,842,772	0	0	0	0	0	0	0	0	0	0	2,842,772
			2018S	F	3,296,055	0	3,296,055	0	0	3,296,055	0	0	0	0	0	0	0	0	0	3,296,055
			2019S	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
			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
			2021S	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



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1018	101774	FORCE MAIN IN DORAL N.W. 107TH AVE.	2022S	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	272,914	272,914	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,354,233	0	1,354,233	1,354,233	0	0	0	0	0	0	0	0	0	0	0	1,354,233
		TOTAL - 101774			11,765,974	272,914	11,493,060	1,354,233	2,842,772	3,296,055	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	0	0	11,493,060
1018	101846	PS 559 FLOW METER	2017S	F	500,000	0	500,000	0	500,000	0	0	0	0	0	0	0	0	0	0	500,000
		TOTAL - 101846			500,000	0	500,000	0	500,000	0	0	0	0	0	0	0	0	0	0	500,000
1018	102194	WASTEWATER MASTER PLAN	2017S	F	900,000	0	900,000	0	900,000	0	0	0	0	0	0	0	0	0	0	900,000
			2018S	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
			2019S	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
		TOTAL - 102194			3,798,900	0	3,798,900	0	900,000	1,898,900	1,000,000	0	0	0	0	0	0	0	0	3,798,900
		TOTAL - 1018			79,045,418	45,958,279	33,087,139	6,649,412	9,242,772	8,194,955	5,000,000	2,000,000	1,000,000	1,000,000	0	0	0	0	0	33,087,139
1019	100877	SANITARY SEWER SYSTEM EXTENSION	2017S	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
			2018S	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
			2019S	F	3,038,444	0	3,038,444	0	0	0	3,038,444	0	0	0	0	0	0	0	0	3,038,444
			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
			2021S	F	500,000	0	500,000	0	0	0	0	0	500,000	0	0	0	0	0	0	500,000
			2022S	F	500,000	0	500,000	0	0	0	0	0	0	500,000	0	0	0	0	0	500,000
			EW621	A	5,621,061	1,821,061	3,800,000	3,800,000	0	0	0	0	0	0	0	0	0	0	0	3,800,000
			EW646	A	2,399,167	2,399,167	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	6,948,242	0	6,948,242	6,948,242	0	0	0	0	0	0	0	0	0	0	0	6,948,242

Prepared by Capital Planning and Coordination Section



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
TOTAL - 100877					24,233,184	4,220,228	20,012,956	10,748,242	2,113,135	2,113,135	3,038,444	1,000,000	500,000	500,000	0	0	0	0	20,012,956
1019	101722	DESIGN AND ENGINEERING SERVICES FOR SANITARY SEWER FORCE MAINS AND SANITARY SEWER GRAVITY MAINS - (CPCS)	FUT-S	F	721,630	0	721,630	0	0	0	0	0	0	0	721,630	0	0	0	721,630
TOTAL - 101722					721,630	0	721,630	0	0	0	0	0	0	0	721,630	0	0	0	721,630
1019	101733	SANITARY SEWER SYSTEM EXTENSION FOR JPA'S	2017S	F	500,000	0	500,000	0	500,000	0	0	0	0	0	0	0	0	0	500,000
			2018S	F	500,000	0	500,000	0	0	500,000	0	0	0	0	0	0	0	0	500,000
			EW621	A	6,574,496	6,574,496	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW646	A	35,848	35,848	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	3,042,142	3,042,142	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	200,000	17,060	182,940	182,940	0	0	0	0	0	0	0	0	0	0	182,940
TOTAL - 101733					10,852,486	9,669,546	1,182,940	182,940	500,000	500,000	0	0	0	0	0	0	0	0	1,182,940
1019	102128	6" FM FROM PS 746 TO SW 156 ST & US1	EW658	A	137,972	137,972	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,964,884	34,375	1,930,509	1,930,505	0	0	0	0	0	0	0	0	0	0	1,930,505
TOTAL - 102128					2,102,856	172,347	1,930,509	1,930,505	0	0	0	0	0	0	0	0	0	0	1,930,505
1019	102129	6" PVC FM FROM PS 1070 SOUTH TO MH 19	EW658	A	51,911	51,911	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	915,351	484,895	430,456	430,456	0	0	0	0	0	0	0	0	0	0	430,456
TOTAL - 102129					967,262	536,806	430,456	430,456	0	0	0	0	0	0	0	0	0	0	430,456
1019	102130	REPLACE 8" FM FROM PS 149 SOUTH TO NW 112 AVE & W. FLAGLER ST	EW658	A	73,247	73,247	0	0	0	0	0	0	0	0	0	0	0	0	0



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS												
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1019	102130	REPLACE 8" FM FROM PS 149 SOUTH TO NW 112 AVE & W. FLAGLER ST	EW660	A	603,019	212,198	390,821	390,821	0	0	0	0	0	0	0	0	0	0	0	390,821
TOTAL - 102130					676,266	285,445	390,821	390,821	0	0	0	0	0	0	0	0	0	0	0	390,821
1019	102131	INSTALL 8-INCH D.I. FORCE MAIN ALONG SW 192 AVE. FROM SW 354 ST. TO SW 360 ST.	EW660	A	23,845	0	23,845	23,845	0	0	0	0	0	0	0	0	0	0	0	23,845
TOTAL - 102131					23,845	0	23,845	23,845	0	0	0	0	0	0	0	0	0	0	0	23,845
1019	102195	WASTEWATER NEEDS ASSESSMENT FOR NEW GRAVITY SEWER PHASE 1 - (CPCS)	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					229,711,020	14,884,372	214,826,648	13,706,809	2,613,135	2,613,135	3,038,444	1,000,000	500,000	500,000	190,855,121	0	0	0	214,826,644	
1021	101816	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS	2018S	F	1,050,000	0	1,050,000	0	0	1,050,000	0	0	0	0	0	0	0	0	0	1,050,000
			2019S	F	250,000	0	250,000	0	0	0	250,000	0	0	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	0	250,000
			2021S	F	250,000	0	250,000	0	0	0	0	0	250,000	0	0	0	0	0	0	250,000
			2022S	F	250,000	0	250,000	0	0	0	0	0	0	250,000	0	0	0	0	0	250,000
			FUT-S	F	250,000	0	250,000	0	0	0	0	0	0	0	250,000	0	0	0	0	250,000
TOTAL - 101816					2,300,000	0	2,300,000	0	0	1,050,000	250,000	250,000	250,000	250,000	250,000	0	0	0	2,300,000	
1021	101823	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	2018S	F	250,000	0	250,000	0	0	250,000	0	0	0	0	0	0	0	0	0	250,000
			2019S	F	275,000	0	275,000	0	0	0	275,000	0	0	0	0	0	0	0	0	275,000



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1021	101823	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	2020S	F	275,000	0	275,000	0	0	0	0	275,000	0	0	0	0	0	0	0	275,000
			2021S	F	285,000	0	285,000	0	0	0	0	0	285,000	0	0	0	0	0	0	285,000
			2022S	F	285,000	0	285,000	0	0	0	0	0	0	285,000	0	0	0	0	0	285,000
			FUT-S	F	285,000	0	285,000	0	0	0	0	0	0	0	285,000	0	0	0	0	285,000
		TOTAL - 101823			1,655,000	0	1,655,000	0	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	2018S	F	1,675,000	0	1,675,000	0	0	1,675,000	0	0	0	0	0	0	0	0	0	1,675,000
			2019S	F	1,875,000	0	1,875,000	0	0	0	1,875,000	0	0	0	0	0	0	0	0	1,875,000
			2020S	F	1,975,000	0	1,975,000	0	0	0	0	1,975,000	0	0	0	0	0	0	0	1,975,000
			2021S	F	1,875,000	0	1,875,000	0	0	0	0	0	1,875,000	0	0	0	0	0	0	1,875,000
			2022S	F	1,980,000	0	1,980,000	0	0	0	0	0	0	1,980,000	0	0	0	0	0	1,980,000
			FUT-S	F	2,880,000	0	2,880,000	0	0	0	0	0	0	0	2,880,000	0	0	0	0	2,880,000
		TOTAL - 101837			12,260,000	0	12,260,000	0	0	1,675,000	1,875,000	1,975,000	1,875,000	1,980,000	2,880,000	0	0	0	0	12,260,000
1021	101930	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	2017S	F	850,000	0	850,000	0	850,000	0	0	0	0	0	0	0	0	0	0	850,000
			2018S	F	950,000	0	950,000	0	0	950,000	0	0	0	0	0	0	0	0	0	950,000
			2019S	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
			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
			2021S	F	436,977	0	436,977	0	0	0	0	0	436,977	0	0	0	0	0	0	436,977
			EW658	A	224,648	224,648	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1021	101930	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	EW660	A	813,375	0	813,375	813,375	0	0	0	0	0	0	0	0	0	0	0	813,375
TOTAL - 101930					5,275,000	224,648	5,050,352	813,375	850,000	950,000	1,000,000	1,000,000	436,977	0	0	0	0	0	0	5,050,352
1021	101933	REPLACEMENT OF SUBMERSIBLE PUMPING EQUIPMENT	2018S	F	500,000	0	500,000	0	0	500,000	0	0	0	0	0	0	0	0	0	500,000
			2019S	F	250,000	0	250,000	0	0	0	250,000	0	0	0	0	0	0	0	0	250,000
			EW658	A	199,697	199,697	1	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL - 101933					949,697	199,697	750,001	0	0	500,000	250,000	0	0	0	0	0	0	0	0	750,000
1021	101934	REPLACEMENT OF VARIABLE REQUENCY DRIVES (VFD)	2017S	F	750,000	0	750,000	0	750,000	0	0	0	0	0	0	0	0	0	0	750,000
			2018S	F	800,000	0	800,000	0	0	800,000	0	0	0	0	0	0	0	0	0	800,000
			2019S	F	1,600,000	0	1,600,000	0	0	0	1,600,000	0	0	0	0	0	0	0	0	1,600,000
			EW660	A	214,908	114,908	100,000	100,000	0	0	0	0	0	0	0	0	0	0	0	100,000
TOTAL - 101934					3,364,908	114,908	3,250,000	100,000	750,000	800,000	1,600,000	0	0	0	0	0	0	0	0	3,250,000
1021	102159	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2018S	F	250,000	0	250,000	0	0	250,000	0	0	0	0	0	0	0	0	0	250,000
			2019S	F	2,250,000	0	2,250,000	0	0	0	2,250,000	0	0	0	0	0	0	0	0	2,250,000
			2020S	F	2,350,000	0	2,350,000	0	0	0	0	2,350,000	0	0	0	0	0	0	0	2,350,000
			2021S	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
			2022S	F	2,460,000	0	2,460,000	0	0	0	0	0	0	2,460,000	0	0	0	0	0	2,460,000
			FUT-S	F	2,200,000	0	2,200,000	0	0	0	0	0	0	0	2,200,000	0	0	0	0	2,200,000



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
TOTAL - 102159					11,970,000	0	11,970,000	0	0	250,000	2,250,000	2,350,000	2,460,000	2,460,000	2,200,000	0	0	0	11,970,000
1021	102160	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	2018S	F	351,296	0	351,296	0	0	351,296	0	0	0	0	0	0	0	0	351,296
			2019S	F	783,525	0	783,525	0	0	0	783,525	0	0	0	0	0	0	0	783,525
			2020S	F	546,517	0	546,517	0	0	0	0	546,517	0	0	0	0	0	0	546,517
			2021S	F	1,388,765	0	1,388,765	0	0	0	0	0	1,388,765	0	0	0	0	0	1,388,765
			2022S	F	3,429,897	0	3,429,897	0	0	0	0	0	0	3,429,897	0	0	0	0	3,429,897
			FUT-S	F	13,500,000	0	13,500,000	0	0	0	0	0	0	0	13,500,000	0	0	0	13,500,000
TOTAL - 102160					20,000,000	0	20,000,000	0	0	351,296	783,525	546,517	1,388,765	3,429,897	13,500,000	0	0	0	20,000,000
1021	102161	CONVERSION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2018S	F	253,937	0	253,937	0	0	253,937	0	0	0	0	0	0	0	0	253,937
			2019S	F	706,607	0	706,607	0	0	0	706,607	0	0	0	0	0	0	0	706,607
			2020S	F	978,697	0	978,697	0	0	0	0	978,697	0	0	0	0	0	0	978,697
			2021S	F	3,893,715	0	3,893,715	0	0	0	0	0	3,893,715	0	0	0	0	0	3,893,715
			2022S	F	567,047	0	567,047	0	0	0	0	0	0	567,047	0	0	0	0	567,047
			FUT-S	F	11,600,000	0	11,600,000	0	0	0	0	0	0	0	11,600,000	0	0	0	11,600,000
TOTAL - 102161					18,000,003	0	18,000,003	0	0	253,937	706,607	978,697	3,893,715	567,047	11,600,000	0	0	0	18,000,003
1021	102163	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	2018S	F	291,076	0	291,076	0	0	291,076	0	0	0	0	0	0	0	0	291,076
			2019S	F	1,281,448	0	1,281,448	0	0	0	1,281,448	0	0	0	0	0	0	0	1,281,448
			2020S	F	2,718,729	0	2,718,729	0	0	0	0	2,718,729	0	0	0	0	0	0	2,718,729
			2021S	F	3,500,000	0	3,500,000	0	0	0	0	0	3,500,000	0	0	0	0	0	3,500,000



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1021	102163	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	2022S	F	315,026	0	315,026	0	0	0	0	0	0	315,026	0	0	0	0	0	315,026
			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
		TOTAL - 102163			13,106,279	0	13,106,279	0	0	291,076	1,281,448	2,718,729	3,500,000	315,026	5,000,000	0	0	0	0	13,106,279
1021	102164	REPLACEMENT OF CONE VALVES	2018S	F	1,500,000	0	1,500,000	0	0	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
			2019S	F	391,034	0	391,034	0	0	0	391,034	0	0	0	0	0	0	0	0	391,034
			2020S	F	1,766,167	0	1,766,167	0	0	0	0	1,766,167	0	0	0	0	0	0	0	1,766,167
			2021S	F	179,134	0	179,134	0	0	0	0	0	179,134	0	0	0	0	0	0	179,134
			2022S	F	212,442	0	212,442	0	0	0	0	0	0	212,442	0	0	0	0	0	212,442
		TOTAL - 102164			4,048,777	0	4,048,777	0	0	1,500,000	391,034	1,766,167	179,134	212,442	0	0	0	0	0	4,048,777
1021	102165	REPLACEMENT OF OBSOLETE GENERATORS	2018S	F	250,000	0	250,000	0	0	250,000	0	0	0	0	0	0	0	0	0	250,000
			2019S	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
			2020S	F	438,440	0	438,440	0	0	0	0	438,440	0	0	0	0	0	0	0	438,440
			2021S	F	3,684,165	0	3,684,165	0	0	0	0	0	3,684,165	0	0	0	0	0	0	3,684,165
			2022S	F	240,270	0	240,270	0	0	0	0	0	0	240,270	0	0	0	0	0	240,270
			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 - 102165			7,645,990	0	7,645,990	0	0	250,000	1,033,115	438,440	3,684,165	240,270	2,000,000	0	0	0	0	7,645,990
		TOTAL - 1021			100,575,654	539,252	100,036,402	913,375	1,600,000	8,121,309	11,695,729	12,298,550	17,952,756	9,739,682	37,715,000	0	0	0	0	100,036,401
1023	100621	TELEMETERING SYSTEM - WASTEWATER	EW621	A	4,767,564	0	4,767,564	1,280,998	486,566	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	0	4,767,564
			EW646	A	1,375,711	1,375,711	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1023	100621	TELEMETERING SYSTEM - WASTEWATER	EW660	A	1,278,707	0	1,278,707	1,278,707	0	0	0	0	0	0	0	0	0	0	0	1,278,707
		TOTAL - 100621			7,421,982	1,375,711	6,046,271	2,559,705	486,566	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	6,046,271	
		TOTAL - 1023			7,421,982	1,375,711	6,046,271	2,559,705	486,566	500,000	500,000	500,000	500,000	500,000	0	0	0	6,046,271		
1024	100622	WASTEWATER SYSTEM UPGRADES	EW621	A	312,592,757	18,260,816	294,331,941	18,428,441	17,403,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	0	0	0	294,331,941	
			EW646	A	3,187,825	3,187,825	0	0	0	0	0	0	0	0	0	0	0	0	0	
		TOTAL - 100622			315,780,582	21,448,641	294,331,941	18,428,441	17,403,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	0	0	0	294,331,941	
		TOTAL - 1024			315,780,582	21,448,641	294,331,941	18,428,441	17,403,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	0	0	0	294,331,941	
1025	100623	LIFT STATION STRUCTURAL MAINTENANCE & UPGRADES	EW621	A	28,915,108	4,330,408	24,584,700	60,000	3,524,700	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	24,584,700	
			EW646	A	1,930,778	1,930,778	0	0	0	0	0	0	0	0	0	0	0	0	0	
		TOTAL - 100623			30,845,886	6,261,186	24,584,700	60,000	3,524,700	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	0	0	0	24,584,700	
1025	102126	RELOCATION OF 20 PUMP STATIONS	2017S	F	1,886,474	0	1,886,474	0	1,886,474	0	0	0	0	0	0	0	0	0	0	1,886,474
			2018S	F	1,626,569	0	1,626,569	0	0	1,626,569	0	0	0	0	0	0	0	0	0	1,626,569
			2019S	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
			2020S	F	1,500,000	0	1,500,000	0	0	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000
			2021S	F	500,000	0	500,000	0	0	0	0	0	500,000	0	0	0	0	0	0	500,000
			2022S	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	256,221	0	256,221	256,221	0	0	0	0	0	0	0	0	0	0	0	256,221
			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
		TOTAL - 102126			13,769,264	0	13,769,264	256,221	1,886,474	1,626,569	2,000,000	1,500,000	500,000	1,000,000	5,000,000	0	0	0	13,769,264	

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
		TOTAL - 1025			44,615,150	6,261,186	38,353,964	316,221	5,411,174	5,126,569	5,500,000	5,000,000	4,000,000	4,500,000	8,500,000	0	0	0	38,353,964
1027	100625	MISCELLANEOUS TOOLS AND EQUIPMENT	EW621	A	48,524,456	7,712,026	40,812,430	4,500,000	6,312,430	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	0	0	40,812,430	
			EW660	A	551,811	0	551,811	551,811	0	0	0	0	0	0	0	0	0	0	551,811
		TOTAL - 100625			49,076,267	7,712,026	41,364,241	5,051,811	6,312,430	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	0	0	41,364,241	
1027	101729	VEHICLES/TRANSPORTATION EQUIPMENT	EW621	A	51,447,783	3,645,497	47,802,286	6,026,443	5,775,843	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	0	0	0	47,802,286	
		TOTAL - 101729			51,447,783	3,645,497	47,802,286	6,026,443	5,775,843	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	0	0	0	47,802,286	
1027	101730	HEAVY CONSTRUCTION EQUIPMENT	EW621	A	35,429,766	8,901,156	26,528,610	5,940,110	5,588,500	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	26,528,610	
		TOTAL - 101730			35,429,766	8,901,156	26,528,610	5,940,110	5,588,500	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	26,528,610	
		TOTAL - 1027			135,953,816	20,258,679	115,695,137	17,018,364	17,676,773	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	0	0	0	115,695,137	
1029	100627	WASTEWATER TREATMENT PLANTS REHABILITATION	EW621	A	99,302,406	19,531,406	79,771,000	11,796,500	16,374,500	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	0	0	0	79,771,000	
			EW646	A	771,190	771,190	0	0	0	0	0	0	0	0	0	0	0	0	
			EW658	A	16,363	16,363	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		TOTAL - 100627			100,089,959	20,318,959	79,771,000	11,796,500	16,374,500	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	0	0	0	79,771,000	
1029	101732	SECURITY PROJECTS	2017S	F	608,333	0	608,333	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	3,526,484	0	0	0	0	0	0	0	0	3,526,484
			EW621	A	11,245,500	0	11,245,500	1,178,000	1,667,500	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	0	0	0	11,245,500	
			EW660	A	1,216,666	0	1,216,666	1,216,666	0	0	0	0	0	0	0	0	0	0	1,216,666
		TOTAL - 101732			16,596,983	0	16,596,983	2,394,666	2,275,833	4,926,484	1,400,000	1,400,000	1,400,000	1,400,000	0	0	0	16,596,983	



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1029	102018	UPGRADE WHOLESAL WASTEWATER FLOW METERS - (CPCS)	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			168,336,942	20,318,959	148,017,983	14,191,166	18,650,333	13,526,484	10,000,000	10,000,000	10,000,000	10,000,000	61,650,000	0	0	0	0	148,017,983
1032	101808	EMD GENERATOR HOUSING REPLACEMENT AT WWTP	2017S	F	1,800,000	0	1,800,000	0	1,800,000	0	0	0	0	0	0	0	0	0	0	1,800,000
		TOTAL - 101808			1,800,000	0	1,800,000	0	1,800,000	0	0	0	0	0	0	0	0	0	0	1,800,000
1032	101885	WWTP - VIDEO SURVEILANCE SYSTEM	2017S	F	688,743	0	688,743	0	688,743	0	0	0	0	0	0	0	0	0	0	688,743
			2018S	F	288,424	0	288,424	0	0	288,424	0	0	0	0	0	0	0	0	0	288,424
			2019S	F	3,793,312	0	3,793,312	0	0	0	3,793,312	0	0	0	0	0	0	0	0	3,793,312
			2020S	F	160,180	0	160,180	0	0	0	0	160,180	0	0	0	0	0	0	0	160,180
			EW660	A	69,341	0	69,341	69,341	0	0	0	0	0	0	0	0	0	0	0	69,341
		TOTAL - 101885			5,000,000	0	5,000,000	69,341	688,743	288,424	3,793,312	160,180	0	0	0	0	0	0	0	5,000,000
1032	102004	WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES - (CPCS)	2021S	F	500,000	0	500,000	0	0	0	0	0	500,000	0	0	0	0	0	0	500,000
			2022S	F	500,000	0	500,000	0	0	0	0	0	500,000	0	0	0	0	0	0	500,000
			FUT-S	F	6,500,000	0	6,500,000	0	0	0	0	0	0	6,500,000	0	0	0	0	0	6,500,000
		TOTAL - 102004			7,500,000	0	7,500,000	0	0	0	0	0	500,000	500,000	6,500,000	0	0	0	0	7,500,000
		TOTAL - 1032			14,300,000	0	14,300,000	69,341	2,488,743	288,424	3,793,312	160,180	500,000	500,000	6,500,000	0	0	0	0	14,300,000
1039	101791	CONTRACT SPECIFICATIONS MIASP	EW605	A	1,326,105	866,794	459,311	207,466	251,845	0	0	0	0	0	0	0	0	0	0	459,311
		TOTAL - 101791			1,326,105	866,794	459,311	207,466	251,845	0	0	0	0	0	0	0	0	0	0	459,311



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
TOTAL - 1039					1,326,105	866,794	459,311	207,466	251,845	0	0	0	0	0	0	0	0	0	459,311
1040	101858	FLOW CONTROL PIPELINE INTERCONNECTION (CL-X)	2021S	F	41,672	0	41,672	0	0	0	0	0	41,672	0	0	0	0	0	41,672
			2022S	F	247,398	0	247,398	0	0	0	0	0	0	247,398	0	0	0	0	247,398
			FUT-S	F	6,098,476	0	6,098,476	0	0	0	0	0	0	0	1,789,125	4,083,937	225,414	0	6,098,476
TOTAL - 101858					6,387,546	0	6,387,546	0	0	0	0	41,672	247,398	1,789,125	4,083,937	225,414	0	0	6,387,546
1040	101862	UPGRADE AND EXPANSION TO PS 187 (CEP-187E)	2017S	F	940,921	0	940,921	0	940,921	0	0	0	0	0	0	0	0	0	940,921
			2018S	F	475,391	0	475,391	0	0	475,391	0	0	0	0	0	0	0	0	475,391
			2019S	F	828,459	0	828,459	0	0	0	828,459	0	0	0	0	0	0	0	828,459
			2020S	F	2,449,976	0	2,449,976	0	0	0	0	2,449,976	0	0	0	0	0	0	2,449,976
			2021S	F	1,013,061	0	1,013,061	0	0	0	0	0	1,013,061	0	0	0	0	0	1,013,061
			2022S	F	3,000,000	0	3,000,000	0	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000
			EW660	A	784,032	0	784,032	784,032	0	0	0	0	0	0	0	0	0	0	784,032
			FUT-S	F	61,861,619	0	61,861,619	0	0	0	0	0	0	0	34,942,172	26,869,455	49,992	0	61,861,619
TOTAL - 101862					71,353,459	0	71,353,459	784,032	940,921	475,391	828,459	2,449,976	1,013,061	3,000,000	34,942,172	26,869,455	49,992	0	71,353,459
1040	101867	CDWWTP HLD FILTERS (141 MGD) (CT-2)	2017S	F	1,468,377	0	1,468,377	0	1,468,377	0	0	0	0	0	0	0	0	0	1,468,377
			2018S	F	1,074,801	0	1,074,801	0	0	1,074,801	0	0	0	0	0	0	0	0	1,074,801
			2019S	F	2,359,777	0	2,359,777	0	0	0	2,359,777	0	0	0	0	0	0	0	2,359,777
			2020S	F	3,541,951	0	3,541,951	0	0	0	0	3,541,951	0	0	0	0	0	0	3,541,951
			2021S	F	4,527,370	0	4,527,370	0	0	0	0	0	4,527,370	0	0	0	0	0	4,527,370
			2022S	F	5,012,796	0	5,012,796	0	0	0	0	0	0	5,012,796	0	0	0	0	5,012,796



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1040	101867	CDWWTP HLD FILTERS (141 MGD) (CT-2)	FUT-S	F	251,928,458	0	251,928,458	0	0	0	0	0	0	0	44,319,059	77,773,503	129,835,896	0	251,928,458	
TOTAL - 101867					269,913,530	0	269,913,530	0	1,468,377	1,074,801	2,359,777	3,541,951	4,527,370	5,012,796	44,319,059	77,773,503	129,835,896	0	269,913,530	
1040	102006	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	2017S	F	1,285,117	0	1,285,117	0	1,285,117	0	0	0	0	0	0	0	0	0	1,285,117	
			2018S	F	2,398,510	0	2,398,510	0	0	2,398,510	0	0	0	0	0	0	0	0	2,398,510	
			2019S	F	3,236,257	0	3,236,257	0	0	0	3,236,257	0	0	0	0	0	0	0	3,236,257	
			2020S	F	745,916	0	745,916	0	0	0	0	745,916	0	0	0	0	0	0	745,916	
			2021S	F	1,207,413	0	1,207,413	0	0	0	0	0	1,207,413	0	0	0	0	0	1,207,413	
			2022S	F	3,554,397	0	3,554,397	0	0	0	0	0	0	3,554,397	0	0	0	0	3,554,397	
			FUT-S	F	110,163,073	0	110,163,073	0	0	0	0	0	0	0	82,194,056	4,615,112	23,353,905	0	110,163,073	
TOTAL - 102006					122,590,683	0	122,590,683	0	1,285,117	2,398,510	3,236,257	745,916	1,207,413	3,554,397	82,194,056	4,615,112	23,353,905	0	122,590,683	
1040	102007	NDWWTP- BZ DEEP INJECTION WELLS (NE-2)	2019S	F	687,070	0	687,070	0	0	0	687,070	0	0	0	0	0	0	0	687,070	
			2020S	F	377,687	0	377,687	0	0	0	0	377,687	0	0	0	0	0	0	377,687	
			2021S	F	3,060,929	0	3,060,929	0	0	0	0	0	3,060,929	0	0	0	0	0	3,060,929	
			2022S	F	4,838,743	0	4,838,743	0	0	0	0	0	0	4,838,743	0	0	0	0	4,838,743	
			FUT-S	F	51,539,220	0	51,539,220	0	0	0	0	0	0	0	19,252,356	31,351,627	935,237	0	51,539,220	
TOTAL - 102007					60,503,649	0	60,503,649	0	0	0	687,070	377,687	3,060,929	4,838,743	19,252,356	31,351,627	935,237	0	60,503,649	
1040	102008	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	2017S	F	515,459	0	515,459	0	515,459	0	0	0	0	0	0	0	0	0	515,459	
			2018S	F	1,042,200	0	1,042,200	0	0	1,042,200	0	0	0	0	0	0	0	0	1,042,200	
			2019S	F	233,313	0	233,313	0	0	0	233,313	0	0	0	0	0	0	0	233,313	



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1040	102008	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	2020S	F	233,313	0	233,313	0	0	0	0	233,313	0	0	0	0	0	0	0	233,313	
			2021S	F	233,313	0	233,313	0	0	0	0	0	233,313	0	0	0	0	0	0	233,313	
			2022S	F	1,842,389	0	1,842,389	0	0	0	0	0	0	1,842,389	0	0	0	0	0	1,842,389	
			FUT-S	F	34,395,543	0	34,395,543	0	0	0	0	0	0	0	20,084,257	12,954,926	1,356,360	0	0	34,395,543	
		TOTAL - 102008			38,495,530	0	38,495,530	0	515,459	1,042,200	233,313	233,313	233,313	1,842,389	20,084,257	12,954,926	1,356,360	0	0	38,495,530	
1040	102009	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	2017S	F	516,453	0	516,453	0	516,453	0	0	0	0	0	0	0	0	0	0	516,453	
			2018S	F	1,161,749	0	1,161,749	0	0	1,161,749	0	0	0	0	0	0	0	0	0	0	1,161,749
			2019S	F	526,194	0	526,194	0	0	0	526,194	0	0	0	0	0	0	0	0	0	526,194
			2020S	F	587,941	0	587,941	0	0	0	0	587,941	0	0	0	0	0	0	0	0	587,941
			2021S	F	220,741	0	220,741	0	0	0	0	0	220,741	0	0	0	0	0	0	0	220,741
			2022S	F	1,501,727	0	1,501,727	0	0	0	0	0	0	1,501,727	0	0	0	0	0	0	1,501,727
			FUT-S	F	81,181,590	0	81,181,590	0	0	0	0	0	0	0	37,119,294	23,925,798	20,136,498	0	0	81,181,590	
		TOTAL - 102009			85,696,395	0	85,696,395	0	516,453	1,161,749	526,194	587,941	220,741	1,501,727	37,119,294	23,925,798	20,136,498	0	0	85,696,395	
1040	102010	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	2017S	F	884,847	0	884,847	0	884,847	0	0	0	0	0	0	0	0	0	0	884,847	
			2018S	F	107,627	0	107,627	0	0	107,627	0	0	0	0	0	0	0	0	0	0	107,627
			2019S	F	1,102,144	0	1,102,144	0	0	0	1,102,144	0	0	0	0	0	0	0	0	0	1,102,144
			2020S	F	2,744,750	0	2,744,750	0	0	0	0	2,744,750	0	0	0	0	0	0	0	0	2,744,750
			2021S	F	3,379,227	0	3,379,227	0	0	0	0	0	3,379,227	0	0	0	0	0	0	0	3,379,227
			2022S	F	5,147,231	0	5,147,231	0	0	0	0	0	0	5,147,231	0	0	0	0	0	0	5,147,231

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1040	102010	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	EW660	A	166,734	0	166,734	166,734	0	0	0	0	0	0	0	0	0	0	0	166,734	
			FUT-S	F	53,418,282	0	53,418,282	0	0	0	0	0	0	9,453,504	6,383,477	37,581,301	0	0	53,418,282		
		TOTAL - 102010			66,950,842	0	66,950,842	166,734	884,847	107,627	1,102,144	2,744,750	3,379,227	5,147,231	9,453,504	6,383,477	37,581,301	0	0	66,950,842	
1040	102034	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	2017S	F	566,014	0	566,014	0	566,014	0	0	0	0	0	0	0	0	0	0	566,014	
			2018S	F	1,087,629	0	1,087,629	0	0	1,087,629	0	0	0	0	0	0	0	0	0	1,087,629	
			2019S	F	2,587,629	0	2,587,629	0	0	0	2,587,629	0	0	0	0	0	0	0	0	2,587,629	
			2020S	F	3,772,000	0	3,772,000	0	0	0	0	3,772,000	0	0	0	0	0	0	0	3,772,000	
			2021S	F	4,132,039	0	4,132,039	0	0	0	0	0	4,132,039	0	0	0	0	0	0	4,132,039	
			2022S	F	6,624,431	0	6,624,431	0	0	0	0	0	0	6,624,431	0	0	0	0	0	6,624,431	
			EW623	A	6,048,017	2,335,466	3,712,551	3,712,551	0	0	0	0	0	0	0	0	0	0	0	3,712,551	
			FUT-S	F	1,855,527,943	0	1,855,527,943	0	0	0	0	0	0	0	456,793,588	233,655,983	1,165,078,372	0	0	1,855,527,943	
		TOTAL - 102034			1,880,345,702	2,335,466	1,878,010,236	3,712,551	566,014	1,087,629	2,587,629	3,772,000	4,132,039	6,624,431	456,793,588	233,655,983	1,165,078,372	0	0	1,878,010,236	
1040	102038	CDWWTP - CENTRATE INJECTION WELL (CE-4)	2017S	F	1,960,351	0	1,960,351	0	1,960,351	0	0	0	0	0	0	0	0	0	0	1,960,351	
			EW622	A	19,887,887	18,676,932	1,210,955	1,210,955	0	0	0	0	0	0	0	0	0	0	0	1,210,955	
			EW623	A	2,427,625	0	2,427,625	2,427,625	0	0	0	0	0	0	0	0	0	0	0	0	2,427,625
			EW646	A	344,254	344,254	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW658	A	6,309,313	6,309,313	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	1,968,189	472,904	1,495,285	1,495,285	0	0	0	0	0	0	0	0	0	0	0	1,495,285	
		TOTAL - 102038			32,897,619	25,803,403	7,094,216	5,133,865	1,960,351	0	0	0	0	0	0	0	0	0	0	7,094,216	



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS												
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1040	102068	48-INCH FM CONNECTION IN NW 58 ST FROM NW 107 AVE TO NW 79 AVE - DORAL (CL-3)	2020S	F	432,135	0	432,135	0	0	0	0	432,135	0	0	0	0	0	0	0	432,135
			2021S	F	1,623,574	0	1,623,574	0	0	0	0	0	1,623,574	0	0	0	0	0	0	1,623,574
			2022S	F	753,635	0	753,635	0	0	0	0	0	753,635	0	0	0	0	0	0	753,635
			FUT-S	F	53,695,930	0	53,695,930	0	0	0	0	0	0	19,176,498	20,519,432	14,000,000	0	0	0	53,695,930
		TOTAL - 102068			56,505,274	0	56,505,274	0	0	0	0	432,135	1,623,574	753,635	19,176,498	20,519,432	14,000,000	0	0	56,505,274
1040	102070	54-INCH FM FROM WP-1 (DORAL) TO WDWTP (CL-9)	2020S	F	2,050,304	0	2,050,304	0	0	0	0	2,050,304	0	0	0	0	0	0	0	2,050,304
			2021S	F	3,859,063	0	3,859,063	0	0	0	0	3,859,063	0	0	0	0	0	0	0	3,859,063
			2022S	F	4,898,545	0	4,898,545	0	0	0	0	0	4,898,545	0	0	0	0	0	0	4,898,545
			FUT-S	F	126,132,889	0	126,132,889	0	0	0	0	0	0	56,931,401	40,478,854	28,722,634	0	0	0	126,132,889
		TOTAL - 102070			136,940,801	0	136,940,801	0	0	0	0	2,050,304	3,859,063	4,898,545	56,931,401	40,478,854	28,722,634	0	0	136,940,801
1040	102071	72-INCH FM CONNECTION IN SW 137 AVE TO CL-4 FM IN NW 6 ST (CL-5)	2021S	F	801,689	0	801,689	0	0	0	0	801,689	0	0	0	0	0	0	0	801,689
			2022S	F	2,046,924	0	2,046,924	0	0	0	0	0	2,046,924	0	0	0	0	0	0	2,046,924
			FUT-S	F	25,230,550	0	25,230,550	0	0	0	0	0	0	13,958,673	8,271,877	3,000,000	0	0	0	25,230,550
		TOTAL - 102071			28,079,163	0	28,079,163	0	0	0	0	801,689	2,046,924	13,958,673	8,271,877	3,000,000	0	0	0	28,079,163
1040	102073	CDWWTP - PEAK FLOW TREATMENT (CT-3)	2017S	F	392,483	0	392,483	0	392,483	0	0	0	0	0	0	0	0	0	0	392,483
			2018S	F	686,664	0	686,664	0	0	686,664	0	0	0	0	0	0	0	0	0	686,664
			2019S	F	686,664	0	686,664	0	0	0	686,664	0	0	0	0	0	0	0	0	686,664
			2020S	F	686,664	0	686,664	0	0	0	0	686,664	0	0	0	0	0	0	0	686,664

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1040	102073	CDWWTP - PEAK FLOW TREATMENT (CT-3)	2021S	F	1,960,908	0	1,960,908	0	0	0	0	0	1,960,908	0	0	0	0	0	0	1,960,908
			2022S	F	716,685	0	716,685	0	0	0	0	0	716,685	0	0	0	0	0	0	716,685
			FUT-S	F	52,050,232	0	52,050,232	0	0	0	0	0	0	4,910,729	29,727,622	17,411,881	0	0	0	52,050,232
		TOTAL - 102073			57,180,300	0	57,180,300	0	392,483	686,664	686,664	686,664	1,960,908	716,685	4,910,729	29,727,622	17,411,881	0	0	57,180,300
1040	102075	DORAL BOOSTER STATION (WP-1)	2018S	F	384,363	0	384,363	0	0	384,363	0	0	0	0	0	0	0	0	0	384,363
			2019S	F	735,322	0	735,322	0	0	0	735,322	0	0	0	0	0	0	0	0	735,322
			2020S	F	1,058,889	0	1,058,889	0	0	0	0	1,058,889	0	0	0	0	0	0	0	1,058,889
			2021S	F	3,287,922	0	3,287,922	0	0	0	0	3,287,922	0	0	0	0	0	0	0	3,287,922
			2022S	F	5,809,090	0	5,809,090	0	0	0	0	0	5,809,090	0	0	0	0	0	0	5,809,090
			EW623	A	3,400,000	3,400,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			FUT-S	F	17,430,032	0	17,430,032	0	0	0	0	0	0	0	17,430,032	0	0	0	0	17,430,032
		TOTAL - 102075			32,105,618	3,400,000	28,705,618	0	0	384,363	735,322	1,058,889	3,287,922	5,809,090	17,430,032	0	0	0	0	28,705,618
1040	102076	EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWTP (CL-4)	2019S	F	4,531,104	0	4,531,104	0	0	0	4,531,104	0	0	0	0	0	0	0	0	4,531,104
			2020S	F	1,559,537	0	1,559,537	0	0	0	0	1,559,537	0	0	0	0	0	0	0	1,559,537
			2021S	F	1,102,966	0	1,102,966	0	0	0	0	0	1,102,966	0	0	0	0	0	0	1,102,966
			2022S	F	2,084,888	0	2,084,888	0	0	0	0	0	0	2,084,888	0	0	0	0	0	2,084,888
			FUT-S	F	232,854,293	0	232,854,293	0	0	0	0	0	0	0	75,609,107	34,481,644	122,763,542	0	0	232,854,293
		TOTAL - 102076			242,132,788	0	242,132,788	0	0	0	4,531,104	1,559,537	1,102,966	2,084,888	75,609,107	34,481,644	122,763,542	0	0	242,132,788
1040	102080	NDWWTP - PEAK FLOW TREATMENT (NT-3)	2019S	F	1,751,187	0	1,751,187	0	0	0	1,751,187	0	0	0	0	0	0	0	0	1,751,187



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1040	102080	NDWWTP - PEAK FLOW TREATMENT (NT-3)	2020S	F	1,400,269	0	1,400,269	0	0	0	0	1,400,269	0	0	0	0	0	0	0	1,400,269	
			2021S	F	295,130	0	295,130	0	0	0	0	295,130	0	0	0	0	0	0	0	0	295,130
			2022S	F	3,381,109	0	3,381,109	0	0	0	0	0	3,381,109	0	0	0	0	0	0	0	3,381,109
			FUT-S	F	34,176,918	0	34,176,918	0	0	0	0	0	0	0	32,764,149	1,412,769	0	0	0	0	34,176,918
			TOTAL - 102080					41,004,613	0	41,004,613	0	0	0	1,751,187	1,400,269	295,130	3,381,109	32,764,149	1,412,769	0	0
1040	102092	WDWWTP - INJECTION WELL PUMP STATION (WE-1)	2019S	F	4,411,166	0	4,411,166	0	0	0	4,411,166	0	0	0	0	0	0	0	0	4,411,166	
			2020S	F	3,725,422	0	3,725,422	0	0	0	3,725,422	0	0	0	0	0	0	0	0	0	3,725,422
			2021S	F	1,088,026	0	1,088,026	0	0	0	0	1,088,026	0	0	0	0	0	0	0	0	1,088,026
			2022S	F	5,477,831	0	5,477,831	0	0	0	0	0	5,477,831	0	0	0	0	0	0	0	5,477,831
			FUT-S	F	113,134,347	0	113,134,347	0	0	0	0	0	0	0	41,205,055	43,355,194	28,574,098	0	0	0	113,134,347
TOTAL - 102092					127,836,792	0	127,836,792	0	0	0	4,411,166	3,725,422	1,088,026	5,477,831	41,205,055	43,355,194	28,574,098	0	127,836,792		
1040	102093	WDWWTP - INJECTION WELLS (WE-2)	2020S	F	2,130,510	0	2,130,510	0	0	0	2,130,510	0	0	0	0	0	0	0	0	2,130,510	
			2021S	F	4,823,990	0	4,823,990	0	0	0	0	4,823,990	0	0	0	0	0	0	0	0	4,823,990
			2022S	F	6,625,240	0	6,625,240	0	0	0	0	0	6,625,240	0	0	0	0	0	0	0	6,625,240
			FUT-S	F	138,315,270	0	138,315,270	0	0	0	0	0	0	0	61,948,215	44,731,390	31,635,665	0	0	0	138,315,270
			TOTAL - 102093					151,895,010	0	151,895,010	0	0	0	2,130,510	4,823,990	6,625,240	61,948,215	44,731,390	31,635,665	0	151,895,010
1040	102094	WDWWTP - PEAK FLOW TREATMENT	2017S	F	65,386	0	65,386	0	65,386	0	0	0	0	0	0	0	0	0	0	65,386	
			2018S	F	405,344	0	405,344	0	0	405,344	0	0	0	0	0	0	0	0	0	0	405,344
			2019S	F	2,417,944	0	2,417,944	0	0	2,417,944	0	0	0	0	0	0	0	0	0	0	2,417,944
			2020S	F	967,685	0	967,685	0	0	0	967,685	0	0	0	0	0	0	0	0	0	967,685

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1040	102094	WDWWTP - PEAK FLOW TREATMENT	2021S	F	1,702,681	0	1,702,681	0	0	0	0	0	1,702,681	0	0	0	0	0	0	1,702,681	
			2022S	F	4,925,869	0	4,925,869	0	0	0	0	0	4,925,869	0	0	0	0	0	0	4,925,869	
			FUT-S	F	29,559,913	0	29,559,913	0	0	0	0	0	0	9,921,009	9,847,650	9,791,254	0	0	0	29,559,913	
		TOTAL - 102094			40,044,822	0	40,044,822	0	65,386	405,344	2,417,944	967,685	1,702,681	4,925,869	9,921,009	9,847,650	9,791,254	0	0	40,044,822	
1040	102096	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	2017S	F	1,741,578	0	1,741,578	0	1,741,578	0	0	0	0	0	0	0	0	0	0	1,741,578	
			2018S	F	2,924,872	0	2,924,872	0	0	2,924,872	0	0	0	0	0	0	0	0	0	0	2,924,872
			2019S	F	3,057,207	0	3,057,207	0	0	0	3,057,207	0	0	0	0	0	0	0	0	0	3,057,207
			2020S	F	4,500,000	0	4,500,000	0	0	0	0	4,500,000	0	0	0	0	0	0	0	0	4,500,000
			2021S	F	5,000,000	0	5,000,000	0	0	0	0	0	5,000,000	0	0	0	0	0	0	0	5,000,000
			2022S	F	6,500,000	0	6,500,000	0	0	0	0	0	0	6,500,000	0	0	0	0	0	0	6,500,000
			EW658	A	1,341,479	1,341,479	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	535,291	191,598	343,693	343,693	0	0	0	0	0	0	0	0	0	0	0	0	343,693
			FUT-S	F	15,300,000	0	15,300,000	0	0	0	0	0	0	0	8,300,000	7,000,000	0	0	0	0	15,300,000
		TOTAL - 102096			40,900,427	1,533,077	39,367,350	343,693	1,741,578	2,924,872	3,057,207	4,500,000	5,000,000	6,500,000	8,300,000	7,000,000	0	0	0	39,367,350	
1040	102125	WWTP - STORM SURGE PROTECTION (XS-1)	2019S	F	2,756,721	0	2,756,721	0	0	0	2,756,721	0	0	0	0	0	0	0	0	0	2,756,721
			2020S	F	5,537,468	0	5,537,468	0	0	0	0	5,537,468	0	0	0	0	0	0	0	0	5,537,468
			2021S	F	4,031,096	0	4,031,096	0	0	0	0	0	4,031,096	0	0	0	0	0	0	0	4,031,096
			2022S	F	5,541,399	0	5,541,399	0	0	0	0	0	0	5,541,399	0	0	0	0	0	0	5,541,399
			FUT-S	F	111,692,794	0	111,692,794	0	0	0	0	0	0	0	78,650,961	22,012,553	11,029,280	0	0	0	111,692,794
		TOTAL - 102125			129,559,478	0	129,559,478	0	0	0	2,756,721	5,537,468	4,031,096	5,541,399	78,650,961	22,012,553	11,029,280	0	0	129,559,478	

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1040	102138	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	2017S	F	11,534,482	0	11,534,482	0	11,534,482	0	0	0	0	0	0	0	0	0	0	0	11,534,482
			2018S	F	2,367,763	0	2,367,763	0	0	2,367,763	0	0	0	0	0	0	0	0	0	0	2,367,763
			2019S	F	4,619,773	0	4,619,773	0	0	0	4,619,773	0	0	0	0	0	0	0	0	0	4,619,773
			2020S	F	5,079,259	0	5,079,259	0	0	0	0	5,079,259	0	0	0	0	0	0	0	0	5,079,259
			2021S	F	6,751,709	0	6,751,709	0	0	0	0	0	6,751,709	0	0	0	0	0	0	0	6,751,709
			2022S	F	7,551,687	0	7,551,687	0	0	0	0	0	0	7,551,687	0	0	0	0	0	0	7,551,687
			EW658	A	14,764,294	14,764,294	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	22,161,128	7,994,255	14,166,873	14,166,873	0	0	0	0	0	0	0	0	0	0	0	0	14,166,873
			FUT-S	F	183,057,933	0	183,057,933	0	0	0	0	0	0	0	18,327,816	18,206,134	146,523,983	0	0	0	183,057,933
		TOTAL - 102138			257,888,028	22,758,549	235,129,479	14,166,873	11,534,482	2,367,763	4,619,773	5,079,259	6,751,709	7,551,687	18,327,816	18,206,134	146,523,983	0	0	0	235,129,479
1040	102150	SE-2 SDWWTP BZ DEEP MUNICIPAL INJECTION WELLS	2017S	F	1,068,355	0	1,068,355	0	1,068,355	0	0	0	0	0	0	0	0	0	0	0	1,068,355
			2018S	F	2,168,719	0	2,168,719	0	0	2,168,719	0	0	0	0	0	0	0	0	0	0	2,168,719
			2019S	F	3,458,973	0	3,458,973	0	0	0	3,458,973	0	0	0	0	0	0	0	0	0	3,458,973
			2020S	F	3,220,165	0	3,220,165	0	0	0	0	3,220,165	0	0	0	0	0	0	0	0	3,220,165
			2021S	F	3,669,551	0	3,669,551	0	0	0	0	0	3,669,551	0	0	0	0	0	0	0	3,669,551
			2022S	F	3,500,000	0	3,500,000	0	0	0	0	0	0	3,500,000	0	0	0	0	0	0	3,500,000
			EW660	A	336,376	0	336,376	336,376	0	0	0	0	0	0	0	0	0	0	0	0	336,376
			FUT-S	F	3,500,000	0	3,500,000	0	0	0	0	0	0	0	3,500,000	0	0	0	0	0	3,500,000
		TOTAL - 102150			20,922,139	0	20,922,139	336,376	1,068,355	2,168,719	3,458,973	3,220,165	3,669,551	3,500,000	3,500,000	0	0	0	0	0	20,922,139



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1040	102151	SE-1 SDWWTP - BZ EFFLUENT DISPOSAL PUMP STATION	2017S	F	1,206,808	0	1,206,808	0	1,206,808	0	0	0	0	0	0	0	0	0	0	0	1,206,808
			2018S	F	3,964,119	0	3,964,119	0	0	3,964,119	0	0	0	0	0	0	0	0	0	0	3,964,119
			2019S	F	5,234,667	0	5,234,667	0	0	0	5,234,667	0	0	0	0	0	0	0	0	0	5,234,667
			2020S	F	7,485,895	0	7,485,895	0	0	0	0	7,485,895	0	0	0	0	0	0	0	0	7,485,895
			2021S	F	8,000,000	0	8,000,000	0	0	0	0	0	8,000,000	0	0	0	0	0	0	0	8,000,000
			2022S	F	7,000,000	0	7,000,000	0	0	0	0	0	0	7,000,000	0	0	0	0	0	0	7,000,000
			EW660	A	399,711	0	399,711	399,711	0	0	0	0	0	0	0	0	0	0	0	0	399,711
		TOTAL - 102151			33,291,200	0	33,291,200	399,711	1,206,808	3,964,119	5,234,667	7,485,895	8,000,000	7,000,000	0	0	0	0	0	0	33,291,200
1040	102203	XR-1 REUSE PROJECTS	FUT-S	F	95,000,000	0	95,000,000	0	0	0	0	0	0	0	95,000,000	0	0	0	0	0	95,000,000
		TOTAL - 102203			95,000,000	0	95,000,000	0	0	0	0	0	0	0	95,000,000	0	0	0	0	0	95,000,000
1040	102204	72 INCH RECLAIMED WATER PIPELINE TO TURKEY POINT FPL	FUT-S	F	98,000,000	0	98,000,000	0	0	0	0	0	0	0	98,000,000	0	0	0	0	0	98,000,000
		TOTAL - 102204			98,000,000	0	98,000,000	0	0	0	0	0	0	0	98,000,000	0	0	0	0	0	98,000,000
1040	102210	10665 - NDWWTP - INJECTION WELLS PS UPGRADE PHASE 1 EFFLUENT DISPOSAL	FUT-S	F	7,343,584	0	7,343,584	0	0	0	0	0	0	0	7,343,584	0	0	0	0	0	7,343,584
		TOTAL - 102210			7,343,584	0	7,343,584	0	0	0	0	0	0	0	7,343,584	0	0	0	0	0	7,343,584
		TOTAL - 1040			4,231,764,992	55,830,495	4,175,934,497	25,043,835	24,146,631	20,249,751	45,221,571	54,287,736	65,814,070	98,582,014	1,348,924,640	701,658,937	1,792,005,312	0	0	0	4,175,934,497
1041	101611	SANITARY SEWER SYSTEM ENHANCEMENTS	EW647	A	8,635,000	5,155,000	3,480,000	492,525	875,614	969,557	692,305	450,000	0	0	0	0	0	0	0	0	3,480,001
		TOTAL - 101611			8,635,000	5,155,000	3,480,000	492,525	875,614	969,557	692,305	450,000	0	0	0	0	0	0	0	0	3,480,001



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1041	101612	SANITARY SEWER NEEDS ASSESSMENT	EW647	A	3,529,000	1,523,800	2,005,200	535,000	810,600	479,000	124,800	55,800	0	0	0	0	0	0	0	2,005,200	
TOTAL - 101612					3,529,000	1,523,800	2,005,200	535,000	810,600	479,000	124,800	55,800	0	0	0	0	0	0	0	2,005,200	
1041	101796	UPGRADE OF MIAMI SPRINGS PUMP STATION AND CONTRACT SPECIFICATIONS	EW647	A	838,000	587,000	251,000	150,600	75,300	25,100	0	0	0	0	0	0	0	0	0	251,000	
TOTAL - 101796					838,000	587,000	251,000	150,600	75,300	25,100	0	0	0	0	0	0	0	0	0	251,000	
1041	101957	NW 37TH AVENUE - SEWER MAINS IMPROVEMENTS	EW647	A	5,110,500	1,465,500	3,645,000	484,500	491,000	613,500	859,000	1,197,000	0	0	0	0	0	0	0	3,645,000	
TOTAL - 101957					5,110,500	1,465,500	3,645,000	484,500	491,000	613,500	859,000	1,197,000	0	0	0	0	0	0	0	3,645,000	
TOTAL - 1041					18,112,500	8,731,300	9,381,200	1,662,625	2,252,514	2,087,157	1,676,105	1,702,800	0	0	0	0	0	0	0	9,381,201	
1042	101967	WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS	EW621	A	32,787,990	8,787,990	24,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	0	24,000,000	
			EW646	A	1,426,210	1,426,210	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL - 101967					34,214,200	10,214,200	24,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	0	24,000,000
TOTAL - 1042					34,214,200	10,214,200	24,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	0	0	0	0	24,000,000	
1044	102500	SDWWTP - HEADWORKS	2017S	F	767,076	0	767,076	0	767,076	0	0	0	0	0	0	0	0	0	0	767,076	
			2018S	F	484,738	0	484,738	0	0	484,738	0	0	0	0	0	0	0	0	0	484,738	
			2019S	F	246,651	0	246,651	0	0	0	246,651	0	0	0	0	0	0	0	0	246,651	
			EW658	A	45,845	45,845	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	810,702	14,737	795,965	795,965	0	0	0	0	0	0	0	0	0	0	0	795,965	
TOTAL - 102500					2,355,012	60,582	2,294,430	795,965	767,076	484,738	246,651	0	0	0	0	0	0	0	0	2,294,430	
1044	102501	SDWWTP - OXYGEN PRODUCTION	2017S	F	3,715,897	0	3,715,897	0	3,715,897	0	0	0	0	0	0	0	0	0	0	3,715,897	

Prepared by Capital Planning and Coordination Section



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future		
1044	102501	SDWWTP - OXYGEN PRODUCTION	2018S	F	4,090,326	0	4,090,326	0	0	4,090,326	0	0	0	0	0	0	0	0	0	4,090,326
			2019S	F	2,161,949	0	2,161,949	0	0	0	2,161,949	0	0	0	0	0	0	0	0	2,161,949
			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
			EW658	A	1,053,883	1,053,883	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,511,456	177,988	1,333,468	1,333,468	0	0	0	0	0	0	0	0	0	0	0	1,333,468
		TOTAL - 102501			14,533,511	1,231,871	13,301,640	1,333,468	3,715,897	4,090,326	2,161,949	2,000,000	0	0	0	0	0	0	0	13,301,640
1044	102502	SDWWTP - OXYGENATION TRAINS	2017S	F	3,611,119	0	3,611,119	0	3,611,119	0	0	0	0	0	0	0	0	0	0	3,611,119
			2018S	F	1,494,990	0	1,494,990	0	0	1,494,990	0	0	0	0	0	0	0	0	0	1,494,990
			2019S	F	2,289,288	0	2,289,288	0	0	0	2,289,288	0	0	0	0	0	0	0	0	2,289,288
			2020S	F	3,205,988	0	3,205,988	0	0	0	0	3,205,988	0	0	0	0	0	0	0	3,205,988
			2021S	F	4,873,710	0	4,873,710	0	0	0	0	0	4,873,710	0	0	0	0	0	0	4,873,710
			2022S	F	5,753,992	0	5,753,992	0	0	0	0	0	0	5,753,992	0	0	0	0	0	5,753,992
			EW660	A	1,014,908	0	1,014,908	1,014,908	0	0	0	0	0	0	0	0	0	0	0	1,014,908
			FUT-S	F	16,227,967	0	16,227,967	0	0	0	0	0	0	0	16,227,967	0	0	0	0	16,227,967
		TOTAL - 102502			38,471,962	0	38,471,962	1,014,908	3,611,119	1,494,990	2,289,288	3,205,988	4,873,710	5,753,992	16,227,967	0	0	0	0	38,471,962
1044	102503	SDWWTP - CHLORINE BUILDING	2017S	F	69,087	0	69,087	0	69,087	0	0	0	0	0	0	0	0	0	0	69,087
			2018S	F	148,048	0	148,048	0	0	148,048	0	0	0	0	0	0	0	0	0	148,048
			2019S	F	413,905	0	413,905	0	0	0	413,905	0	0	0	0	0	0	0	0	413,905
			2020S	F	2,266,661	0	2,266,661	0	0	0	0	2,266,661	0	0	0	0	0	0	0	2,266,661
			2021S	F	379,337	0	379,337	0	0	0	0	0	379,337	0	0	0	0	0	0	379,337



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
TOTAL - 102503					3,277,038	0	3,277,038	0	69,087	148,048	413,905	2,266,661	379,337	0	0	0	0	0	3,277,038
1044	102504	SDWWTP - EFFLUENT PUMP STATION	2017S	F	1,480,631	0	1,480,631	0	1,480,631	0	0	0	0	0	0	0	0	0	1,480,631
			2018S	F	2,054,373	0	2,054,373	0	0	2,054,373	0	0	0	0	0	0	0	0	2,054,373
			2019S	F	3,543,631	0	3,543,631	0	0	0	3,543,631	0	0	0	0	0	0	0	3,543,631
			2020S	F	5,894,887	0	5,894,887	0	0	0	0	5,894,887	0	0	0	0	0	0	5,894,887
			2021S	F	6,790,164	0	6,790,164	0	0	0	0	0	6,790,164	0	0	0	0	0	6,790,164
			2022S	F	5,500,000	0	5,500,000	0	0	0	0	0	0	5,500,000	0	0	0	0	5,500,000
			EW658	A	2,518,929	2,518,929	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	2,205,706	527,266	1,678,440	1,678,440	0	0	0	0	0	0	0	0	0	0	1,678,440
			FUT-S	F	4,499,999	0	4,499,999	0	0	0	0	0	0	0	4,499,999	0	0	0	4,499,999
TOTAL - 102504					34,488,320	3,046,196	31,442,124	1,678,440	1,480,631	2,054,373	3,543,631	5,894,887	6,790,164	5,500,000	4,499,999	0	0	0	31,442,125
1044	102505	SDWWTP - GRAVITY SLUDGE THICKENERS	2017S	F	2,501,735	0	2,501,735	0	2,501,735	0	0	0	0	0	0	0	0	0	2,501,735
			2018S	F	3,443,790	0	3,443,790	0	0	3,443,790	0	0	0	0	0	0	0	0	3,443,790
			2019S	F	5,874,406	0	5,874,406	0	0	0	5,874,406	0	0	0	0	0	0	0	5,874,406
			2020S	F	6,263,242	0	6,263,242	0	0	0	0	6,263,242	0	0	0	0	0	0	6,263,242
			2021S	F	6,500,000	0	6,500,000	0	0	0	0	0	6,500,000	0	0	0	0	0	6,500,000
			2022S	F	5,500,000	0	5,500,000	0	0	0	0	0	0	5,500,000	0	0	0	0	5,500,000
			EW660	A	1,088,393	0	1,088,393	1,088,393	0	0	0	0	0	0	0	0	0	0	1,088,393
			FUT-S	F	7,000,000	0	7,000,000	0	0	0	0	0	0	0	4,000,000	3,000,000	0	0	7,000,000
TOTAL - 102505					38,171,566	0	38,171,566	1,088,393	2,501,735	3,443,790	5,874,406	6,263,242	6,500,000	5,500,000	4,000,000	3,000,000	0	0	38,171,566



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1044	102506	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	2017S	F	2,130,791	0	2,130,791	0	2,130,791	0	0	0	0	0	0	0	0	0	0	2,130,791
			2018S	F	3,509,244	0	3,509,244	0	0	3,509,244	0	0	0	0	0	0	0	0	0	3,509,244
			2019S	F	4,397,359	0	4,397,359	0	0	0	4,397,359	0	0	0	0	0	0	0	0	4,397,359
			2020S	F	5,404,727	0	5,404,727	0	0	0	0	5,404,727	0	0	0	0	0	0	0	5,404,727
			2021S	F	6,000,000	0	6,000,000	0	0	0	0	0	6,000,000	0	0	0	0	0	0	6,000,000
			2022S	F	8,000,000	0	8,000,000	0	0	0	0	0	8,000,000	0	0	0	0	0	0	8,000,000
			EW658	A	2,398,679	2,398,679	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	3,082,093	1,717,280	1,364,813	1,364,813	0	0	0	0	0	0	0	0	0	0	0	1,364,813
			FUT-S	F	69,000,000	0	69,000,000	0	0	0	0	0	0	0	20,000,000	18,000,000	31,000,000	0	69,000,000	
		TOTAL - 102506			103,922,893	4,115,959	99,806,934	1,364,813	2,130,791	3,509,244	4,397,359	5,404,727	6,000,000	8,000,000	20,000,000	18,000,000	31,000,000	0	99,806,934	
1044	102507	SDWWTP - DEWATERING FACILITY	2017S	F	3,092,759	0	3,092,759	0	3,092,759	0	0	0	0	0	0	0	0	0	0	3,092,759
			2018S	F	4,223,454	0	4,223,454	0	0	4,223,454	0	0	0	0	0	0	0	0	0	4,223,454
			2019S	F	5,085,296	0	5,085,296	0	0	0	5,085,296	0	0	0	0	0	0	0	0	5,085,296
			2020S	F	6,500,000	0	6,500,000	0	0	0	0	6,500,000	0	0	0	0	0	0	0	6,500,000
			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
			2022S	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
			EW658	A	1,559,211	1,559,211	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	2,345,280	220,682	2,124,598	2,124,598	0	0	0	0	0	0	0	0	0	0	0	2,124,598
			FUT-S	F	7,499,999	0	7,499,999	0	0	0	0	0	0	0	4,499,999	3,000,000	0	0	0	7,499,999
		TOTAL - 102507			40,305,999	1,779,894	38,526,105	2,124,598	3,092,759	4,223,454	5,085,296	6,500,000	5,500,000	4,500,000	4,499,999	3,000,000	0	0	0	38,526,106



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future		
1044	102508	SDWWTP - FOG REMOVAL FACILITY	2017S	F	2,142,442	0	2,142,442	0	2,142,442	0	0	0	0	0	0	0	0	0	0	2,142,442
			2018S	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
			EW658	A	800,688	800,688	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,634,122	238,751	1,395,371	1,395,371	0	0	0	0	0	0	0	0	0	0	0	1,395,371
		TOTAL - 102508			5,577,252	1,039,438	4,537,814	1,395,371	2,142,442	1,000,000	0	0	0	0	0	0	0	0	0	4,537,813
1044	102509	SDWWTP - ODOR CONTROL	2017S	F	20,350	0	20,350	0	20,350	0	0	0	0	0	0	0	0	0	0	20,350
			2018S	F	516,179	0	516,179	0	0	516,179	0	0	0	0	0	0	0	0	0	516,179
			2019S	F	802,763	0	802,763	0	0	0	802,763	0	0	0	0	0	0	0	0	802,763
			2020S	F	4,018,840	0	4,018,840	0	0	0	0	4,018,840	0	0	0	0	0	0	0	4,018,840
			2021S	F	8,591,705	0	8,591,705	0	0	0	0	0	8,591,705	0	0	0	0	0	0	8,591,705
			2022S	F	2,016,863	0	2,016,863	0	0	0	0	0	0	2,016,863	0	0	0	0	0	2,016,863
		TOTAL - 102509			15,966,700	0	15,966,700	0	20,350	516,179	802,763	4,018,840	8,591,705	2,016,863	0	0	0	0	0	15,966,700
1044	102510	SDWWTP - GENERAL ELECTRICAL	2017S	F	3,366,460	0	3,366,460	0	3,366,460	0	0	0	0	0	0	0	0	0	0	3,366,460
			2018S	F	4,160,574	0	4,160,574	0	0	4,160,574	0	0	0	0	0	0	0	0	0	4,160,574
			2019S	F	3,330,363	0	3,330,363	0	0	0	3,330,363	0	0	0	0	0	0	0	0	3,330,363
			2020S	F	2,109,286	0	2,109,286	0	0	0	0	2,109,286	0	0	0	0	0	0	0	2,109,286
			2021S	F	69,351	0	69,351	0	0	0	0	0	69,351	0	0	0	0	0	0	69,351
			2022S	F	26,445	0	26,445	0	0	0	0	0	0	26,445	0	0	0	0	0	26,445
			EW660	A	1,431,014	0	1,431,014	1,431,014	0	0	0	0	0	0	0	0	0	0	0	1,431,014
		TOTAL - 102510			14,493,493	0	14,493,493	1,431,014	3,366,460	4,160,574	3,330,363	2,109,286	69,351	26,445	0	0	0	0	0	14,493,493



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS													
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1044	102511	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	2017S	F	1,052,851	0	1,052,851	0	1,052,851	0	0	0	0	0	0	0	0	0	0	0	1,052,851
			2018S	F	1,078,900	0	1,078,900	0	0	1,078,900	0	0	0	0	0	0	0	0	0	0	1,078,900
			2019S	F	1,028,944	0	1,028,944	0	0	0	1,028,944	0	0	0	0	0	0	0	0	0	1,028,944
			2020S	F	2,612,121	0	2,612,121	0	0	0	0	2,612,121	0	0	0	0	0	0	0	0	2,612,121
			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	632,268	0	632,268	632,268	0	0	0	0	0	0	0	0	0	0	0	0	632,268
		TOTAL - 102511			7,405,084	0	7,405,084	632,268	1,052,851	1,078,900	1,028,944	2,612,121	1,000,000	0	0	0	0	0	0	0	7,405,084
1044	102600	CDWWTP - ELECTRICAL IMPROVEMENTS	2017S	F	3,085,196	0	3,085,196	0	3,085,196	0	0	0	0	0	0	0	0	0	0	0	3,085,196
			2018S	F	5,855,858	0	5,855,858	0	0	5,855,858	0	0	0	0	0	0	0	0	0	0	5,855,858
			2019S	F	3,883,842	0	3,883,842	0	0	0	3,883,842	0	0	0	0	0	0	0	0	0	3,883,842
			2020S	F	3,500,000	0	3,500,000	0	0	0	0	3,500,000	0	0	0	0	0	0	0	0	3,500,000
			2021S	F	2,500,000	0	2,500,000	0	0	0	0	0	2,500,000	0	0	0	0	0	0	0	2,500,000
			EW660	A	4,033,510	2,018,333	2,015,177	2,015,177	0	0	0	0	0	0	0	0	0	0	0	0	2,015,177
		TOTAL - 102600			22,858,406	2,018,333	20,840,073	2,015,177	3,085,196	5,855,858	3,883,842	3,500,000	2,500,000	0	0	0	0	0	0	0	20,840,073
1044	102601	CDWWTP - BUILDING IMPROVEMENTS	2017S	F	653,901	0	653,901	0	653,901	0	0	0	0	0	0	0	0	0	0	0	653,901
			2018S	F	536,930	0	536,930	0	0	536,930	0	0	0	0	0	0	0	0	0	0	536,930
			2019S	F	528,943	0	528,943	0	0	0	528,943	0	0	0	0	0	0	0	0	0	528,943
			2020S	F	334,367	0	334,367	0	0	0	0	334,367	0	0	0	0	0	0	0	0	334,367
			2021S	F	230,543	0	230,543	0	0	0	0	0	230,543	0	0	0	0	0	0	0	230,543
			2022S	F	15,751	0	15,751	0	0	0	0	0	0	15,751	0	0	0	0	0	0	15,751

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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future			
1044	102601	CDWWTP - BUILDING IMPROVEMENTS	EW658	A	227,628	227,628	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	1,938,809	281,469	1,657,340	1,657,340	0	0	0	0	0	0	0	0	0	0	0	0	1,657,340
			TOTAL - 102601		4,466,872	509,097	3,957,775	1,657,340	653,901	536,930	528,943	334,367	230,543	15,751	0	0	0	0	0	0	3,957,775
1044	102602	HEADWORKS PLANT 1	2017S	F	3,511,896	0	3,511,896	0	3,511,896	0	0	0	0	0	0	0	0	0	0	3,511,896	
			2018S	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	
			EW658	A	3,265,046	3,265,046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	7,401,823	1,765,632	5,636,191	5,636,191	0	0	0	0	0	0	0	0	0	0	0	0	5,636,191
			TOTAL - 102602		15,178,765	5,030,679	10,148,086	5,636,191	3,511,896	1,000,000	0	0	0	0	0	0	0	0	0	0	10,148,087
1044	102603	CDWWTP - HEADWORKS PLANT 2	2017S	F	3,708,939	0	3,708,939	0	3,708,939	0	0	0	0	0	0	0	0	0	0	3,708,939	
			2018S	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	
			EW660	A	3,684,195	0	3,684,195	3,684,195	0	0	0	0	0	0	0	0	0	0	0	3,684,195	
			TOTAL - 102603		9,393,134	0	9,393,134	3,684,195	3,708,939	2,000,000	0	0	0	0	0	0	0	0	0	0	9,393,134
1044	102604	CDWWTP - OXYGENATION TRAINS PLANT 1	2017S	F	4,710,792	0	4,710,792	0	4,710,792	0	0	0	0	0	0	0	0	0	0	4,710,792	
			2018S	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	
			EW658	A	137,483	137,483	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	3,379,656	0	3,379,656	3,379,656	0	0	0	0	0	0	0	0	0	0	0	3,379,656	
			TOTAL - 102604		10,227,931	137,483	10,090,448	3,379,656	4,710,792	2,000,000	0	0	0	0	0	0	0	0	0	0	10,090,448
1044	102605	CDWWTP - OXYGENATION TRAINS PLANT 2	2017S	F	2,181,526	0	2,181,526	0	2,181,526	0	0	0	0	0	0	0	0	0	0	2,181,526	
			2018S	F	3,199,895	0	3,199,895	0	0	3,199,895	0	0	0	0	0	0	0	0	0	3,199,895	
			2019S	F	5,017,265	0	5,017,265	0	0	0	5,017,265	0	0	0	0	0	0	0	0	5,017,265	

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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS													
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1044	102605	CDWWTP - OXYGENATION TRAINS PLANT 2	2020S	F	4,160,654	0	4,160,654	0	0	0	0	4,160,654	0	0	0	0	0	0	0	4,160,654	
			2021S	F	3,800,000	0	3,800,000	0	0	0	0	3,800,000	0	0	0	0	0	0	0	0	3,800,000
			2022S	F	3,500,000	0	3,500,000	0	0	0	0	0	3,500,000	0	0	0	0	0	0	0	3,500,000
			EW658	A	4,150,692	4,150,692	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	2,068,275	970,533	1,097,742	1,097,742	0	0	0	0	0	0	0	0	0	0	0	0	1,097,742
			FUT-S	F	2,700,000	0	2,700,000	0	0	0	0	0	0	0	2,700,000	0	0	0	0	0	2,700,000
			TOTAL - 102605					30,778,307	5,121,225	25,657,082	1,097,742	2,181,526	3,199,895	5,017,265	4,160,654	3,800,000	3,500,000	2,700,000	0	0	0
1044	102606	CDWWTP - SECONDARY CLARIFIERS PLANT 1	2017S	F	177,312	0	177,312	0	177,312	0	0	0	0	0	0	0	0	0	0	177,312	
			2018S	F	452,236	0	452,236	0	0	452,236	0	0	0	0	0	0	0	0	0	0	452,236
			2019S	F	1,123,350	0	1,123,350	0	0	1,123,350	0	0	0	0	0	0	0	0	0	0	1,123,350
			2020S	F	2,136,477	0	2,136,477	0	0	0	2,136,477	0	0	0	0	0	0	0	0	0	2,136,477
			2021S	F	3,392,598	0	3,392,598	0	0	0	0	3,392,598	0	0	0	0	0	0	0	0	3,392,598
			2022S	F	4,713,374	0	4,713,374	0	0	0	0	0	4,713,374	0	0	0	0	0	0	0	4,713,374
			FUT-S	F	6,332,622	0	6,332,622	0	0	0	0	0	0	0	3,031,417	3,301,205	0	0	0	0	6,332,622
			TOTAL - 102606					18,327,969	0	18,327,969	0	177,312	452,236	1,123,350	2,136,477	3,392,598	4,713,374	3,031,417	3,301,205	0	0
1044	102607	CDWWTP - SECONDARY CLARIFIERS PLANT 2	2017S	F	1,383,085	0	1,383,085	0	1,383,085	0	0	0	0	0	0	0	0	0	0	1,383,085	
			2018S	F	3,626,233	0	3,626,233	0	0	3,626,233	0	0	0	0	0	0	0	0	0	0	3,626,233
			2019S	F	4,559,935	0	4,559,935	0	0	4,559,935	0	0	0	0	0	0	0	0	0	0	4,559,935
			2020S	F	6,244,996	0	6,244,996	0	0	0	6,244,996	0	0	0	0	0	0	0	0	0	6,244,996
			2021S	F	7,109,818	0	7,109,818	0	0	0	0	7,109,818	0	0	0	0	0	0	0	0	7,109,818



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS														
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total			
1044	102607	CDWWTP - SECONDARY CLARIFIERS PLANT 2	2022S	F	6,140,695	0	6,140,695	0	0	0	0	0	0	6,140,695	0	0	0	0	0	6,140,695		
			EW660	A	1,083,605	0	1,083,605	1,083,605	0	0	0	0	0	0	0	0	0	0	0	0	1,083,605	
			FUT-S	F	10,000,000	0	10,000,000	0	0	0	0	0	0	0	5,500,000	4,500,000	0	0	0	0	10,000,000	
			TOTAL - 102607					40,148,367	0	40,148,367	1,083,605	1,383,085	3,626,233	4,559,935	6,244,996	7,109,818	6,140,695	5,500,000	4,500,000	0	0	40,148,367
1044	102608	CDWWTP - RS PUMP STATIONS PLANT 1	2017S	F	134,720	0	134,720	0	134,720	0	0	0	0	0	0	0	0	0	0	0	134,720	
			2018S	F	343,605	0	343,605	0	0	343,605	0	0	0	0	0	0	0	0	0	0	0	343,605
			2019S	F	838,642	0	838,642	0	0	838,642	0	0	0	0	0	0	0	0	0	0	0	838,642
			2020S	F	2,312,579	0	2,312,579	0	0	0	2,312,579	0	0	0	0	0	0	0	0	0	0	2,312,579
			2021S	F	3,955,599	0	3,955,599	0	0	0	0	3,955,599	0	0	0	0	0	0	0	0	0	3,955,599
			2022S	F	3,462,320	0	3,462,320	0	0	0	0	0	3,462,320	0	0	0	0	0	0	0	0	3,462,320
			FUT-S	F	2,482,281	0	2,482,281	0	0	0	0	0	0	0	2,254,477	227,804	0	0	0	0	2,482,281	
			TOTAL - 102608					13,529,746	0	13,529,746	0	134,720	343,605	838,642	2,312,579	3,955,599	3,462,320	2,254,477	227,804	0	0	13,529,746
1044	102609	CDWWTP - RS PUMP STATIONS PLANT 2	2017S	F	1,589,727	0	1,589,727	0	1,589,727	0	0	0	0	0	0	0	0	0	0	0	1,589,727	
			2018S	F	1,859,331	0	1,859,331	0	0	1,859,331	0	0	0	0	0	0	0	0	0	0	0	1,859,331
			2019S	F	2,060,152	0	2,060,152	0	0	2,060,152	0	0	0	0	0	0	0	0	0	0	0	2,060,152
			2020S	F	2,128,872	0	2,128,872	0	0	0	2,128,872	0	0	0	0	0	0	0	0	0	0	2,128,872
			2021S	F	2,132,125	0	2,132,125	0	0	0	0	2,132,125	0	0	0	0	0	0	0	0	0	2,132,125
			2022S	F	2,307,204	0	2,307,204	0	0	0	0	0	2,307,204	0	0	0	0	0	0	0	0	2,307,204
			EW660	A	2,619,179	981,473	1,637,706	1,637,706	0	0	0	0	0	0	0	0	0	0	0	0	0	1,637,706
			TOTAL - 102609					14,696,590	981,473	13,715,117	1,637,706	1,589,727	1,859,331	2,060,152	2,128,872	2,132,125	2,307,204	0	0	0	0	0

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total			
1044	102610	CDWWTP - EFFLUENT PUMP STATION	2017S	F	1,396,799	0	1,396,799	0	1,396,799	0	0	0	0	0	0	0	0	0	0	0	1,396,799	
			2018S	F	5,702,217	0	5,702,217	0	0	5,702,217	0	0	0	0	0	0	0	0	0	0	0	5,702,217
			2019S	F	4,420,652	0	4,420,652	0	0	0	4,420,652	0	0	0	0	0	0	0	0	0	0	4,420,652
			2020S	F	2,500,000	0	2,500,000	0	0	0	0	2,500,000	0	0	0	0	0	0	0	0	0	2,500,000
			2021S	F	1,500,000	0	1,500,000	0	0	0	0	0	1,500,000	0	0	0	0	0	0	0	0	1,500,000
			EW660	A	720,822	0	720,822	720,822	0	0	0	0	0	0	0	0	0	0	0	0	0	720,822
			TOTAL - 102610					16,240,490	0	16,240,490	720,822	1,396,799	5,702,217	4,420,652	2,500,000	1,500,000	0	0	0	0	0	0
1044	102611	CDWWTP - SLUDGE THICKENERS PLANT 1	2017S	F	1,475,333	0	1,475,333	0	1,475,333	0	0	0	0	0	0	0	0	0	0	0	1,475,333	
			2018S	F	3,524,139	0	3,524,139	0	0	3,524,139	0	0	0	0	0	0	0	0	0	0	0	3,524,139
			2019S	F	5,269,591	0	5,269,591	0	0	0	5,269,591	0	0	0	0	0	0	0	0	0	0	5,269,591
			2020S	F	6,500,000	0	6,500,000	0	0	0	0	6,500,000	0	0	0	0	0	0	0	0	0	6,500,000
			2021S	F	4,500,000	0	4,500,000	0	0	0	0	0	4,500,000	0	0	0	0	0	0	0	0	4,500,000
			2022S	F	3,500,000	0	3,500,000	0	0	0	0	0	0	3,500,000	0	0	0	0	0	0	0	3,500,000
			EW660	A	836,165	0	836,165	836,165	0	0	0	0	0	0	0	0	0	0	0	0	0	836,165
			FUT-S	F	3,500,000	0	3,500,000	0	0	0	0	0	0	0	0	3,500,000	0	0	0	0	0	3,500,000
TOTAL - 102611					29,105,228	0	29,105,228	836,165	1,475,333	3,524,139	5,269,591	6,500,000	4,500,000	3,500,000	3,500,000	0	0	0	0	29,105,228		
1044	102612	CDWWTP - SLUDGE THICKENERS PLANT 2	2017S	F	2,301,202	0	2,301,202	0	2,301,202	0	0	0	0	0	0	0	0	0	0	0	2,301,202	
			2018S	F	3,855,102	0	3,855,102	0	0	3,855,102	0	0	0	0	0	0	0	0	0	0	0	3,855,102
			2019S	F	5,834,400	0	5,834,400	0	0	0	5,834,400	0	0	0	0	0	0	0	0	0	0	5,834,400
			2020S	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



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1044	102612	CDWWTP - SLUDGE THICKENERS PLANT 2	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
			2022S	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
			EW660	A	1,215,443	0	1,215,443	1,215,443	0	0	0	0	0	0	0	0	0	0	0	1,215,443
		TOTAL - 102612			30,206,147	0	30,206,147	1,215,443	2,301,202	3,855,102	5,834,400	7,000,000	5,500,000	4,500,000	0	0	0	0	0	30,206,147
1044	102613	CDWWTP - DIGESTERS PLANT 1	2017S	F	47,316	0	47,316	0	47,316	0	0	0	0	0	0	0	0	0	0	47,316
			2018S	F	202,522	0	202,522	0	0	202,522	0	0	0	0	0	0	0	0	0	202,522
			2019S	F	463,339	0	463,339	0	0	0	463,339	0	0	0	0	0	0	0	0	463,339
			2020S	F	1,887,245	0	1,887,245	0	0	0	0	1,887,245	0	0	0	0	0	0	0	1,887,245
			2021S	F	2,847,396	0	2,847,396	0	0	0	0	0	2,847,396	0	0	0	0	0	0	2,847,396
			2022S	F	1,643,686	0	1,643,686	0	0	0	0	0	0	1,643,686	0	0	0	0	0	1,643,686
			EW660	A	400,158	0	400,158	400,158	0	0	0	0	0	0	0	0	0	0	0	400,158
			FUT-S	F	386,639	0	386,639	0	0	0	0	0	0	0	386,639	0	0	0	0	386,639
		TOTAL - 102613			7,878,301	0	7,878,301	400,158	47,316	202,522	463,339	1,887,245	2,847,396	1,643,686	386,639	0	0	0	0	7,878,301
1044	102614	CDWWTP - DIGESTERS PLANT 2	2017S	F	5,870,951	0	5,870,951	0	5,870,951	0	0	0	0	0	0	0	0	0	0	5,870,951
			2018S	F	2,825,506	0	2,825,506	0	0	2,825,506	0	0	0	0	0	0	0	0	0	2,825,506
			2019S	F	3,446,826	0	3,446,826	0	0	0	3,446,826	0	0	0	0	0	0	0	0	3,446,826
			2020S	F	5,493,842	0	5,493,842	0	0	0	0	5,493,842	0	0	0	0	0	0	0	5,493,842
			2021S	F	6,089,916	0	6,089,916	0	0	0	0	0	6,089,916	0	0	0	0	0	0	6,089,916
			2022S	F	7,500,000	0	7,500,000	0	0	0	0	0	0	7,500,000	0	0	0	0	0	7,500,000
			EW621	A	3,833,509	3,833,509	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future					
1044	102614	CDWWTP - DIGESTERS PLANT 2	EW658	A	3,373,914	3,373,914	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
			EW660	A	5,420,644	720,963	4,699,681	4,699,681	0	0	0	0	0	0	0	0	0	0	0	0	4,699,681		
			FUT-S	F	88,500,000	0	88,500,000	0	0	0	0	0	0	0	30,000,000	19,000,000	39,500,000	0	0	0	88,500,000		
		TOTAL - 102614					132,355,108	7,928,386	124,426,722	4,699,681	5,870,951	2,825,506	3,446,826	5,493,842	6,089,916	7,500,000	30,000,000	19,000,000	39,500,000	0	124,426,722		
1044	102615	CDWWTP - DEWATERING BUILDING	2017S	F	3,636,829	0	3,636,829	0	3,636,829	0	0	0	0	0	0	0	0	0	0	0	3,636,829		
			2018S	F	3,258,199	0	3,258,199	0	0	3,258,199	0	0	0	0	0	0	0	0	0	0	0	3,258,199	
			2019S	F	5,610,577	0	5,610,577	0	0	0	5,610,577	0	0	0	0	0	0	0	0	0	0	5,610,577	
			2020S	F	6,567,739	0	6,567,739	0	0	0	6,567,739	0	0	0	0	0	0	0	0	0	0	6,567,739	
			2021S	F	6,500,000	0	6,500,000	0	0	0	0	0	6,500,000	0	0	0	0	0	0	0	0	6,500,000	
			2022S	F	6,500,000	0	6,500,000	0	0	0	0	0	0	6,500,000	0	0	0	0	0	0	0	6,500,000	
			EW658	A	1,484,576	1,484,576	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	1,727,062	203,717	1,523,345	1,523,345	0	0	0	0	0	0	0	0	0	0	0	0	0	1,523,345	
			FUT-S	F	10,000,000	0	10,000,000	0	0	0	0	0	0	0	0	10,000,000	0	0	0	0	0	0	10,000,000
			TOTAL - 102615					45,284,982	1,688,293	43,596,689	1,523,345	3,636,829	3,258,199	5,610,577	6,567,739	6,500,000	6,500,000	10,000,000	0	0	0	0	43,596,689
1044	102616	CDWWTP - CHLORINATION FACILITIES	2017S	F	4,566,939	0	4,566,939	0	4,566,939	0	0	0	0	0	0	0	0	0	0	0	4,566,939		
			2018S	F	2,000,000	0	2,000,000	0	0	2,000,000	0	0	0	0	0	0	0	0	0	0	0	2,000,000	
			EW658	A	2,165,850	2,165,850	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	13,035,440	3,004,485	10,030,955	10,030,955	0	0	0	0	0	0	0	0	0	0	0	0	0	10,030,955	
TOTAL - 102616					21,768,229	5,170,334	16,597,895	10,030,955	4,566,939	2,000,000	0	0	0	0	0	0	0	0	0	16,597,894			
1044	102617	CDWWTP - ODOR CONTROL SYSTEMS	2017S	F	4,122,942	0	4,122,942	0	4,122,942	0	0	0	0	0	0	0	0	0	0	4,122,942			

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1044	102617	CDWWTP - ODOR CONTROL SYSTEMS	2018S	F	6,362,291	0	6,362,291	0	0	6,362,291	0	0	0	0	0	0	0	0	0	0	6,362,291
			2019S	F	1,595,075	0	1,595,075	0	0	0	1,595,075	0	0	0	0	0	0	0	0	0	1,595,075
			2020S	F	103,930	0	103,930	0	0	0	0	103,930	0	0	0	0	0	0	0	0	103,930
			EW660	A	1,215,943	0	1,215,943	1,215,943	0	0	0	0	0	0	0	0	0	0	0	0	1,215,943
		TOTAL - 102617			13,400,181	0	13,400,181	1,215,943	4,122,942	6,362,291	1,595,075	103,930	0	0	0	0	0	0	0	0	13,400,181
1044	102618	CDWWTP - CO-GEN FACILITY	2017S	F	4,422,132	0	4,422,132	0	4,422,132	0	0	0	0	0	0	0	0	0	0	0	4,422,132
			2018S	F	2,042,212	0	2,042,212	0	0	2,042,212	0	0	0	0	0	0	0	0	0	0	2,042,212
			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	4,500,000	0	4,500,000	0	0	0	0	4,500,000	0	0	0	0	0	0	0	0	4,500,000
			2021S	F	3,500,000	0	3,500,000	0	0	0	0	0	3,500,000	0	0	0	0	0	0	0	3,500,000
			2022S	F	2,500,002	0	2,500,002	0	0	0	0	0	0	2,500,002	0	0	0	0	0	0	2,500,002
			EW621	A	5,370,552	5,370,552	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	4,939	4,939	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	4,847,477	1,286,714	3,560,764	3,560,763	0	0	0	0	0	0	0	0	0	0	0	0	3,560,763
			FUT-S	F	15,000,000	0	15,000,000	0	0	0	0	0	0	0	0	15,000,000	0	0	0	0	15,000,000
		TOTAL - 102618			45,687,314	6,662,204	39,025,110	3,560,763	4,422,132	2,042,212	3,500,000	4,500,000	3,500,000	2,500,002	15,000,000	0	0	0	0	0	39,025,109
1044	102620	CDWWTP - PUMP STATION 1	2017S	F	953,995	0	953,995	0	953,995	0	0	0	0	0	0	0	0	0	0	0	953,995
			2018S	F	5,222,976	0	5,222,976	0	0	5,222,976	0	0	0	0	0	0	0	0	0	0	5,222,976
			2019S	F	4,326,621	0	4,326,621	0	0	0	4,326,621	0	0	0	0	0	0	0	0	0	4,326,621
			2020S	F	2,000,000	0	2,000,000	0	0	0	0	2,000,000	0	0	0	0	0	0	0	0	2,000,000



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1044	102620	CDWWTP - PUMP STATION 1	EW658	A	349,540	349,540	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,459,761	302,962	1,156,799	1,156,799	0	0	0	0	0	0	0	0	0	0	0	1,156,799
		TOTAL - 102620			14,312,893	652,503	13,660,390	1,156,799	953,995	5,222,976	4,326,621	2,000,000	0	0	0	0	0	0	0	13,660,391
1044	102621	CDWWTP - PUMP STATION 2	2017S	F	2,946,742	0	2,946,742	0	2,946,742	0	0	0	0	0	0	0	0	0	0	2,946,742
			EW658	A	558,888	558,888	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	5,783,652	405,845	5,377,807	5,377,807	0	0	0	0	0	0	0	0	0	0	0	5,377,807
		TOTAL - 102621			9,289,282	964,732	8,324,550	5,377,807	2,946,742	0	0	0	0	0	0	0	0	0	0	8,324,549
1044	102622	CDWWTP - O2 PLANT PROCESS CONTROLS PHASE 2	EW658	A	302,504	302,504	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	814,190	299,618	514,572	514,572	0	0	0	0	0	0	0	0	0	0	0	514,572
		TOTAL - 102622			1,116,694	602,122	514,572	514,572	0	0	0	0	0	0	0	0	0	0	0	514,572
1044	102623	CDWWTP - GAS MONITORING	2017S	F	53,026	0	53,026	0	53,026	0	0	0	0	0	0	0	0	0	0	53,026
			EW658	A	179,345	179,345	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	883,890	31,122	852,768	852,768	0	0	0	0	0	0	0	0	0	0	0	852,768
		TOTAL - 102623			1,116,261	210,467	905,794	852,768	53,026	0	0	0	0	0	0	0	0	0	0	905,794
1044	102624	CDWWTP -VENTILATION IMPROVEMENTS	2017S	F	1,010,318	0	1,010,318	0	1,010,318	0	0	0	0	0	0	0	0	0	0	1,010,318
			2018S	F	1,377,377	0	1,377,377	0	0	1,377,377	0	0	0	0	0	0	0	0	0	1,377,377
			2019S	F	1,735,823	0	1,735,823	0	0	0	1,735,823	0	0	0	0	0	0	0	0	1,735,823
			2020S	F	1,657,940	0	1,657,940	0	0	0	0	1,657,940	0	0	0	0	0	0	0	1,657,940
			2021S	F	1,228,237	0	1,228,237	0	0	0	0	0	1,228,237	0	0	0	0	0	0	1,228,237
			2022S	F	917,864	0	917,864	0	0	0	0	0	0	917,865	0	0	0	0	0	917,865

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1044	102624	CDWWTP -VENTILATION IMPROVEMENTS	EW660	A	701,382	0	701,382	701,382	0	0	0	0	0	0	0	0	0	0	0	701,382
			FUT-S	F	866,659	0	866,659	0	0	0	0	0	0	0	866,659	0	0	0	0	866,659
		TOTAL - 102624			9,495,600	0	9,495,600	701,382	1,010,318	1,377,377	1,735,823	1,657,940	1,228,237	917,865	866,659	0	0	0	0	9,495,601
1044	102626	CDWWTP - OXYGEN PRODUCTION	2017S	F	3,591,728	0	3,591,728	0	3,591,728	0	0	0	0	0	0	0	0	0	0	3,591,728
			2018S	F	2,005,034	0	2,005,034	0	0	2,005,034	0	0	0	0	0	0	0	0	0	2,005,034
			2019S	F	3,549,109	0	3,549,109	0	0	0	3,549,109	0	0	0	0	0	0	0	0	3,549,109
			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	5,100,001	0	5,100,001	0	0	0	0	0	5,100,001	0	0	0	0	0	0	5,100,001
			2022S	F	6,000,001	0	6,000,001	0	0	0	0	0	0	6,000,001	0	0	0	0	0	6,000,001
			EW658	A	742,553	742,553	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	2,019,297	8,504	2,010,793	2,010,793	0	0	0	0	0	0	0	0	0	0	0	2,010,793
			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 - 102626			37,507,723	751,056	36,756,667	2,010,793	3,591,728	2,005,034	3,549,109	4,500,000	5,100,001	6,000,001	10,000,000	0	0	0	0	36,756,666
1044	102628	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	2017S	F	12,597,218	0	12,597,218	0	12,597,218	0	0	0	0	0	0	0	0	0	0	12,597,218
			2018S	F	9,025,615	0	9,025,615	0	0	9,025,615	0	0	0	0	0	0	0	0	0	9,025,615
			2019S	F	9,832,711	0	9,832,711	0	0	0	9,832,711	0	0	0	0	0	0	0	0	9,832,711
			2020S	F	9,967,316	0	9,967,316	0	0	0	0	9,967,316	0	0	0	0	0	0	0	9,967,316
			2021S	F	9,929,763	0	9,929,763	0	0	0	0	0	9,929,763	0	0	0	0	0	0	9,929,763
			2022S	F	9,857,611	0	9,857,611	0	0	0	0	0	0	9,857,611	0	0	0	0	0	9,857,611



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future			
1044	102628	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	EW658	A	19,031,425	19,031,425	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	22,980,353	7,620,998	15,359,355	15,359,355	0	0	0	0	0	0	0	0	0	0	0	0	15,359,355
			FUT-S	F	42,000,000	0	42,000,000	0	0	0	0	0	0	11,500,000	30,500,000	0	0	0	0	0	42,000,000
		TOTAL - 102628			145,222,012	26,652,423	118,569,589	15,359,355	12,597,218	9,025,615	9,832,711	9,967,316	9,929,763	9,857,611	11,500,000	30,500,000	0	0	0	0	118,569,589
1044	102700	NDWWTP - HEADWORKS AND SLUDGE DEGRITTING TRANSFER	2017S	F	6,793,004	0	6,793,004	0	6,793,004	0	0	0	0	0	0	0	0	0	0	0	6,793,004
			2018S	F	4,000,000	0	4,000,000	0	0	4,000,000	0	0	0	0	0	0	0	0	0	0	4,000,000
			EW621	A	5,572,916	5,572,916	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	2,557,185	2,557,185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	15,908,654	5,905,940	10,002,714	10,002,714	0	0	0	0	0	0	0	0	0	0	0	0	10,002,714
		TOTAL - 102700			34,831,759	14,036,040	20,795,719	10,002,714	6,793,004	4,000,000	0	0	0	0	0	0	0	0	0	0	20,795,718
1044	102701	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	2017S	F	3,320,187	0	3,320,187	0	3,320,187	0	0	0	0	0	0	0	0	0	0	0	3,320,187
			2018S	F	2,538,692	0	2,538,692	0	0	2,538,692	0	0	0	0	0	0	0	0	0	0	2,538,692
			2019S	F	3,284,011	0	3,284,011	0	0	0	3,284,011	0	0	0	0	0	0	0	0	0	3,284,011
			2020S	F	4,384,727	0	4,384,727	0	0	0	0	4,384,727	0	0	0	0	0	0	0	0	4,384,727
			2021S	F	5,500,000	0	5,500,000	0	0	0	0	0	5,500,000	0	0	0	0	0	0	0	5,500,000
			2022S	F	6,000,000	0	6,000,000	0	0	0	0	0	0	6,000,000	0	0	0	0	0	0	6,000,000
			EW658	A	926,759	926,759	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	3,729,548	1,527,497	2,202,051	2,202,051	0	0	0	0	0	0	0	0	0	0	0	0	2,202,051

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1044	102701	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	FUT-S	F	38,200,002	0	38,200,002	0	0	0	0	0	0	0	10,200,001	28,000,001	0	0	38,200,002	
TOTAL - 102701					67,883,926	2,454,255	65,429,671	2,202,051	3,320,187	2,538,692	3,284,011	4,384,727	5,500,000	6,000,000	10,200,001	28,000,001	0	0	65,429,670	
1044	102702	NDWWTP - OXYGENATION TRAINS	2018S	F	733,140	0	733,140	0	0	733,140	0	0	0	0	0	0	0	0	733,140	
			2019S	F	2,162,509	0	2,162,509	0	0	0	2,162,509	0	0	0	0	0	0	0	2,162,509	
			2020S	F	3,863,194	0	3,863,194	0	0	0	0	3,863,194	0	0	0	0	0	0	3,863,194	
			2021S	F	5,069,946	0	5,069,946	0	0	0	0	0	5,069,946	0	0	0	0	0	5,069,946	
			2022S	F	7,935,659	0	7,935,659	0	0	0	0	0	7,935,659	0	0	0	0	0	7,935,659	
			FUT-S	F	45,687,340	0	45,687,340	0	0	0	0	0	0	0	45,687,340	0	0	0	45,687,340	
TOTAL - 102702					65,451,788	0	65,451,788	0	0	733,140	2,162,509	3,863,194	5,069,946	7,935,659	45,687,340	0	0	0	65,451,788	
1044	102703	NDWWTP - OXYGEN PRODUCTION	2017S	F	471,418	0	471,418	0	471,418	0	0	0	0	0	0	0	0	0	471,418	
			2018S	F	643,221	0	643,221	0	0	643,221	0	0	0	0	0	0	0	0	643,221	
			2019S	F	931,593	0	931,593	0	0	0	931,593	0	0	0	0	0	0	0	931,593	
			2020S	F	8,901,881	0	8,901,881	0	0	0	0	8,901,881	0	0	0	0	0	0	8,901,881	
			2021S	F	5,942,344	0	5,942,344	0	0	0	0	5,942,344	0	0	0	0	0	0	5,942,344	
			2022S	F	1,795,843	0	1,795,843	0	0	0	0	0	1,795,843	0	0	0	0	0	1,795,843	
			EW660	A	44,700	0	44,700	44,700	0	0	0	0	0	0	0	0	0	0	44,700	
TOTAL - 102703					18,731,000	0	18,731,000	44,700	471,418	643,221	931,593	8,901,881	5,942,344	1,795,843	0	0	0	0	18,731,000	
1044	102704	NDWWTP - SECONDARY CLARIFIERS	2017S	F	1,226,010	0	1,226,010	0	1,226,010	0	0	0	0	0	0	0	0	0	1,226,010	
			2018S	F	3,064,488	0	3,064,488	0	0	3,064,488	0	0	0	0	0	0	0	0	3,064,488	



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future			
1044	102704	NDWWTP - SECONDARY CLARIFIERS	2019S	F	4,024,636	0	4,024,636	0	0	0	4,024,636	0	0	0	0	0	0	0	0	0	4,024,636
			2020S	F	6,797,782	0	6,797,782	0	0	0	0	6,797,782	0	0	0	0	0	0	0	0	6,797,782
			2021S	F	7,397,313	0	7,397,313	0	0	0	0	0	7,397,313	0	0	0	0	0	0	0	7,397,313
			2022S	F	6,293,745	0	6,293,745	0	0	0	0	0	0	6,293,745	0	0	0	0	0	0	6,293,745
			EW621	A	10,895,283	10,895,283	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	5,158,527	0	5,158,527	5,158,527	0	0	0	0	0	0	0	0	0	0	0	0	5,158,527
			FUT-S	F	9,445,247	0	9,445,247	0	0	0	0	0	0	0	4,386,119	4,672,012	387,116	0	0	0	9,445,247
		TOTAL - 102704			54,303,031	10,895,283	43,407,748	5,158,527	1,226,010	3,064,488	4,024,636	6,797,782	7,397,313	6,293,745	4,386,119	4,672,012	387,116	0	0	0	43,407,748
1044	102705	NDWWTP - DISINFECTION	2017S	F	3,326,238	0	3,326,238	0	3,326,238	0	0	0	0	0	0	0	0	0	0	0	3,326,238
			2018S	F	4,052,969	0	4,052,969	0	0	4,052,969	0	0	0	0	0	0	0	0	0	0	4,052,969
			2019S	F	5,529,766	0	5,529,766	0	0	0	5,529,766	0	0	0	0	0	0	0	0	0	5,529,766
			2020S	F	5,000,000	0	5,000,000	0	0	0	0	5,000,000	0	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	0	5,000,000
			2022S	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
			EW643	A	85,850	85,850	0	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	0
			EW658	A	543,665	543,665	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,879,615	476,947	1,402,668	1,402,668	0	0	0	0	0	0	0	0	0	0	0	0	1,402,668
			FUT-S	F	4,000,002	0	4,000,002	0	0	0	0	0	0	0	4,000,002	0	0	0	0	0	4,000,002
		TOTAL - 102705			36,771,744	3,460,100	33,311,644	1,402,668	3,326,238	4,052,969	5,529,766	5,000,000	5,000,000	5,000,000	4,000,002	0	0	0	0	0	33,311,643



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total			
1044	102706	NDWWTP - EFFLUENT DISPOSAL	2017S	F	1,523,541	0	1,523,541	0	1,523,541	0	0	0	0	0	0	0	0	0	0	1,523,541		
			2018S	F	1,580,004	0	1,580,004	0	0	1,580,004	0	0	0	0	0	0	0	0	0	0	1,580,004	
			2019S	F	943,580	0	943,580	0	943,580	0	0	0	0	0	0	0	0	0	0	0	943,580	
			EW658	A	4,057,539	4,057,539	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	640,635	67,352	573,283	573,283	0	0	0	0	0	0	0	0	0	0	0	0	573,283	
TOTAL - 102706					8,745,299	4,124,891	4,620,408	573,283	1,523,541	1,580,004	943,580	0	0	0	0	0	0	0	0	4,620,408		
1044	102707	NDWWTP - PLANT WIDE ELECTRICAL	2017S	F	1,276,155	0	1,276,155	0	1,276,155	0	0	0	0	0	0	0	0	0	0	1,276,155		
			2018S	F	1,515,157	0	1,515,157	0	0	1,515,157	0	0	0	0	0	0	0	0	0	0	1,515,157	
			2019S	F	1,326,316	0	1,326,316	0	0	0	1,326,316	0	0	0	0	0	0	0	0	0	1,326,316	
			2020S	F	895,803	0	895,803	0	895,803	0	895,803	0	0	0	0	0	0	0	0	0	0	895,803
			2021S	F	674,587	0	674,587	0	674,587	0	0	674,587	0	0	0	0	0	0	0	0	674,587	
			2022S	F	702,147	0	702,147	0	702,147	0	0	0	702,147	0	0	0	0	0	0	0	702,147	
			EW660	A	738,289	0	738,289	738,289	0	0	0	0	0	0	0	0	0	0	0	0	0	738,289
TOTAL - 102707					7,128,454	0	7,128,454	738,289	1,276,155	1,515,157	1,326,316	895,803	674,587	702,147	0	0	0	0	0	7,128,454		
1044	102708	NDWWTP - FLOOD MITIGATION	EW658	A	640,981	640,981	0	0	0	0	0	0	0	0	0	0	0	0	0			
			EW660	A	25,256	25,256	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
			TOTAL - 102708					666,237	666,237	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL - 1044					1,353,074,600	111,991,558	1,241,083,042	103,349,833	112,018,315	112,609,565	114,973,819	143,615,096	139,104,453	122,083,203	208,240,619	114,201,022	70,887,116	0	1,241,083,041			
1045	102800	COLLECTION SYSTEM I/I REPAIRS	2017S	F	8,783,770	0	8,783,770	0	8,783,770	0	0	0	0	0	0	0	0	0	8,783,770			
			2018S	F	6,052,778	0	6,052,778	0	0	6,052,778	0	0	0	0	0	0	0	0	0	0	6,052,778	

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future		
1045	102800	COLLECTION SYSTEM I/I REPAIRS	2019S	F	6,100,000	0	6,100,000	0	0	0	6,100,000	0	0	0	0	0	0	0	0	6,100,000
			2020S	F	6,100,000	0	6,100,000	0	0	0	0	6,100,000	0	0	0	0	0	0	0	6,100,000
			2021S	F	6,100,000	0	6,100,000	0	0	0	0	0	6,100,000	0	0	0	0	0	0	6,100,000
			2022S	F	6,100,000	0	6,100,000	0	0	0	0	0	0	6,100,000	0	0	0	0	0	6,100,000
			EW658	A	9,040,222	9,040,222	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	31,758,523	6,790,873	24,967,650	24,967,650	0	0	0	0	0	0	0	0	0	0	0	24,967,650
			FUT-S	F	51,287,414	0	51,287,414	0	0	0	0	0	0	0	9,050,476	11,009,687	31,227,251	0	0	51,287,414
		TOTAL - 102800			131,322,707	15,831,096	115,491,611	24,967,650	8,783,770	6,052,778	6,100,000	6,100,000	6,100,000	6,100,000	9,050,476	11,009,687	31,227,251	0	0	115,491,612
1045	102802	GOVERNMENT CUT FM - PHASE 3	EW623	A	31,157,308	8,985,047	22,172,261	22,172,261	0	0	0	0	0	0	0	0	0	0	0	22,172,261
			EW658	A	54,928,925	54,928,925	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	4,500,393	4,500,393	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 102802			90,586,626	68,414,365	22,172,261	22,172,261	0	0	0	0	0	0	0	0	0	0	0	22,172,261
1045	102803	NORTH DADE 72 INCH PCCP FM REHABILITATION	EW621	A	680,720	680,720	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	14,712,034	14,712,034	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	6,594,373	2,600,428	3,993,945	3,993,945	0	0	0	0	0	0	0	0	0	0	0	3,993,945
		TOTAL - 102803			21,987,127	17,993,182	3,993,945	3,993,945	0	0	0	0	0	0	0	0	0	0	0	3,993,945
1045	102804	SOUTH DADE 54 INCH PCCP FM REHABILITATION	2017S	F	3,744,029	0	3,744,029	0	3,744,029	0	0	0	0	0	0	0	0	0	0	3,744,029
			2018S	F	2,500,000	0	2,500,000	0	0	2,500,000	0	0	0	0	0	0	0	0	0	2,500,000
			2019S	F	3,500,000	0	3,500,000	0	0	0	3,500,000	0	0	0	0	0	0	0	0	3,500,000
			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



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1045	102804	SOUTH DADE 54 INCH PCCP FM REHABILITATION	2021S	F	6,000,000	0	6,000,000	0	0	0	0	0	6,000,000	0	0	0	0	0	0	6,000,000
			2022S	F	7,500,000	0	7,500,000	0	0	0	0	0	0	7,500,000	0	0	0	0	0	7,500,000
			EW658	A	1,920,051	1,920,051	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	2,443,709	332,655	2,111,054	2,111,054	0	0	0	0	0	0	0	0	0	0	0	2,111,054
			FUT-S	F	19,000,000	0	19,000,000	0	0	0	0	0	0	5,500,000	3,500,000	10,000,000	0	0	0	19,000,000
		TOTAL - 102804			51,107,789	2,252,706	48,855,083	2,111,054	3,744,029	2,500,000	3,500,000	4,500,000	6,000,000	7,500,000	5,500,000	3,500,000	10,000,000	0	0	48,855,083
1045	102805	REPLACEMENT OF TAMAMI 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
			EW646	A	6,589	6,589	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
1045	102806	REPLACEMENT OF 18 INCH DIP FM IN MIAMI LAKES	EW621	A	893,137	893,137	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 102806			893,137	893,137	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1045	102807	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	2017S	F	7,930	0	7,930	0	7,930	0	0	0	0	0	0	0	0	0	0	7,930
			2018S	F	7,930	0	7,930	0	0	7,930	0	0	0	0	0	0	0	0	0	7,930
			2019S	F	7,952	0	7,952	0	0	0	7,952	0	0	0	0	0	0	0	0	7,952
			2020S	F	5,175	0	5,175	0	0	0	0	5,175	0	0	0	0	0	0	0	5,175
			2021S	F	1,325	0	1,325	0	0	0	0	0	1,325	0	0	0	0	0	0	1,325
			EW658	A	314,529	314,529	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	9,580,599	223,674	9,356,925	9,356,925	0	0	0	0	0	0	0	0	0	0	0	9,356,925
		TOTAL - 102807			9,925,440	538,203	9,387,237	9,356,925	7,930	7,930	7,952	5,175	1,325	0	0	0	0	0	0	9,387,237

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future			
1045	102808	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	2017S	F	5,611,639	0	5,611,639	0	5,611,639	0	0	0	0	0	0	0	0	0	0	0	5,611,639
			2018S	F	2,574,581	0	2,574,581	0	0	2,574,581	0	0	0	0	0	0	0	0	0	0	2,574,581
			2019S	F	3,183,702	0	3,183,702	0	0	0	3,183,702	0	0	0	0	0	0	0	0	0	3,183,702
			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	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
			2022S	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
			EW621	A	3,159,812	3,159,812	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW658	A	1,289,629	1,289,629	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	5,589,592	991,415	4,598,177	4,598,177	0	0	0	0	0	0	0	0	0	0	0	0	4,598,177
			FUT-S	F	6,000,000	0	6,000,000	0	0	0	0	0	0	0	0	6,000,000	0	0	0	0	6,000,000
		TOTAL - 102808			34,408,955	5,440,856	28,968,099	4,598,177	5,611,639	2,574,581	3,183,702	3,000,000	3,000,000	1,000,000	6,000,000	0	0	0	0	0	28,968,099
1045	102809	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	2017S	F	3,151,871	0	3,151,871	0	3,151,871	0	0	0	0	0	0	0	0	0	0	0	3,151,871
			2018S	F	2,000,000	0	2,000,000	0	0	2,000,000	0	0	0	0	0	0	0	0	0	0	2,000,000
			EW658	A	404,497	404,497	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	16,681,309	517,933	16,163,376	16,163,376	0	0	0	0	0	0	0	0	0	0	0	0	16,163,376
		TOTAL - 102809			22,237,677	922,430	21,315,247	16,163,376	3,151,871	2,000,000	0	0	0	0	0	0	0	0	0	0	21,315,247
		TOTAL - 1045			363,090,534	112,907,051	250,183,483	83,363,388	21,299,239	13,135,289	12,791,654	13,605,175	15,101,325	14,600,000	20,550,476	14,509,687	41,227,251	0	0	0	250,183,484
1046	102900	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	2017S	F	4,338,280	0	4,338,280	0	4,338,280	0	0	0	0	0	0	0	0	0	0	0	4,338,280
			2018S	F	146,174	0	146,174	0	0	146,174	0	0	0	0	0	0	0	0	0	0	146,174



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future		
1046	102900	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	EW623	A	6,258,195	1,005,978	5,252,217	5,252,217	0	0	0	0	0	0	0	0	0	0	0	5,252,217
			EW658	A	356,429	356,429	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	365,455	354,525	10,930	10,930	0	0	0	0	0	0	0	0	0	0	0	10,930
		TOTAL - 102900			11,464,533	1,716,932	9,747,601	5,263,147	4,338,280	146,174	0	0	0	0	0	0	0	0	0	9,747,601
1046	102901	UPGRADE OF PS#0692	EW658	A	458,618	458,618	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 102901			458,618	458,618	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1046	102902	UPGRADE OF PS#0691	2017S	F	3,317,514	0	3,317,514	0	3,317,514	0	0	0	0	0	0	0	0	0	0	3,317,514
			2018S	F	2,357,949	0	2,357,949	0	0	2,357,949	0	0	0	0	0	0	0	0	0	2,357,949
			2019S	F	2,500,000	0	2,500,000	0	0	0	2,500,000	0	0	0	0	0	0	0	0	2,500,000
			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
			2021S	F	1,500,001	0	1,500,001	0	0	0	0	0	1,500,001	0	0	0	0	0	0	1,500,001
			EW658	A	288,745	288,745	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW660	A	1,628,258	21,703	1,606,555	1,606,555	0	0	0	0	0	0	0	0	0	0	0	1,606,555
		TOTAL - 102902			13,592,467	310,447	13,282,020	1,606,555	3,317,514	2,357,949	2,500,000	2,000,000	1,500,001	0	0	0	0	0	0	13,282,019
1046	102903	REPLACEMENT OF SWITCHGEAR PS#0414	2017S	F	4,232,428	0	4,232,428	0	4,232,428	0	0	0	0	0	0	0	0	0	0	4,232,428
			EW658	A	377,344	377,344	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	2,040,508	312,776	1,727,732	1,727,732	0	0	0	0	0	0	0	0	0	0	0	1,727,732
		TOTAL - 102903			6,650,280	690,120	5,960,160	1,727,732	4,232,428	0	0	0	0	0	0	0	0	0	0	5,960,160
1046	102904	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0415	2017S	F	2,229,124	0	2,229,124	0	2,229,124	0	0	0	0	0	0	0	0	0	0	2,229,124



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future			
1046	102904	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0415	2018S	F	2,094,339	0	2,094,339	0	0	2,094,339	0	0	0	0	0	0	0	0	0	0	2,094,339
			2019S	F	1,500,000	0	1,500,000	0	0	0	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
			2020S	F	500,000	0	500,000	0	0	0	0	500,000	0	0	0	0	0	0	0	0	500,000
			EW658	A	238,182	238,182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,740,871	469,177	1,271,694	1,271,694	0	0	0	0	0	0	0	0	0	0	0	0	1,271,694
		TOTAL - 102904			8,302,516	707,359	7,595,157	1,271,694	2,229,124	2,094,339	1,500,000	500,000	0	0	0	0	0	0	0	0	7,595,157
1046	102905	REPLACEMENT OF SWITCHGEAR PS#0416	2017S	F	4,313,615	0	4,313,615	0	4,313,615	0	0	0	0	0	0	0	0	0	0	0	4,313,615
			EW658	A	227,384	227,384	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	2,183,023	438,822	1,744,201	1,744,201	0	0	0	0	0	0	0	0	0	0	0	0	1,744,201
		TOTAL - 102905			6,724,022	666,205	6,057,817	1,744,201	4,313,615	0	0	0	0	0	0	0	0	0	0	0	6,057,816
1046	102906	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0417	2017S	F	3,111,618	0	3,111,618	0	3,111,618	0	0	0	0	0	0	0	0	0	0	0	3,111,618
			2018S	F	710,574	0	710,574	0	0	710,574	0	0	0	0	0	0	0	0	0	0	710,574
			EW658	A	377,445	377,445	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,110,608	329,112	781,496	781,496	0	0	0	0	0	0	0	0	0	0	0	0	781,496
		TOTAL - 102906			5,310,245	706,557	4,603,688	781,496	3,111,618	710,574	0	0	0	0	0	0	0	0	0	0	4,603,688
1046	102907	REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT IN PS#0107	2017S	F	904,243	0	904,243	0	904,243	0	0	0	0	0	0	0	0	0	0	0	904,243
			EW658	A	124,109	124,109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Prepared by Capital Planning and Coordination Section



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1046	102907	REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT IN PS#0107	EW660	A	721,415	29,802	691,613	691,613	0	0	0	0	0	0	0	0	0	0	0	691,613
TOTAL - 102907					1,749,767	153,912	1,595,855	691,613	904,243	0	0	0	0	0	0	0	0	0	0	1,595,856
1046	102908	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	2017S	F	2,441,403	0	2,441,403	0	2,441,403	0	0	0	0	0	0	0	0	0	0	2,441,403
			2018S	F	66,453	0	66,453	0	0	66,453	0	0	0	0	0	0	0	0	0	66,453
			2019S	F	540,715	0	540,715	0	0	0	540,715	0	0	0	0	0	0	0	0	540,715
			EW658	A	278,165	278,165	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	1,929,427	567,130	1,362,297	1,362,297	0	0	0	0	0	0	0	0	0	0	0	1,362,297
TOTAL - 102908					5,256,163	845,294	4,410,869	1,362,297	2,441,403	66,453	540,715	0	0	0	0	0	0	0	0	4,410,868
1046	102909	UPGRADE OF PS#0488	2017S	F	57,215	0	57,215	0	57,215	0	0	0	0	0	0	0	0	0	0	57,215
			EW658	A	64,641	64,641	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	796,166	274,835	521,331	521,331	0	0	0	0	0	0	0	0	0	0	0	521,331
TOTAL - 102909					918,022	339,476	578,546	521,331	57,215	0	0	0	0	0	0	0	0	0	0	578,546
1046	102910	INSTALLATION OF 60 INCH FM FROM KENDALL DR TO PS#0536	2017S	F	1,730,930	0	1,730,930	0	1,730,930	0	0	0	0	0	0	0	0	0	0	1,730,930
			EW660	A	853,256	21,269	831,987	831,987	0	0	0	0	0	0	0	0	0	0	0	831,987
TOTAL - 102910					2,584,186	21,269	2,562,917	831,987	1,730,930	0	0	0	0	0	0	0	0	0	0	2,562,917
1046	102911	REPLACEMENT OF SWITCHGEAR AT PS#0187	2017S	F	4,445,123	0	4,445,123	0	4,445,123	0	0	0	0	0	0	0	0	0	0	4,445,123
			2018S	F	3,000,000	0	3,000,000	0	0	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future			
1046	102911	REPLACEMENT OF SWITCHGEAR AT PS#0187	EW658	A	633,606	633,606	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	4,971,279	8,166	4,963,113	4,963,113	0	0	0	0	0	0	0	0	0	0	0	0	4,963,113
		TOTAL - 102911			13,050,008	641,772	12,408,236	4,963,113	4,445,123	3,000,000	0	0	0	0	0	0	0	0	0	0	12,408,236
1046	102912	REFURBISH EMERGENCY GENERATORS AND CONTROLS AT REGIONAL PUMP STATIONS	EW658	A	479,529	479,529	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	18,525	18,525	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 102912			498,054	498,054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1046	102914	UPGRADE OF PS #0065, 0201, 0334, 0374, 0607	EW658	A	3,707,620	3,707,620	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	803,978	346,460	457,518	457,518	0	0	0	0	0	0	0	0	0	0	0	0	457,518
		TOTAL - 102914			4,511,598	4,054,081	457,517	457,518	0	0	0	0	0	0	0	0	0	0	0	0	457,518
1046	102915	UPGRADE OF PS #00198, 0437, 0466, 0680	EW658	A	294,694	294,694	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	3,684,356	113,011	3,571,345	3,571,345	0	0	0	0	0	0	0	0	0	0	0	0	3,571,345
		TOTAL - 102915			3,979,050	407,705	3,571,345	3,571,345	0	0	0	0	0	0	0	0	0	0	0	0	3,571,345
1046	102916	UPGRADE OF PS #0037, 0351, 0370, 0403	2017S	F	3,774,570	0	3,774,570	0	3,774,570	0	0	0	0	0	0	0	0	0	0	0	3,774,570
			EW660	A	2,036,536	97,512	1,939,024	1,939,024	0	0	0	0	0	0	0	0	0	0	0	0	1,939,024
		TOTAL - 102916			5,811,106	97,512	5,713,594	1,939,024	3,774,570	0	0	0	0	0	0	0	0	0	0	0	5,713,594
1046	102917	UPGRADE OF PS #0441, 0491, 0710, 0827, 0852, 1236	2017S	F	1,576,099	0	1,576,099	0	1,576,099	0	0	0	0	0	0	0	0	0	0	0	1,576,099
			2018S	F	2,419,930	0	2,419,930	0	0	2,419,930	0	0	0	0	0	0	0	0	0	0	2,419,930
			2019S	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



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1046	102917	UPGRADE OF PS #0441, 0491, 0710, 0827, 0852, 1236	EW660	A	726,981	0	726,981	726,981	0	0	0	0	0	0	0	0	0	0	0	726,981
		TOTAL - 102917			6,723,010	0	6,723,010	726,981	1,576,099	2,419,930	2,000,000	0	0	0	0	0	0	0	0	6,723,010
1046	102918	SCADA RTU UPGRADES	EW658	A	4,724,285	4,724,285	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 102918			4,724,285	4,724,285	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 1046			102,307,930	17,039,599	85,268,331	27,460,034	36,472,162	10,795,419	6,540,715	2,500,000	1,500,001	0	0	0	0	0	0	85,268,331
1047	103000	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - GRAVITY AND FORCE MAINS	EW647	A	65,520,000	39,520	65,480,480	1,149,720	3,364,920	7,241,520	8,780,720	10,730,720	13,221,000	13,304,720	7,687,160	0	0	0	0	65,480,480
			FUT-S	F	77,330,106	0	77,330,106	0	0	0	0	0	0	0	24,173,966	53,156,140	0	0	0	77,330,106
		TOTAL - 103000			142,850,106	39,520	142,810,586	1,149,720	3,364,920	7,241,520	8,780,720	10,730,720	13,221,000	13,304,720	31,861,126	53,156,140	0	0	0	142,810,586
1047	103001	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PUMP STATIONS	EW647	A	60,480,000	36,480	60,443,520	1,061,280	3,106,080	6,684,480	8,105,280	9,905,280	12,204,000	12,281,280	7,095,840	0	0	0	0	60,443,520
			FUT-S	F	71,381,637	0	71,381,637	0	0	0	0	0	0	0	22,314,431	49,067,206	0	0	0	71,381,637
		TOTAL - 103001			131,861,637	36,480	131,825,157	1,061,280	3,106,080	6,684,480	8,105,280	9,905,280	12,204,000	12,281,280	29,410,271	49,067,206	0	0	0	131,825,157
1047	103002	SUPPLEMENTAL ENVIRONMENT PROJECT (SEP)	2017S	F	2,493,810	0	2,493,810	0	2,493,810	0	0	0	0	0	0	0	0	0	0	2,493,810
			2018S	F	361,178	0	361,178	0	0	361,178	0	0	0	0	0	0	0	0	0	361,178
			EW658	A	275,850	275,850	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW660	A	826,815	250,032	576,783	576,783	0	0	0	0	0	0	0	0	0	0	0	576,783
		TOTAL - 103002			3,957,653	525,882	3,431,771	576,783	2,493,810	361,178	0	0	0	0	0	0	0	0	0	3,431,771



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
TOTAL - 1047					278,669,396	601,882	278,067,514	2,787,783	8,964,810	14,287,178	16,886,000	20,636,000	25,425,000	25,586,000	61,271,397	102,223,346	0	0	278,067,514	
1048	101757	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	2017S	F	4,220,603	0	4,220,603	0	4,220,603	0	0	0	0	0	0	0	0	0	4,220,603	
			2018S	F	2,125,696	0	2,125,696	0	0	2,125,696	0	0	0	0	0	0	0	0	2,125,696	
			2019S	F	3,347,448	0	3,347,448	0	0	0	3,347,448	0	0	0	0	0	0	0	3,347,448	
			2020S	F	3,000,000	0	3,000,000	0	0	0	0	3,000,000	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	
			2022S	F	500,000	0	500,000	0	0	0	0	0	500,000	0	0	0	0	0	500,000	
			EW623	A	2,733,547	344,790	2,388,757	2,388,757	0	0	0	0	0	0	0	0	0	0	2,388,757	
			EW660	A	1,202,038	0	1,202,038	1,202,038	0	0	0	0	0	0	0	0	0	0	0	1,202,038
			FUT-S	F	3,000,000	0	3,000,000	0	0	0	0	0	0	0	3,000,000	0	0	0	3,000,000	
TOTAL - 101757					22,629,332	344,790	22,284,542	3,590,795	4,220,603	2,125,696	3,347,448	3,000,000	2,500,000	500,000	3,000,000	0	0	0	22,284,542	
1048	101759	48-INCH - ALLOWS P.S. 300 TO PUMP NORTH TO P.S. 1310 DISCHARGE (NL-7)	2021S	F	13,346	0	13,346	0	0	0	0	0	13,346	0	0	0	0	0	13,346	
			2022S	F	54,457	0	54,457	0	0	0	0	0	0	54,457	0	0	0	0	54,457	
			FUT-S	F	1,991,312	0	1,991,312	0	0	0	0	0	0	0	1,010,810	950,095	30,407	0	1,991,312	
TOTAL - 101759					2,059,115	0	2,059,115	0	0	0	0	0	13,346	54,457	1,010,810	950,095	30,407	0	2,059,115	
1048	101861	CORAL GABLES REROUTE (CL-2)	2020S	F	242,636	0	242,636	0	0	0	0	242,636	0	0	0	0	0	0	242,636	
			2021S	F	8,730	0	8,730	0	0	0	0	0	8,730	0	0	0	0	0	8,730	
			2022S	F	5,174,877	0	5,174,877	0	0	0	0	0	0	5,174,877	0	0	0	0	5,174,877	



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1048	101861	CORAL GABLES REROUTE (CL-2)	FUT-S	F	13,889,452	0	13,889,452	0	0	0	0	0	0	0	0	11,086,626	2,688,687	114,139	0	13,889,452
TOTAL - 101861					19,315,695	0	19,315,695	0	0	0	0	242,636	8,730	5,174,877	11,086,626	2,688,687	114,139	0	19,315,695	
1048	101864	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	2017S	F	1,154,807	0	1,154,807	0	1,154,807	0	0	0	0	0	0	0	0	0	0	1,154,807
			2018S	F	1,659,633	0	1,659,633	0	0	1,659,633	0	0	0	0	0	0	0	0	0	1,659,633
			2019S	F	1,781,366	0	1,781,366	0	0	0	1,781,366	0	0	0	0	0	0	0	0	1,781,366
			2020S	F	2,530,230	0	2,530,230	0	0	0	0	2,530,230	0	0	0	0	0	0	0	2,530,230
			2021S	F	4,008,960	0	4,008,960	0	0	0	0	0	4,008,960	0	0	0	0	0	0	4,008,960
			2022S	F	5,558,149	0	5,558,149	0	0	0	0	0	0	5,558,149	0	0	0	0	0	5,558,149
			FUT-S	F	311,276,660	0	311,276,660	0	0	0	0	0	0	0	70,673,849	48,815,063	191,787,748	0	311,276,660	
TOTAL - 101864					327,969,805	0	327,969,805	0	1,154,807	1,659,633	1,781,366	2,530,230	4,008,960	5,558,149	70,673,849	48,815,063	191,787,748	0	327,969,805	
1048	101865	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	2017S	F	258,375	0	258,375	0	258,375	0	0	0	0	0	0	0	0	0	0	258,375
			2018S	F	1,984,450	0	1,984,450	0	0	1,984,450	0	0	0	0	0	0	0	0	0	1,984,450
			2019S	F	1,586,335	0	1,586,335	0	0	0	1,586,335	0	0	0	0	0	0	0	0	1,586,335
			2020S	F	2,694,510	0	2,694,510	0	0	0	0	2,694,510	0	0	0	0	0	0	0	2,694,510
			2021S	F	3,075,118	0	3,075,118	0	0	0	0	0	3,075,118	0	0	0	0	0	0	3,075,118
			2022S	F	4,737,488	0	4,737,488	0	0	0	0	0	0	4,737,488	0	0	0	0	0	4,737,488
			EW660	A	285,050	0	285,050	285,050	0	0	0	0	0	0	0	0	0	0	0	285,050
			FUT-S	F	37,369,766	0	37,369,766	0	0	0	0	0	0	0	11,369,766	26,000,000	0	0	37,369,766	
TOTAL - 101865					51,991,092	0	51,991,092	285,050	258,375	1,984,450	1,586,335	2,694,510	3,075,118	4,737,488	11,369,766	26,000,000	0	0	51,991,092	

Prepared by Capital Planning and Coordination Section



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1048	102012	SOUTHWEST DADE BOOSTER STATION (SP-1)	2017S	F	1,643,899	0	1,643,899	0	1,643,899	0	0	0	0	0	0	0	0	0	0	0	1,643,899
			2018S	F	2,379,687	0	2,379,687	0	0	2,379,687	0	0	0	0	0	0	0	0	0	0	2,379,687
			2019S	F	3,644,769	0	3,644,769	0	0	0	3,644,769	0	0	0	0	0	0	0	0	0	3,644,769
			2020S	F	4,685,320	0	4,685,320	0	0	0	0	4,685,320	0	0	0	0	0	0	0	0	4,685,320
			2021S	F	5,251,048	0	5,251,048	0	0	0	0	0	5,251,048	0	0	0	0	0	0	0	5,251,048
			2022S	F	6,000,000	0	6,000,000	0	0	0	0	0	0	6,000,000	0	0	0	0	0	0	6,000,000
			EW660	A	492,427	0	492,427	492,427	0	0	0	0	0	0	0	0	0	0	0	0	492,427
			FUT-S	F	34,000,000	0	34,000,000	0	0	0	0	0	0	0	0	7,000,000	15,000,000	12,000,000	0	0	34,000,000
		TOTAL - 102012			58,097,150	0	58,097,150	492,427	1,643,899	2,379,687	3,644,769	4,685,320	5,251,048	6,000,000	7,000,000	15,000,000	12,000,000	0	0	58,097,150	
1048	102041	DORAL BASIN UPGRADE - 24 INCH FORCE MAIN NW 74TH ST FROM NW 97 TO NW 107 AVE. (CL-6)	2021S	F	87,410	0	87,410	0	0	0	0	0	87,410	0	0	0	0	0	0	0	87,410
			2022S	F	63,042	0	63,042	0	0	0	0	0	0	63,042	0	0	0	0	0	0	63,042
			FUT-S	F	3,116,376	0	3,116,376	0	0	0	0	0	0	0	2,030,975	1,038,919	46,482	0	0	0	3,116,376
		TOTAL - 102041			3,266,828	0	3,266,828	0	0	0	0	0	87,410	63,042	2,030,975	1,038,919	46,482	0	0	3,266,828	
1048	102055	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	2017S	F	543,721	0	543,721	0	543,721	0	0	0	0	0	0	0	0	0	0	0	543,721
			2018S	F	772,722	0	772,722	0	0	772,722	0	0	0	0	0	0	0	0	0	0	772,722
			2019S	F	803,586	0	803,586	0	0	0	803,586	0	0	0	0	0	0	0	0	0	803,586
			2020S	F	1,281,230	0	1,281,230	0	0	0	0	1,281,230	0	0	0	0	0	0	0	0	1,281,230
			2021S	F	1,693,299	0	1,693,299	0	0	0	0	0	1,693,299	0	0	0	0	0	0	0	1,693,299
			2022S	F	1,500,000	0	1,500,000	0	0	0	0	0	0	0	1,500,000	0	0	0	0	0	1,500,000



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1048	102055	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	EW660	A	182,043	0	182,043	182,043	0	0	0	0	0	0	0	0	0	0	0	182,043
			FUT-S	F	38,280,000	0	38,280,000	0	0	0	0	0	0	7,500,000	5,000,000	25,780,000	0	0	38,280,000	
		TOTAL - 102055			45,056,601	0	45,056,601	182,043	543,721	772,722	803,586	1,281,230	1,693,299	1,500,000	7,500,000	5,000,000	25,780,000	0	45,056,601	
1048	102056	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	2017S	F	2,345,906	0	2,345,906	0	2,345,906	0	0	0	0	0	0	0	0	0	0	2,345,906
			2018S	F	2,777,727	0	2,777,727	0	0	2,777,727	0	0	0	0	0	0	0	0	0	2,777,727
			2019S	F	3,519,865	0	3,519,865	0	0	0	3,519,865	0	0	0	0	0	0	0	0	3,519,865
			2020S	F	2,962,648	0	2,962,648	0	0	0	0	2,962,648	0	0	0	0	0	0	0	2,962,648
			2021S	F	3,432,539	0	3,432,539	0	0	0	0	0	3,432,539	0	0	0	0	0	0	3,432,539
			2022S	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
			EW623	A	1,252,235	0	1,252,235	1,252,235	0	0	0	0	0	0	0	0	0	0	0	1,252,235
			EW660	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			FUT-S	F	313,500,000	0	313,500,000	0	0	0	0	0	0	0	45,000,000	193,000,000	75,500,000	0	313,500,000	
		TOTAL - 102056			334,290,920	0	334,290,920	1,252,235	2,345,906	2,777,727	3,519,865	2,962,648	3,432,539	4,500,000	45,000,000	193,000,000	75,500,000	0	334,290,920	
1048	102063	24-INCH FM CONNECTION FROM PS 1073 TO PS 691 (SL-6)	2017S	F	135,766	0	135,766	0	135,766	0	0	0	0	0	0	0	0	0	0	135,766
			2018S	F	434,045	0	434,045	0	0	434,045	0	0	0	0	0	0	0	0	0	434,045
			2019S	F	2,806,375	0	2,806,375	0	0	0	2,806,375	0	0	0	0	0	0	0	0	2,806,375
			2020S	F	654,228	0	654,228	0	0	0	0	654,228	0	0	0	0	0	0	0	654,228
			2021S	F	33,424	0	33,424	0	0	0	0	0	33,424	0	0	0	0	0	0	33,424
			EW660	A	60,495	0	60,495	60,495	0	0	0	0	0	0	0	0	0	0	0	60,495



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
		TOTAL - 102063			4,124,333	0	4,124,333	60,495	135,766	434,045	2,806,375	654,228	33,424	0	0	0	0	0	4,124,333
1048	102064	24-INCH FM FROM PS 416 TO 30-INCH FM AT NW 171 ST / 67 AVE (NL-6)	2022S	F	207,981	0	207,981	0	0	0	0	0	0	207,981	0	0	0	0	207,981
			FUT-S	F	6,750,329	0	6,750,329	0	0	0	0	0	0	0	2,226,573	4,376,100	147,656	0	6,750,329
		TOTAL - 102064			6,958,310	0	6,958,310	0	0	0	0	0	0	207,981	2,226,573	4,376,100	147,656	0	6,958,310
1048	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)	2022S	F	56,116	0	56,116	0	0	0	0	0	0	56,116	0	0	0	0	56,116
			FUT-S	F	1,751,789	0	1,751,789	0	0	0	0	0	0	0	418,038	1,281,127	52,624	0	1,751,789
		TOTAL - 102066			1,807,905	0	1,807,905	0	0	0	0	0	0	56,116	418,038	1,281,127	52,624	0	1,807,905
1048	102067	42-INCH FM CONNECTION FROM PS 691 TO PS 692 (SL-5)	2022S	F	800,618	0	800,618	0	0	0	0	0	0	800,618	0	0	0	0	800,618
			FUT-S	F	25,667,523	0	25,667,523	0	0	0	0	0	0	0	560,549	4,235,568	20,871,406	0	25,667,523
		TOTAL - 102067			26,468,141	0	26,468,141	0	0	0	0	0	0	800,618	560,549	4,235,568	20,871,406	0	26,468,141
1048	102069	48-INCH FORCE MAIN CONNECTION FROM NW 62 AVE AT W 77 ST TO DISCHARGE FORCE MAIN OF PS 307 (NL-4)	2019S	F	92,534	0	92,534	0	0	0	92,534	0	0	0	0	0	0	0	92,534
			2020S	F	219,450	0	219,450	0	0	0	0	219,450	0	0	0	0	0	0	219,450
			2021S	F	512,315	0	512,315	0	0	0	0	0	512,315	0	0	0	0	0	512,315
			2022S	F	3,568,274	0	3,568,274	0	0	0	0	0	0	3,568,274	0	0	0	0	3,568,274
			FUT-S	F	6,035,688	0	6,035,688	0	0	0	0	0	0	0	2,840,768	2,194,920	1,000,000	0	6,035,688
		TOTAL - 102069			10,428,261	0	10,428,261	0	0	0	92,534	219,450	512,315	3,568,274	2,840,768	2,194,920	1,000,000	0	10,428,261



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1048	102072	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	2017S	F	1,967,858	0	1,967,858	0	1,967,858	0	0	0	0	0	0	0	0	0	0	0	1,967,858
			2018S	F	2,310,430	0	2,310,430	0	0	2,310,430	0	0	0	0	0	0	0	0	0	0	2,310,430
			2019S	F	3,411,404	0	3,411,404	0	0	0	3,411,404	0	0	0	0	0	0	0	0	0	3,411,404
			2020S	F	3,062,453	0	3,062,453	0	0	0	0	3,062,453	0	0	0	0	0	0	0	0	3,062,453
			2021S	F	4,500,000	0	4,500,000	0	0	0	0	0	4,500,000	0	0	0	0	0	0	0	4,500,000
			2022S	F	2,500,000	0	2,500,000	0	0	0	0	0	0	2,500,000	0	0	0	0	0	0	2,500,000
			EW660	A	1,013,203	0	1,013,203	1,013,203	0	0	0	0	0	0	0	0	0	0	0	0	1,013,203
			FUT-S	F	44,000,000	0	44,000,000	0	0	0	0	0	0	0	12,000,000	17,000,000	15,000,000	0	0	0	44,000,000
		TOTAL - 102072			62,765,348	0	62,765,348	1,013,203	1,967,858	2,310,430	3,411,404	3,062,453	4,500,000	2,500,000	12,000,000	17,000,000	15,000,000	0	0	0	62,765,348
1048	102077	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	2017S	F	446,614	0	446,614	0	446,614	0	0	0	0	0	0	0	0	0	0	0	446,614
			2018S	F	1,423,575	0	1,423,575	0	0	1,423,575	0	0	0	0	0	0	0	0	0	0	1,423,575
			2019S	F	2,150,708	0	2,150,708	0	0	0	2,150,708	0	0	0	0	0	0	0	0	0	2,150,708
			2020S	F	3,020,001	0	3,020,001	0	0	0	0	3,020,001	0	0	0	0	0	0	0	0	3,020,001
			2021S	F	4,229,239	0	4,229,239	0	0	0	0	0	4,229,239	0	0	0	0	0	0	0	4,229,239
			2022S	F	5,500,000	0	5,500,000	0	0	0	0	0	0	5,500,000	0	0	0	0	0	0	5,500,000
			EW623	A	1,490,730	0	1,490,730	1,490,730	0	0	0	0	0	0	0	0	0	0	0	0	1,490,730
			EW660	A	253,477	0	253,477	253,477	0	0	0	0	0	0	0	0	0	0	0	0	253,477
			FUT-S	F	68,500,000	0	68,500,000	0	0	0	0	0	0	0	2,500,000	66,000,000	0	0	0	0	68,500,000
		TOTAL - 102077			87,014,344	0	87,014,344	1,744,207	446,614	1,423,575	2,150,708	3,020,001	4,229,239	5,500,000	2,500,000	66,000,000	0	0	0	0	87,014,344



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future		
1048	102078	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	2017S	F	572,353	0	572,353	0	572,353	0	0	0	0	0	0	0	0	0	0	572,353
			2018S	F	914,731	0	914,731	0	0	914,731	0	0	0	0	0	0	0	0	0	914,731
			2019S	F	1,998,954	0	1,998,954	0	0	0	1,998,954	0	0	0	0	0	0	0	0	1,998,954
			2020S	F	2,923,437	0	2,923,437	0	0	0	0	2,923,437	0	0	0	0	0	0	0	2,923,437
			2021S	F	3,290,906	0	3,290,906	0	0	0	0	0	3,290,906	0	0	0	0	0	0	3,290,906
			2022S	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
			EW660	A	342,268	0	342,268	342,268	0	0	0	0	0	0	0	0	0	0	0	342,268
			FUT-S	F	3,500,000	0	3,500,000	0	0	0	0	0	0	0	3,500,000	0	0	0	0	3,500,000
		TOTAL - 102078			18,042,649	0	18,042,649	342,268	572,353	914,731	1,998,954	2,923,437	3,290,906	4,500,000	3,500,000	0	0	0	0	18,042,649
1048	102079	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	2017S	F	879,664	0	879,664	0	879,664	0	0	0	0	0	0	0	0	0	0	879,664
			2018S	F	1,518,901	0	1,518,901	0	0	1,518,901	0	0	0	0	0	0	0	0	0	1,518,901
			2019S	F	2,677,207	0	2,677,207	0	0	0	2,677,207	0	0	0	0	0	0	0	0	2,677,207
			2020S	F	3,627,516	0	3,627,516	0	0	0	0	3,627,516	0	0	0	0	0	0	0	3,627,516
			2021S	F	4,544,704	0	4,544,704	0	0	0	0	0	4,544,704	0	0	0	0	0	0	4,544,704
			2022S	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	407,245	0	407,245	407,245	0	0	0	0	0	0	0	0	0	0	0	407,245
			FUT-S	F	3,000,000	0	3,000,000	0	0	0	0	0	0	0	3,000,000	0	0	0	0	3,000,000
		TOTAL - 102079			21,655,237	0	21,655,237	407,245	879,664	1,518,901	2,677,207	3,627,516	4,544,704	5,000,000	3,000,000	0	0	0	0	21,655,237
1048	102082	NORTH DADE BOOSTER STATION AT NW 183 ST / NW 57 AVE (NP-1) - (CPCS)	FUT-S	F	15,000,000	0	15,000,000	0	0	0	0	0	0	0	15,000,000	0	0	0	0	15,000,000



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS											
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
TOTAL - 102082					15,000,000	0	15,000,000	0	0	0	0	0	0	0	15,000,000	0	0	0	15,000,000
1048	102086	UPGRADE PS 416 (NP-416E)	2019S	F	134,267	0	134,267	0	0	0	134,267	0	0	0	0	0	0	0	134,267
			2020S	F	267,174	0	267,174	0	0	0	0	267,174	0	0	0	0	0	0	267,174
			2021S	F	374,821	0	374,821	0	0	0	0	0	374,821	0	0	0	0	0	374,821
			2022S	F	786,877	0	786,877	0	0	0	0	0	0	786,877	0	0	0	0	786,877
			FUT-S	F	6,794,917	0	6,794,917	0	0	0	0	0	0	0	5,617,188	1,139,687	38,042	0	6,794,917
TOTAL - 102086					8,358,056	0	8,358,056	0	0	0	134,267	267,174	374,821	786,877	5,617,188	1,139,687	38,042	0	8,358,056
1048	102087	UPGRADE PS 692 (SP-692E)	2017S	F	1,384,477	0	1,384,477	0	1,384,477	0	0	0	0	0	0	0	0	0	1,384,477
			2018S	F	2,307,655	0	2,307,655	0	0	2,307,655	0	0	0	0	0	0	0	0	2,307,655
			2019S	F	3,142,604	0	3,142,604	0	0	0	3,142,604	0	0	0	0	0	0	0	3,142,604
			2020S	F	4,817,666	0	4,817,666	0	0	0	0	4,817,666	0	0	0	0	0	0	4,817,666
			2021S	F	5,352,915	0	5,352,915	0	0	0	0	0	5,352,915	0	0	0	0	0	5,352,915
			2022S	F	5,726,117	0	5,726,117	0	0	0	0	0	0	5,726,117	0	0	0	0	5,726,117
			FUT-S	F	16,000,000	0	16,000,000	0	0	0	0	0	0	0	5,000,000	3,500,000	7,500,000	0	16,000,000
TOTAL - 102087					38,731,434	0	38,731,434	0	1,384,477	2,307,655	3,142,604	4,817,666	5,352,915	5,726,117	5,000,000	3,500,000	7,500,000	0	38,731,434
1048	102088	UPGRADE PS 1073 (SP-1073E)	2017S	F	547,144	0	547,144	0	547,144	0	0	0	0	0	0	0	0	0	547,144
			2018S	F	843,848	0	843,848	0	0	843,848	0	0	0	0	0	0	0	0	843,848
			2019S	F	1,571,862	0	1,571,862	0	0	0	1,571,862	0	0	0	0	0	0	0	1,571,862
			2020S	F	3,451,683	0	3,451,683	0	0	0	0	3,451,683	0	0	0	0	0	0	3,451,683
			2021S	F	2,037,870	0	2,037,870	0	0	0	0	0	2,037,870	0	0	0	0	0	2,037,870
			2022S	F	40,168	0	40,168	0	0	0	0	0	0	0	40,168	0	0	0	40,168



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS												
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1048	102088	UPGRADE PS 1073 (SP-1073E)	FUT-S	F	7,000,000	0	7,000,000	0	0	0	0	0	0	0	7,000,000	0	0	0	0	7,000,000
TOTAL - 102088					15,492,575	0	15,492,575	0	547,144	843,848	1,571,862	3,451,683	2,037,870	40,168	7,000,000	0	0	0	0	15,492,575
1048	102121	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	2017S	F	1,209,603	0	1,209,603	0	1,209,603	0	0	0	0	0	0	0	0	0	0	1,209,603
			2018S	F	1,416,691	0	1,416,691	0	0	1,416,691	0	0	0	0	0	0	0	0	0	1,416,691
			2019S	F	2,336,711	0	2,336,711	0	0	0	2,336,711	0	0	0	0	0	0	0	0	2,336,711
			2020S	F	3,954,363	0	3,954,363	0	0	0	0	3,954,363	0	0	0	0	0	0	0	3,954,363
			2021S	F	4,013,279	0	4,013,279	0	0	0	0	0	4,013,279	0	0	0	0	0	0	4,013,279
			2022S	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
			EW660	A	1,182,279	0	1,182,279	1,182,279	0	0	0	0	0	0	0	0	0	0	0	1,182,279
			FUT-S	F	27,500,000	0	27,500,000	0	0	0	0	0	0	0	5,500,000	5,000,000	17,000,000	0	0	27,500,000
TOTAL - 102121					47,112,926	0	47,112,926	1,182,279	1,209,603	1,416,691	2,336,711	3,954,363	4,013,279	5,500,000	5,500,000	5,000,000	17,000,000	0	0	47,112,926
1048	102124	UPGRADE TO PS 522 (SP-522E)	2017S	F	461,531	0	461,531	0	461,531	0	0	0	0	0	0	0	0	0	0	461,531
			2018S	F	854,804	0	854,804	0	0	854,804	0	0	0	0	0	0	0	0	0	854,804
			2019S	F	1,112,145	0	1,112,145	0	0	0	1,112,145	0	0	0	0	0	0	0	0	1,112,145
			2020S	F	1,500,000	0	1,500,000	0	0	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000
			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
			2022S	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	276,895	0	276,895	276,895	0	0	0	0	0	0	0	0	0	0	0	276,895
			FUT-S	F	540,912	0	540,912	0	0	0	0	0	0	0	540,912	0	0	0	0	540,912
TOTAL - 102124					7,746,287	0	7,746,287	276,895	461,531	854,804	1,112,145	1,500,000	1,500,000	1,500,000	540,912	0	0	0	0	7,746,287

Prepared by Capital Planning and Coordination Section



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS													
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1048	102155	CL-8; 24-INCH CONNECTION IN SW 8TH ST. FROM SW 152ND AVE. TO 177TH AVE.	2018S	F	53,120	0	53,120	0	0	53,120	0	0	0	0	0	0	0	0	0	53,120	
			2019S	F	56,515	0	56,515	0	0	0	56,515	0	0	0	0	0	0	0	0	56,515	
			2020S	F	189,631	0	189,631	0	0	0	0	189,631	0	0	0	0	0	0	0	189,631	
			2021S	F	344,167	0	344,167	0	0	0	0	0	344,167	0	0	0	0	0	0	344,167	
			2022S	F	4,474,193	0	4,474,193	0	0	0	0	0	0	4,474,193	0	0	0	0	0	4,474,193	
			FUT-S	F	1,705,691	0	1,705,691	0	0	0	0	0	0	0	1,541,632	164,059	0	0	0	1,705,691	
		TOTAL - 102155			6,823,317	0	6,823,317	0	0	53,120	56,515	189,631	344,167	4,474,193	1,541,632	164,059	0	0	0	6,823,317	
1048	102156	DOWNTOWN BOOSTER STATION (CP-1)	2017S	F	2,316,253	0	2,316,253	0	2,316,253	0	0	0	0	0	0	0	0	0	0	2,316,253	
			2018S	F	3,562,626	0	3,562,626	0	0	3,562,626	0	0	0	0	0	0	0	0	0	0	3,562,626
			2019S	F	4,415,430	0	4,415,430	0	0	0	4,415,430	0	0	0	0	0	0	0	0	0	4,415,430
			2020S	F	5,301,467	0	5,301,467	0	0	0	0	5,301,467	0	0	0	0	0	0	0	0	5,301,467
			2021S	F	4,759,779	0	4,759,779	0	0	0	0	0	4,759,779	0	0	0	0	0	0	0	4,759,779
			2022S	F	6,000,000	0	6,000,000	0	0	0	0	0	0	6,000,000	0	0	0	0	0	0	6,000,000
			EW660	A	1,296,220	0	1,296,220	1,296,220	0	0	0	0	0	0	0	0	0	0	0	0	1,296,220
			FUT-S	F	11,000,000	0	11,000,000	0	0	0	0	0	0	0	0	4,500,000	6,500,000	0	0	0	11,000,000
		TOTAL - 102156			38,651,775	0	38,651,775	1,296,220	2,316,253	3,562,626	4,415,430	5,301,467	4,759,779	6,000,000	4,500,000	6,500,000	0	0	0	38,651,775	
1048	102158	SL-3B TO 48"/54" FM ALONG 137TH AVE FROM SW 136TH ST TO SW 104TH ST	2017S	F	631,981	0	631,981	0	631,981	0	0	0	0	0	0	0	0	0	0	0	631,981
			2018S	F	112,807	0	112,807	0	0	112,807	0	0	0	0	0	0	0	0	0	0	112,807
			2019S	F	508,708	0	508,708	0	0	0	508,708	0	0	0	0	0	0	0	0	0	508,708



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS													
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1048	102158	SL-3B TO 48"/54" FM ALONG 137TH AVE FROM SW 136TH ST TO SW 104TH ST	2020S	F	1,449,938	0	1,449,938	0	0	0	0	1,449,938	0	0	0	0	0	0	0	0	1,449,938
			2021S	F	3,719,436	0	3,719,436	0	0	0	0	0	3,719,436	0	0	0	0	0	0	0	3,719,436
			2022S	F	5,350,763	0	5,350,763	0	0	0	0	0	0	5,350,763	0	0	0	0	0	0	5,350,763
			EW660	A	363,764	0	363,764	363,764	0	0	0	0	0	0	0	0	0	0	0	0	363,764
			FUT-S	F	7,832,796	0	7,832,796	0	0	0	0	0	0	0	2,806,302	5,026,494	0	0	0	0	7,832,796
		TOTAL - 102158			19,970,193	0	19,970,193	363,764	631,981	112,807	508,708	1,449,938	3,719,436	5,350,763	2,806,302	5,026,494	0	0	0	0	19,970,193
1048	102181	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	2017S	F	1,651,644	0	1,651,644	0	1,651,644	0	0	0	0	0	0	0	0	0	0	0	1,651,644
			2018S	F	2,382,422	0	2,382,422	0	0	2,382,422	0	0	0	0	0	0	0	0	0	0	2,382,422
			2019S	F	3,899,862	0	3,899,862	0	0	0	3,899,862	0	0	0	0	0	0	0	0	0	3,899,862
			2020S	F	5,315,199	0	5,315,199	0	0	0	0	5,315,199	0	0	0	0	0	0	0	0	5,315,199
			2021S	F	6,500,000	0	6,500,000	0	0	0	0	0	6,500,000	0	0	0	0	0	0	0	6,500,000
			2022S	F	5,500,000	0	5,500,000	0	0	0	0	0	0	5,500,000	0	0	0	0	0	0	5,500,000
			EW660	A	638,085	0	638,085	638,085	0	0	0	0	0	0	0	0	0	0	0	0	638,085
			FUT-S	F	32,000,000	0	32,000,000	0	0	0	0	0	0	0	5,500,000	14,500,000	12,000,000	0	0	0	32,000,000
		TOTAL - 102181			57,887,212	0	57,887,212	638,085	1,651,644	2,382,422	3,899,862	5,315,199	6,500,000	5,500,000	5,500,000	14,500,000	12,000,000	0	0	0	57,887,212
1048	102189	FM EXT. FROM 36-INCH AT NW 87 AVE / W 76 ST TO 48-INCH IN NW 67 AVE (NL-2)	2020S	F	233,809	0	233,809	0	0	0	0	233,809	0	0	0	0	0	0	0	0	233,809
			2021S	F	627,157	0	627,157	0	0	0	0	0	627,157	0	0	0	0	0	0	0	627,157
			2022S	F	1,189,561	0	1,189,561	0	0	0	0	0	0	1,189,561	0	0	0	0	0	0	1,189,561
			FUT-S	F	28,070,003	0	28,070,003	0	0	0	0	0	0	0	11,420,560	12,461,000	4,188,443	0	0	0	28,070,003

Prepared by Capital Planning and Coordination Section



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS												
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
TOTAL - 102189					30,120,530	0	30,120,530	0	0	0	0	233,809	627,157	1,189,561	11,420,560	12,461,000	4,188,443	0	30,120,530	
1048	102190	42-INCH FM FROM PS306 - RED ROAD (NL-1C)	2021S	F	522,374	0	522,374	0	0	0	0	0	522,374	0	0	0	0	0	522,374	
			2022S	F	2,713,346	0	2,713,346	0	0	0	0	0	0	2,713,346	0	0	0	0	2,713,346	
			FUT-S	F	32,832,980	0	32,832,980	0	0	0	0	0	0	0	26,846,531	5,986,449	0	0	32,832,980	
TOTAL - 102190					36,068,700	0	36,068,700	0	0	0	0	0	522,374	2,713,346	26,846,531	5,986,449	0	0	36,068,700	
1048	102191	PUMP STATION 0306 (PS-306)	2021S	F	1,509,541	0	1,509,541	0	0	0	0	1,509,541	0	0	0	0	0	0	1,509,541	
			2022S	F	3,107,508	0	3,107,508	0	0	0	0	0	3,107,508	0	0	0	0	0	3,107,508	
			FUT-S	F	51,934,341	0	51,934,341	0	0	0	0	0	0	0	24,872,705	26,223,986	837,650	0	51,934,341	
TOTAL - 102191					56,551,390	0	56,551,390	0	0	0	0	1,509,541	3,107,508	24,872,705	26,223,986	837,650	0	0	56,551,390	
1048	102199	XL-1 48-INCH LINING FROM PS 300 TO NDWWTP	2021S	F	758,842	0	758,842	0	0	0	0	758,842	0	0	0	0	0	0	758,842	
			2022S	F	487,710	0	487,710	0	0	0	0	0	487,710	0	0	0	0	0	487,710	
			FUT-S	F	25,406,760	0	25,406,760	0	0	0	0	0	0	18,236,005	6,906,736	264,019	0	0	25,406,760	
TOTAL - 102199					26,653,312	0	26,653,312	0	0	0	0	758,842	487,710	18,236,005	6,906,736	264,019	0	0	26,653,312	
TOTAL - 1048					1,509,108,773	344,790	1,508,763,983	13,127,211	22,372,199	29,835,570	44,998,655	57,384,589	69,201,219	92,597,245	320,099,789	474,988,890	384,158,616	0	0	1,508,763,983
TOTAL - Wastewater					10,591,281,014	544,487,497	10,046,793,518	397,027,790	370,148,106	345,463,147	361,229,484	409,350,260	437,549,358	474,434,639	3,066,855,637	1,516,901,957	2,667,833,135	0	0	10,046,793,513



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS									Future	Total	
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025			2025-2026
		REPORT TOTAL			10,591,281,014	544,487,497	10,046,793,518	397,027,790	370,148,106	345,463,147	361,229,484	409,350,260	437,549,358	474,434,639	3,066,855,637	1,516,901,957	2,667,833,135	0	10,046,793,513

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



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Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS											
						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
1050	101504	PRESTON WTP - NEW PUMP STATION EAST OF RESERVOIR	43,700,000	0	43,700,000	0	0	2,528,437	2,993,627	744,360	2,940,204	6,493,372	28,000,000	0	0	0	43,700,000
	101711	HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	11,380,883	219,235	11,161,648	1,488,291	1,135,246	7,775,288	762,823	0	0	0	0	0	0	0	11,161,648
	102104	FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP	3,000,000	0	3,000,000	0	293,210	528,850	2,177,940	0	0	0	0	0	0	0	3,000,000
	102106	HYPOCHLORITE FEED/STORAGE AT PRESTON/HIALEAH WTP	6,800,000	454,992	6,345,008	414,488	5,346,801	583,719	0	0	0	0	0	0	0	0	6,345,008
	102127	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	4,967,243	0	4,967,243	0	1,967,243	1,704,444	1,295,556	0	0	0	0	0	0	0	4,967,243
	102133	OKEECHOBEE RD PROPERTY ACQUISITION	2,554,860	0	2,554,860	0	2,554,860	0	0	0	0	0	0	0	0	0	2,554,860
	102134	PURCHASE OF LAKE PROPERTY ADJACENT TO NORTHWEST WELLFIELD	10,602,698	30,532	10,572,166	999,299	4,799,676	4,773,191	0	0	0	0	0	0	0	0	10,572,166
	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	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	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	0	3,000,000
		TOTAL - 1050	88,255,684	704,759	87,550,925	2,902,078	16,097,036	17,893,929	7,229,946	744,360	4,400,829	9,467,414	28,815,333	0	0	0	87,550,925



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
1051	101577	ORR WTP - 48" FINISHED WATER LINE (AREA M)	64,470,577	499,774	63,970,803	4,271,531	1,954,722	1,739,022	2,211,889	4,793,639	6,834,304	7,165,696	35,000,000	0	0	0	63,970,803
	101579	ORR WTP - PUMPING UNIT No. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	5,057,282	49,219	5,008,063	26,939	1,009,625	2,530,937	840,562	600,000	0	0	0	0	0	0	5,008,063
	101694	ORR WTP - SWITCHGEAR BUILDING AND TRANSFORMER	5,746,307	896,291	4,850,016	1,778,608	1,039,319	1,468,948	563,141	0	0	0	0	0	0	0	4,850,016
	101712	ORR WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	1,874,121	0	1,874,121	0	750,000	750,000	374,121	0	0	0	0	0	0	0	1,874,121
	101882	3 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	4,483,541	614,117	3,869,424	2,261,746	923,012	684,666	0	0	0	0	0	0	0	0	3,869,424
	101945	HGIH SERVICE PUMP AND MOTOR IMPROVEMENTS EAST & WEST ROOM - VFD	7,000,000	0	7,000,000	0	0	0	200,000	2,250,000	3,550,000	1,000,000	0	0	0	0	7,000,000
	101946	HYDROTREATOR DRIVES ASSEMBLES AND MOTORS	1,500,000	0	1,500,000	0	652,618	808,686	38,696	0	0	0	0	0	0	0	1,500,000
	102103	ELECTRICAL UPGADES FOR ALEXANDER ORR LIME PLANT	1,386,016	0	1,386,016	0	318,895	750,000	317,121	0	0	0	0	0	0	0	1,386,016
	102107	HYPOCHLORITE FEED/STORAGE AT ORR WTP	13,467,004	127,541	13,339,463	326,207	750,000	3,060,734	5,601,261	3,601,261	0	0	0	0	0	0	13,339,463
	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



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	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	9,880,939	0	9,880,939	0	737,474	1,457,664	3,454,755	4,231,046	0	0	0	0	0	0	9,880,939
	102169	A. ORR WTP PUMP ROOM FOR SOFTENER CLUSTERS 1-8 AND 11-14	700,000	0	700,000	0	0	0	0	0	228,297	471,703	0	0	0	0	700,000
	102175	ALEXANDER ORR WATER TESTING LABORATORY	10,858,455	31,205	10,827,250	661,862	1,000,000	2,500,000	3,500,000	3,165,388	0	0	0	0	0	0	10,827,250
		TOTAL - 1051	136,124,242	2,218,146	133,906,096	9,326,893	9,448,710	16,541,003	22,548,879	21,790,610	10,612,601	8,637,399	35,000,000	0	0	0	133,906,095
1053	100770	36" WM IN GAPS ALONG NW 87 AVE (154 - 186 ST)	2,620,707	1,953,763	666,944	666,944	0	0	0	0	0	0	0	0	0	0	666,944
	101540	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	14,633,409	447,357	14,186,052	69,260	2,351,576	4,406,498	4,430,688	1,919,638	1,008,392	0	0	0	0	0	14,186,052
	102116	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	1,006,054	4,919	1,001,135	97,175	903,960	0	0	0	0	0	0	0	0	0	1,001,135
	102197	PORT OF MIAMI WATER SUPPLY LINE	51,999,770	0	51,999,770	7,000,000	33,152,000	11,847,770	0	0	0	0	0	0	0	0	51,999,770
		TOTAL - 1053	70,259,940	2,406,039	67,853,901	7,833,379	36,407,536	16,254,268	4,430,688	1,919,638	1,008,392	0	0	0	0	0	67,853,901
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	137,017	3,274,485	2,645,323	4,403,675	0	0	10,460,500



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
1054	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	1,931,120	2,425,981	3,656,914	4,500,000	4,300,000	13,000,000	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	484,806	1,315,898	3,355,395	4,696,022	3,000,000	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	514,816	1,276,190	2,915,287	0	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	1,333,221	930,442	3,000,000	0	0	0	6,946,685
		TOTAL - 1054	66,759,289	0	66,759,289	0	698,349	2,354,911	3,766,749	6,355,888	10,337,990	12,981,117	12,860,610	17,403,675	0	0	66,759,289
1055	102016	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	5,163,420	0	5,163,420	0	774,839	504,489	3,735,428	148,664	0	0	0	0	0	0	5,163,420
	102117	24-INCH WATER MAIN - SW 137 AVE - AREA C	14,350,834	0	14,350,834	0	247,007	1,046,134	849,760	2,492,133	3,738,424	977,376	5,000,000	0	0	0	14,350,834
		TOTAL - 1055	19,514,254	0	19,514,254	0	1,021,846	1,550,623	4,585,188	2,640,797	3,738,424	977,376	5,000,000	0	0	0	19,514,254
1056	101474	SPECIAL CONSTRUCTION - WATER IMPROVEMENTS	13,681,756	4,900,285	8,781,471	1,500,000	281,471	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	0	0	0	8,781,471
		TOTAL - 1056	13,681,756	4,900,285	8,781,471	1,500,000	281,471	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	0	0	0	8,781,471
1059	101084	MIAMI SERVICE FACILITY - (PHASE 1)	1,129,735	0	1,129,735	0	65,050	129,439	935,246	0	0	0	0	0	0	0	1,129,735
	101505	SOUTH MAINTENANCE CENTER	23,721,660	278,652	23,443,008	727,435	10,408,209	7,307,364	5,000,000	0	0	0	0	0	0	0	23,443,008



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1059	101507	NORTH MAINTENANCE CENTER	10,116,520	0	10,116,520	0	142,720	1,294,548	571,488	7,758,182	349,582	0	0	0	0	0	10,116,520
	101547	MIAMI SERVICE FACILITY (PHASE 2)	12,211,000	0	12,211,000	0	172,268	1,626,151	1,130,832	9,281,749	0	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	48,478,915	278,652	48,200,263	727,435	10,992,078	11,451,850	7,639,387	17,039,931	349,582	0	0	0	0	0	48,200,263
1060	100786	WATER DISTRIBUTION SYSTEM EXTENSION	12,262,570	2,938,238	9,324,332	819,000	3,448,778	2,590,740	2,465,814	0	0	0	0	0	0	0	9,324,332
	101734	WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA's	77,702,139	51,576,681	26,125,458	12,481,458	13,644,000	0	0	0	0	0	0	0	0	0	26,125,458
	101771	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 1	14,516,733	379,801	14,136,932	964,234	1,778,801	5,872,611	4,521,286	1,000,000	0	0	0	0	0	0	14,136,932
	101772	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 2	24,654,508	308,284	24,346,225	398,175	1,793,327	6,754,721	5,975,000	5,500,000	3,925,001	0	0	0	0	0	24,346,224
	101773	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS HOMESTEAD EAST	17,861,325	252,111	17,609,214	33,709	1,757,683	6,552,429	5,565,393	3,700,000	0	0	0	0	0	0	17,609,214
	101778	DESIGN AND CONSTRUCTION OF PROPOSED 16 INCH WATER MAIN ON SW 192ND AVE BETWEEN SW 328 ST. TO SW 352 ST.	3,121,809	2,601,533	520,276	520,276	0	0	0	0	0	0	0	0	0	0	520,276
	101843	NEW NORTH DADE 16 INCH TRANSMISSION MAIN	3,726,109	1,755,361	1,970,748	1,970,748	0	0	0	0	0	0	0	0	0	0	1,970,748



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1060	102060	INSTALLATION OF 36/48-INCH WM ALONG S.W. 117 TO 127 AVENUE (AREA N)	18,634,941	8,528,378	10,106,563	7,106,564	3,000,000	0	0	0	0	0	0	0	0	0	10,106,564
	102111	12/16 INCH WATER MAINS IN S. MIAMI-DADE AREA E	4,862,026	0	4,862,026	0	329,538	2,532,488	2,000,000	0	0	0	0	0	0	0	4,862,026
	102123	TWO 5 MG STORAGE TANKS AND PUMP STATION	1,694,276	2,860	1,691,416	200,000	1,000,000	491,416	0	0	0	0	0	0	0	0	1,691,416
	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)	98,904,737	0	98,904,737	2,059,051	3,040,912	1,196,281	2,108,493	2,000,000	3,000,000	4,000,000	12,000,000	15,000,000	54,500,000	0	98,904,737
	102196	LONG TERM PARKING FOR WATER DISTRIBUTION EMPLOYEES	8,814,267	0	8,814,267	0	8,814,267	0	0	0	0	0	0	0	0	0	8,814,267
		TOTAL - 1060	286,755,440	68,343,246	218,412,194	26,553,215	38,607,306	25,990,686	22,635,986	12,200,000	6,925,001	4,000,000	12,000,000	15,000,000	54,500,000	0	218,412,194
1063	100789	FIRE HYDRANT INSTALLATION AND RELATED SYSTEM BETTERMENTS	65,141,983	34,721,060	30,420,923	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	0	0	0	30,420,923
		TOTAL - 1063	65,141,983	34,721,060	30,420,923	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	0	0	0	30,420,923
1064	100790	MISCELLANEOUS TOOLS AND EQUIPMENT	27,226,842	8,198,964	19,027,878	3,815,150	5,012,728	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	0	0	0	19,027,878
	101724	HEAVY CONSTRUCTION EQUIPMENT	23,585,654	2,473,447	21,112,207	5,842,032	3,270,175	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	21,112,207
	101725	VEHICLES/TRANSPORTATION EQUIPMENT	21,001,720	1,119,874	19,881,846	3,218,662	4,663,184	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	19,881,846



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1064	102027	AUTOMATED METER READING (AMR)	160,330,531	210,298	160,120,233	120,233	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	151,000,000	0	0	0	160,120,233	
TOTAL - 1064			232,144,747	12,002,584	220,142,163	12,996,077	14,446,087	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	156,700,000	0	0	0	220,142,164	
1065	101592	NW 37TH AVENUE - WATER MAINS IMPROVEMENTS NORTH OF 12 ST.	5,110,500	1,465,500	3,645,000	484,500	491,000	613,500	859,000	1,197,000	0	0	0	0	0	0	3,645,000	
101601		WATER DISTRIBUTION SYSTEM ENHANCEMENTS	8,635,000	5,155,000	3,480,000	492,525	875,614	969,557	692,305	450,000	0	0	0	0	0	0	3,480,001	
101602		WATER DISTRIBUTION SYSTEM NEEDS ASSESSMENT	14,116,000	6,095,200	8,020,800	2,140,000	3,242,400	1,916,000	499,200	223,200	0	0	0	0	0	0	8,020,800	
TOTAL - 1065			27,861,500	12,715,700	15,145,800	3,117,025	4,609,014	3,499,057	2,050,505	1,870,200	0	0	0	0	0	0	15,145,801	
1066	100792	WATER PLANTS REHABILITATION	23,397,839	6,652,840	16,744,999	1,827,500	5,917,500	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	0	0	0	16,745,000	
101714		SECURITY PROJECTS	14,108,404	580,696	13,527,708	3,555,000	3,427,604	1,545,104	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	13,527,708	
TOTAL - 1066			37,506,243	7,233,536	30,272,707	5,382,500	9,345,104	3,045,104	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	30,272,708
1067	100793	WATER SYSTEM UPGRADES	166,288,030	20,961,530	145,326,500	17,770,500	19,556,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	0	0	0	145,326,500	
TOTAL - 1067			166,288,030	20,961,530	145,326,500	17,770,500	19,556,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	0	0	0	145,326,500
1070	101470	WATER TREATMENT PLANTS AND WELLFIELDS - SCADA SYSTEM	2,246,784	0	2,246,784	0	2,246,784	0	0	0	0	0	0	0	0	0	2,246,784	



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026		
		TOTAL - 1070	2,246,784	0	2,246,784	0	2,246,784	0	0	0	0	0	0	0	0	0	2,246,784
1072	101581	WTP - ELECTRICAL UPGRADES	5,274,975	4,991,382	283,593	249,680	33,913	0	0	0	0	0	0	0	0	0	283,593
	101880	REPLACE AND UPGRADE ELECTRICAL GENERATOR AT ALL WTPs	3,199,631	2,058,632	1,140,999	60,000	109,869	971,130	0	0	0	0	0	0	0	0	1,140,999
		TOTAL - 1072	8,474,606	7,050,014	1,424,592	309,680	143,782	971,130	0	0	0	0	0	0	0	0	1,424,592
1075	101546	WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS	440,062,621	13,200,885	426,861,736	250,000	6,383,431	638,186	1,841,834	2,670,543	3,944,098	3,811,456	161,669,109	165,653,079	80,000,000	0	426,861,736
	101891	NEW NWWF HIGH SERVICE PUMP STATION	43,250,000	0	43,250,000	0	0	0	610,154	1,185,315	2,212,610	4,141,641	20,000,000	15,100,280	0	0	43,250,000
	102135	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	29,586,545	2,120,509	27,466,036	0	455,533	1,284,506	2,725,997	4,500,000	3,000,000	3,500,000	12,000,000	0	0	0	27,466,036
	102176	MONITORING WELL INSTALLATION	750,000	0	750,000	0	0	0	0	0	82,042	203,375	464,583	0	0	0	750,000
		TOTAL - 1075	513,649,166	15,321,394	498,327,772	250,000	6,838,964	1,922,692	5,177,985	8,355,858	9,238,750	11,656,472	194,133,692	180,753,359	80,000,000	0	498,327,772
1077	101364	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	264,176,959	826,310	263,350,649	5,000,000	1,620,448	2,500,000	3,000,000	4,000,000	5,000,000	6,500,000	235,730,201	0	0	0	263,350,649
	102021	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	38,000,000	12,099,074	25,900,926	7,318,829	9,131,335	6,450,762	3,000,000	0	0	0	0	0	0	0	25,900,926



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026		
		TOTAL - 1077	302,176,959	12,925,384	289,251,575	12,318,829	10,751,783	8,950,762	6,000,000	4,000,000	5,000,000	6,500,000	235,730,201	0	0	0	289,251,575
1078	101368	TELEMETERING SYSTEM - WATER	3,345,726	573,162	2,772,564	680,998	291,566	300,000	300,000	300,000	300,000	300,000	300,000	0	0	0	2,772,564
		TOTAL - 1078	3,345,726	573,162	2,772,564	680,998	291,566	300,000	300,000	300,000	300,000	300,000	300,000	0	0	0	2,772,564
1080	101879	INSTALLATION OF 36 INCH DI WATER MAIN IN NW 87TH AVE. FROM NW 170 ST. TO 102 AVE.	1,555,338	1,334,904	220,434	220,434	0	0	0	0	0	0	0	0	0	0	220,434
	102182	CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP	4,000,000	0	4,000,000	0	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000
		TOTAL - 1080	5,555,338	1,334,904	4,220,434	220,434	4,000,000	0	0	0	0	0	0	0	0	0	4,220,434
1081	101966	INSTALLATION OF 12-INCH DIWM ON EAST DRIVE FROM NW 36 ST. TO LABARON DR.	8,074,101	1,018,339	7,055,762	734,981	1,003,523	2,309,699	2,007,559	1,000,000	0	0	0	0	0	0	7,055,762
		TOTAL - 1081	8,074,101	1,018,339	7,055,762	734,981	1,003,523	2,309,699	2,007,559	1,000,000	0	0	0	0	0	0	7,055,762
1082	101969	WATER - PIPES AND INFRASTRUCTURE PROJECTS	133,254,422	61,254,422	72,000,000	12,500,000	11,500,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	0	0	0	72,000,000
	102178	36-INCH WATER MAIN NW 106 STREET	8,085,622	12,235	8,073,387	737,818	1,724,284	5,380,772	230,512	0	0	0	0	0	0	0	8,073,386
	102179	36-INCH WATER MAIN NW 135 STREET	11,432,837	5,202	11,427,635	656,000	1,250,137	8,891,347	630,151	0	0	0	0	0	0	0	11,427,635



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026		
		TOTAL - 1082	152,772,881	61,271,859	91,501,022	13,893,818	14,474,421	22,272,119	8,860,663	8,000,000	8,000,000	8,000,000	8,000,000	0	0	0	91,501,021
1084	101678	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	38,790,910	7,929,176	30,861,734	3,264,939	4,018,819	2,577,978	3,500,000	3,500,000	3,999,999	3,000,000	7,000,000	0	0	0	30,861,735
	102136	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE A	15,806,254	3,111,427	12,694,827	8,627,302	3,019,444	1,048,081	0	0	0	0	0	0	0	0	12,694,827
	102137	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	36,061,557	0	36,061,557	3,100,000	5,274,493	1,173,853	3,913,211	4,500,000	2,500,000	1,500,000	14,100,000	0	0	0	36,061,557
	102139	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE I IN SW 147th AVE AND SW 157th AVE BETWEEN SW 288th ST & SW 297th ST	2,654,733	344,806	2,309,927	300,000	419,737	1,401,434	188,756	0	0	0	0	0	0	0	2,309,927
	102141	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE B	13,821,724	4,502,441	9,319,283	7,543,024	1,776,259	0	0	0	0	0	0	0	0	0	9,319,283
	102142	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	40,080,429	9,564	40,070,865	3,321,562	1,221,257	2,800,000	3,228,046	3,500,000	4,500,000	2,500,000	19,000,000	0	0	0	40,070,865
	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	2,570,164	202,773	1,000,000	3,500,000	292,427,509	0	0	300,927,509
	102193	WATER MASTER PLAN	2,026,080	0	2,026,080	1,000,000	1,026,080	0	0	0	0	0	0	0	0	0	2,026,080



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						2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
1084	102198	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE II IN SW 147th AVE AND SW 152nd AVE BETWEEN SW 288th ST & SW 296th ST	2,959,573	0	2,959,573	115,857	454,715	1,843,209	545,792	0	0	0	0	0	0	0	2,959,573
TOTAL - 1084			453,128,769	15,897,414	437,231,355	27,272,684	17,294,013	11,660,157	11,704,057	14,070,164	11,202,772	8,000,000	43,600,000	292,427,509	0	0	437,231,356
TOTAL - Water			2,708,196,353	281,878,008	2,426,318,345	147,290,526	222,055,373	176,667,990	141,137,592	132,487,446	104,314,341	103,719,778	758,560,759	505,584,543	134,500,000	0	2,426,318,348

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



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1050	101504	PRESTON WTP - NEW PUMP STATION EAST OF RESERVOIR	2018W	F	2,528,437	0	2,528,437	0	0	2,528,437	0	0	0	0	0	0	0	0	0	2,528,437
			2019W	F	2,993,627	0	2,993,627	0	0	0	2,993,627	0	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	2,940,204	0	2,940,204	0	0	0	0	0	2,940,204	0	0	0	0	0	0	2,940,204
			2022W	F	6,493,372	0	6,493,372	0	0	0	0	0	6,493,372	0	0	0	0	0	0	6,493,372
			FUT-W	F	28,000,000	0	28,000,000	0	0	0	0	0	0	28,000,000	0	0	0	0	0	28,000,000
		TOTAL - 101504			43,700,000	0	43,700,000	0	0	2,528,437	2,993,627	744,360	2,940,204	6,493,372	28,000,000	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	1,135,246	0	1,135,246	0	1,135,246	0	0	0	0	0	0	0	0	0	0	1,135,246
			2018W	F	7,775,288	0	7,775,288	0	0	7,775,288	0	0	0	0	0	0	0	0	0	7,775,288
			2019W	F	762,823	0	762,823	0	0	0	762,823	0	0	0	0	0	0	0	0	762,823
			EW258	A	143,832	143,832	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	1,563,694	75,403	1,488,291	1,488,291	0	0	0	0	0	0	0	0	0	0	0	1,488,291
		TOTAL - 101711			11,380,883	219,235	11,161,648	1,488,291	1,135,246	7,775,288	762,823	0	0	0	0	0	0	0	0	11,161,648
1050	102104	FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP	2017W	F	293,210	0	293,210	0	293,210	0	0	0	0	0	0	0	0	0	0	293,210
			2018W	F	528,850	0	528,850	0	0	528,850	0	0	0	0	0	0	0	0	0	528,850
			2019W	F	2,177,940	0	2,177,940	0	0	0	2,177,940	0	0	0	0	0	0	0	0	2,177,940



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026		Future
		TOTAL - 102104			3,000,000	0	3,000,000	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	5,346,801	0	5,346,801	0	5,346,801	0	0	0	0	0	0	0	0	0	5,346,801
			2018W	F	583,719	0	583,719	0	0	583,719	0	0	0	0	0	0	0	0	583,719
			EW258	A	313,214	313,214	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	556,266	141,778	414,488	414,488	0	0	0	0	0	0	0	0	0	0	414,488
		TOTAL - 102106			6,800,000	454,992	6,345,008	414,488	5,346,801	583,719	0	0	0	0	0	0	0	0	6,345,008
1050	102127	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	2017W	F	1,967,243	0	1,967,243	0	1,967,243	0	0	0	0	0	0	0	0	0	1,967,243
			2018W	F	1,704,444	0	1,704,444	0	0	1,704,444	0	0	0	0	0	0	0	0	1,704,444
			2019W	F	1,295,556	0	1,295,556	0	0	0	1,295,556	0	0	0	0	0	0	0	1,295,556
			EW260	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 102127			4,967,243	0	4,967,243	0	1,967,243	1,704,444	1,295,556	0	0	0	0	0	0	0	4,967,243
1050	102133	OKEECHOBEE RD PROPERTY ACQUISITION	2017W	F	2,554,860	0	2,554,860	0	2,554,860	0	0	0	0	0	0	0	0	0	2,554,860
		TOTAL - 102133			2,554,860	0	2,554,860	0	2,554,860	0	0	0	0	0	0	0	0	0	2,554,860
1050	102134	PURCHASE OF LAKE PROPERTY ADJACENT TO NORTHWEST WELLFIELD	2017W	F	4,799,676	0	4,799,676	0	4,799,676	0	0	0	0	0	0	0	0	0	4,799,676
			2018W	F	4,773,191	0	4,773,191	0	0	4,773,191	0	0	0	0	0	0	0	0	4,773,191
			EW260	A	1,029,831	30,532	999,299	999,299	0	0	0	0	0	0	0	0	0	0	999,299
		TOTAL - 102134			10,602,698	30,532	10,572,166	999,299	4,799,676	4,773,191	0	0	0	0	0	0	0	0	10,572,166
1050	102170	HIALEAH/PRESTON WTP FEEDERS/MOTOR CONTROL CENTER	2021W	F	285,417	0	285,417	0	0	0	0	285,417	0	0	0	0	0	0	285,417



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
1050	102170	HIALEAH/PRESTON WTP FEEDERS/MOTOR CONTROL CENTER	2022W	F	464,583	0	464,583	0	0	0	0	0	0	464,583	0	0	0	0	464,583
		TOTAL - 102170			750,000	0	750,000	0	0	0	0	0	285,417	464,583	0	0	0	0	750,000
1050	102171	HIALEAH/PRESTON WTP TRANSFORMER	2021W	F	489,208	0	489,208	0	0	0	0	489,208	0	0	0	0	0	0	489,208
			2022W	F	1,010,792	0	1,010,792	0	0	0	0	0	1,010,792	0	0	0	0	0	1,010,792
		TOTAL - 102171			1,500,000	0	1,500,000	0	0	0	0	489,208	1,010,792	0	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	686,000	0	0	0	0	0	0	686,000
			2022W	F	1,498,667	0	1,498,667	0	0	0	0	0	1,498,667	0	0	0	0	0	1,498,667
			FUT-W	F	815,333	0	815,333	0	0	0	0	0	0	815,333	0	0	0	0	815,333
		TOTAL - 102173			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 - 1050			88,255,684	704,759	87,550,925	2,902,078	16,097,036	17,893,929	7,229,946	744,360	4,400,829	9,467,414	28,815,333	0	0	0	87,550,925
1051	101577	ORR WTP - 48" FINISHED WATER LINE (AREA M)	2017W	F	1,954,722	0	1,954,722	0	1,954,722	0	0	0	0	0	0	0	0	0	1,954,722
			2018W	F	1,739,022	0	1,739,022	0	0	1,739,022	0	0	0	0	0	0	0	0	1,739,022
			2019W	F	2,211,889	0	2,211,889	0	0	0	2,211,889	0	0	0	0	0	0	0	2,211,889
			2020W	F	4,793,639	0	4,793,639	0	0	0	0	4,793,639	0	0	0	0	0	0	4,793,639
			2021W	F	6,834,304	0	6,834,304	0	0	0	0	0	6,834,304	0	0	0	0	0	6,834,304
			2022W	F	7,165,696	0	7,165,696	0	0	0	0	0	0	7,165,696	0	0	0	0	7,165,696
			EW258	A	251,839	251,839	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	4,519,466	247,935	4,271,531	4,271,531	0	0	0	0	0	0	0	0	0	0	4,271,531
			FUT-W	F	35,000,000	0	35,000,000	0	0	0	0	0	0	0	35,000,000	0	0	0	35,000,000

Prepared by Capital Planning and Coordination Section



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026		Future
TOTAL - 101577					64,470,577	499,774	63,970,803	4,271,531	1,954,722	1,739,022	2,211,889	4,793,639	6,834,304	7,165,696	35,000,000	0	0	0	63,970,803
1051	101579	ORR WTP - PUMPING UNIT No. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	2017W	F	1,009,625	0	1,009,625	0	1,009,625	0	0	0	0	0	0	0	0	0	1,009,625
			2018W	F	2,530,937	0	2,530,937	0	0	2,530,937	0	0	0	0	0	0	0	0	2,530,937
			2019W	F	840,562	0	840,562	0	0	0	840,562	0	0	0	0	0	0	0	840,562
			2020W	F	600,000	0	600,000	0	0	0	0	600,000	0	0	0	0	0	0	600,000
			EW246	A	49,219	49,219	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	26,939	0	26,939	26,939	0	0	0	0	0	0	0	0	0	0	26,939
TOTAL - 101579					5,057,282	49,219	5,008,063	26,939	1,009,625	2,530,937	840,562	600,000	0	0	0	0	0	0	5,008,063
1051	101694	ORR WTP - SWITCHGEAR BUILDING AND TRANSFORMER	2017W	F	1,039,319	0	1,039,319	0	1,039,319	0	0	0	0	0	0	0	0	0	1,039,319
			2018W	F	1,468,948	0	1,468,948	0	0	1,468,948	0	0	0	0	0	0	0	0	1,468,948
			2019W	F	563,141	0	563,141	0	0	0	563,141	0	0	0	0	0	0	0	563,141
			EW246	A	896,291	896,291	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	1,778,608	0	1,778,608	1,778,608	0	0	0	0	0	0	0	0	0	0	1,778,608
TOTAL - 101694					5,746,307	896,291	4,850,016	1,778,608	1,039,319	1,468,948	563,141	0	0	0	0	0	0	0	4,850,016
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	750,000	0	0	0	0	0	0	0	0	0	750,000
			2018W	F	750,000	0	750,000	0	0	750,000	0	0	0	0	0	0	0	0	750,000
			2019W	F	374,121	0	374,121	0	0	0	374,121	0	0	0	0	0	0	0	374,121



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
		TOTAL - 101712			1,874,121	0	1,874,121	0	750,000	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	923,012	0	923,012	0	923,012	0	0	0	0	0	0	0	0	0	923,012
			2018W	F	684,666	0	684,666	0	0	684,666	0	0	0	0	0	0	0	0	684,666
			EW246	A	589,305	589,305	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	24,812	24,812	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	2,261,746	0	2,261,746	2,261,746	0	0	0	0	0	0	0	0	0	0	2,261,746
		TOTAL - 101882			4,483,541	614,117	3,869,424	2,261,746	923,012	684,666	0	0	0	0	0	0	0	0	3,869,424
1051	101945	HGIH SERVICE PUMP AND MOTOR IMPROVEMENTS EAST & WEST ROOM - VFD	2019W	F	200,000	0	200,000	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	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	3,550,000
			2022W	F	1,000,000	0	1,000,000	0	0	0	0	0	0	1,000,000	0	0	0	0	1,000,000
		TOTAL - 101945			7,000,000	0	7,000,000	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	652,618	0	652,618	0	652,618	0	0	0	0	0	0	0	0	0	652,618
			2018W	F	808,686	0	808,686	0	0	808,686	0	0	0	0	0	0	0	0	808,686
			2019W	F	38,696	0	38,696	0	0	0	38,696	0	0	0	0	0	0	0	38,696
		TOTAL - 101946			1,500,000	0	1,500,000	0	652,618	808,686	38,696	0	0	0	0	0	0	0	1,500,000
1051	102103	ELECTRICAL UPGADES FOR ALEXANDER ORR LIME PLANT	2017W	F	318,895	0	318,895	0	318,895	0	0	0	0	0	0	0	0	0	318,895
			2018W	F	750,000	0	750,000	0	0	750,000	0	0	0	0	0	0	0	0	750,000
			2019W	F	317,121	0	317,121	0	0	0	317,121	0	0	0	0	0	0	0	317,121



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS											
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
		TOTAL - 102103			1,386,016	0	1,386,016	0	318,895	750,000	317,121	0	0	0	0	0	0	0	1,386,016
1051	102107	HYPOCHLORITE FEED/STORAGE AT ORR WTP	2017W	F	750,000	0	750,000	0	750,000	0	0	0	0	0	0	0	0	0	750,000
			2018W	F	3,060,734	0	3,060,734	0	0	3,060,734	0	0	0	0	0	0	0	0	3,060,734
			2019W	F	5,601,261	0	5,601,261	0	0	0	5,601,261	0	0	0	0	0	0	0	5,601,261
			2020W	F	3,601,261	0	3,601,261	0	0	0	0	3,601,261	0	0	0	0	0	0	3,601,261
			EW258	A	127,368	127,368	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	326,380	173	326,207	326,207	0	0	0	0	0	0	0	0	0	0	326,207
		TOTAL - 102107			13,467,004	127,541	13,339,463	326,207	750,000	3,060,734	5,601,261	3,601,261	0	0	0	0	0	0	13,339,463
1051	102109	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #1 AT ORR WTP	2017W	F	199,998	0	199,998	0	199,998	0	0	0	0	0	0	0	0	0	199,998
			2018W	F	163,465	0	163,465	0	0	163,465	0	0	0	0	0	0	0	0	163,465
			2019W	F	2,636,537	0	2,636,537	0	0	0	2,636,537	0	0	0	0	0	0	0	2,636,537
		TOTAL - 102109			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
1051	102110	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #2 AT ORR WTP	2017W	F	40,197	0	40,197	0	40,197	0	0	0	0	0	0	0	0	0	40,197
			2018W	F	319,959	0	319,959	0	0	319,959	0	0	0	0	0	0	0	0	319,959
			2019W	F	832,204	0	832,204	0	0	0	832,204	0	0	0	0	0	0	0	832,204
			2020W	F	2,007,640	0	2,007,640	0	0	0	0	2,007,640	0	0	0	0	0	0	2,007,640
		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	3,200,000



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1051	102166	A. ORR WTP ELECTRICAL DUCT BANK FOR GENERATOR SWITCH GEAR	2017W	F	72,850	0	72,850	0	72,850	0	0	0	0	0	0	0	0	0	0	72,850
			2018W	F	306,922	0	306,922	0	0	306,922	0	0	0	0	0	0	0	0	0	306,922
			2019W	F	1,978,592	0	1,978,592	0	0	0	1,978,592	0	0	0	0	0	0	0	0	1,978,592
			2020W	F	1,141,636	0	1,141,636	0	0	0	0	1,141,636	0	0	0	0	0	0	0	1,141,636
		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	737,474	0	737,474	0	737,474	0	0	0	0	0	0	0	0	0	0	737,474
			2018W	F	1,457,664	0	1,457,664	0	0	1,457,664	0	0	0	0	0	0	0	0	0	1,457,664
			2019W	F	3,454,755	0	3,454,755	0	0	0	3,454,755	0	0	0	0	0	0	0	0	3,454,755
			2020W	F	4,231,046	0	4,231,046	0	0	0	0	4,231,046	0	0	0	0	0	0	0	4,231,046
		TOTAL - 102167			9,880,939	0	9,880,939	0	737,474	1,457,664	3,454,755	4,231,046	0	0	0	0	0	0	0	9,880,939
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
			2022W	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	102175	ALEXANDER ORR WATER TESTING LABORATORY	2017W	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
			2018W	F	2,500,000	0	2,500,000	0	0	2,500,000	0	0	0	0	0	0	0	0	0	2,500,000
			2019W	F	3,500,000	0	3,500,000	0	0	0	3,500,000	0	0	0	0	0	0	0	0	3,500,000
			2020W	F	3,165,388	0	3,165,388	0	0	0	0	3,165,388	0	0	0	0	0	0	0	3,165,388
			EW258	A	31,205	31,205	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1051	102175	ALEXANDER ORR WATER TESTING LABORATORY	EW260	A	661,862	0	661,862	661,862	0	0	0	0	0	0	0	0	0	0	0	661,862
		TOTAL - 102175			10,858,455	31,205	10,827,250	661,862	1,000,000	2,500,000	3,500,000	3,165,388	0	0	0	0	0	0	0	10,827,250
		TOTAL - 1051			136,124,242	2,218,146	133,906,096	9,326,893	9,448,710	16,541,003	22,548,879	21,790,610	10,612,601	8,637,399	35,000,000	0	0	0	0	133,906,095
1053	100770	36" WM IN GAPS ALONG NW 87 AVE (154 - 186 ST)	EW258	A	1,953,763	1,953,763	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	666,944	0	666,944	666,944	0	0	0	0	0	0	0	0	0	0	0	666,944
		TOTAL - 100770			2,620,707	1,953,763	666,944	666,944	0	0	0	0	0	0	0	0	0	0	0	666,944
1053	101540	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	2017W	F	2,351,576	0	2,351,576	0	2,351,576	0	0	0	0	0	0	0	0	0	0	2,351,576
			2018W	F	4,406,498	0	4,406,498	0	0	4,406,498	0	0	0	0	0	0	0	0	0	4,406,498
			2019W	F	4,430,688	0	4,430,688	0	0	0	4,430,688	0	0	0	0	0	0	0	0	4,430,688
			2020W	F	1,919,638	0	1,919,638	0	0	0	0	1,919,638	0	0	0	0	0	0	0	1,919,638
			2021W	F	1,008,392	0	1,008,392	0	0	0	0	0	1,008,392	0	0	0	0	0	0	1,008,392
			EW260	A	516,617	447,357	69,260	69,260	0	0	0	0	0	0	0	0	0	0	0	69,260
		TOTAL - 101540			14,633,409	447,357	14,186,052	69,260	2,351,576	4,406,498	4,430,688	1,919,638	1,008,392	0	0	0	0	0	0	14,186,052
1053	102116	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	2017W	F	903,960	0	903,960	0	903,960	0	0	0	0	0	0	0	0	0	0	903,960
			EW258	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	102,094	4,919	97,175	97,175	0	0	0	0	0	0	0	0	0	0	0	97,175
		TOTAL - 102116			1,006,054	4,919	1,001,135	97,175	903,960	0	0	0	0	0	0	0	0	0	0	1,001,135
1053	102197	PORT OF MIAMI WATER SUPPLY LINE	2017W	F	7,912,143	0	7,912,143	0	7,912,143	0	0	0	0	0	0	0	0	0	0	7,912,143
			2018W	F	11,847,770	0	11,847,770	0	0	11,847,770	0	0	0	0	0	0	0	0	0	11,847,770



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1053	102197	PORT OF MIAMI WATER SUPPLY LINE	EW223	A	32,239,857	0	32,239,857	7,000,000	25,239,857	0	0	0	0	0	0	0	0	0	0	32,239,857
		TOTAL - 102197			51,999,770	0	51,999,770	7,000,000	33,152,000	11,847,770	0	0	0	0	0	0	0	0	0	51,999,770
		TOTAL - 1053			70,259,940	2,406,039	67,853,901	7,833,379	36,407,536	16,254,268	4,430,688	1,919,638	1,008,392	0	0	0	0	0	0	67,853,901
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	0	137,017
			2022W	F	3,274,485	0	3,274,485	0	0	0	0	0	0	3,274,485	0	0	0	0	0	3,274,485
			FUT-W	F	7,048,998	0	7,048,998	0	0	0	0	0	0	0	2,645,323	4,403,675	0	0	0	7,048,998
		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	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	418,103	0	418,103	0	418,103	0	0	0	0	0	0	0	0	0	0	418,103
			2018W	F	1,377,664	0	1,377,664	0	0	1,377,664	0	0	0	0	0	0	0	0	0	1,377,664
			2019W	F	1,931,120	0	1,931,120	0	0	0	1,931,120	0	0	0	0	0	0	0	0	1,931,120
			2020W	F	2,425,981	0	2,425,981	0	0	0	0	2,425,981	0	0	0	0	0	0	0	2,425,981
			2021W	F	3,656,914	0	3,656,914	0	0	0	0	0	3,656,914	0	0	0	0	0	0	3,656,914
			2022W	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
			FUT-W	F	17,300,000	0	17,300,000	0	0	0	0	0	0	0	0	4,300,000	13,000,000	0	0	17,300,000
		TOTAL - 102112			31,609,782	0	31,609,782	0	418,103	1,377,664	1,931,120	2,425,981	3,656,914	4,500,000	4,300,000	13,000,000	0	0	0	31,609,782
1054	102115	20/30-INCH WATER MAINS - SW 87 AVE - AREA P	2017W	F	183,908	0	183,908	0	183,908	0	0	0	0	0	0	0	0	0	0	183,908
			2018W	F	484,806	0	484,806	0	0	484,806	0	0	0	0	0	0	0	0	0	484,806
			2019W	F	1,315,898	0	1,315,898	0	0	0	1,315,898	0	0	0	0	0	0	0	0	1,315,898



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1054	102115	20/30-INCH WATER MAINS - SW 87 AVE - AREA P	2020W	F	3,355,395	0	3,355,395	0	0	0	0	3,355,395	0	0	0	0	0	0	0	3,355,395
			2021W	F	4,696,022	0	4,696,022	0	0	0	0	0	4,696,022	0	0	0	0	0	0	4,696,022
			2022W	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
		TOTAL - 102115			13,036,029	0	13,036,029	0	183,908	484,806	1,315,898	3,355,395	4,696,022	3,000,000	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
			2022W	F	1,276,190	0	1,276,190	0	0	0	0	0	0	1,276,190	0	0	0	0	0	1,276,190
			FUT-W	F	2,915,287	0	2,915,287	0	0	0	0	0	0	0	2,915,287	0	0	0	0	2,915,287
		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	96,338	0	96,338	0	96,338	0	0	0	0	0	0	0	0	0	0	96,338
			2018W	F	492,441	0	492,441	0	0	492,441	0	0	0	0	0	0	0	0	0	492,441
			2019W	F	519,731	0	519,731	0	0	0	519,731	0	0	0	0	0	0	0	0	519,731
			2020W	F	574,512	0	574,512	0	0	0	0	574,512	0	0	0	0	0	0	0	574,512
			2021W	F	1,333,221	0	1,333,221	0	0	0	0	0	1,333,221	0	0	0	0	0	0	1,333,221
			2022W	F	930,442	0	930,442	0	0	0	0	0	0	930,442	0	0	0	0	0	930,442
			FUT-W	F	3,000,000	0	3,000,000	0	0	0	0	0	0	0	0	3,000,000	0	0	0	3,000,000
		TOTAL - 102120			6,946,685	0	6,946,685	0	96,338	492,441	519,731	574,512	1,333,221	930,442	3,000,000	0	0	0	0	6,946,685
		TOTAL - 1054			66,759,289	0	66,759,289	0	698,349	2,354,911	3,766,749	6,355,888	10,337,990	12,981,117	12,860,610	17,403,675	0	0	0	66,759,289
1055	102016	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	2017W	F	774,839	0	774,839	0	774,839	0	0	0	0	0	0	0	0	0	0	774,839
			2018W	F	504,489	0	504,489	0	0	504,489	0	0	0	0	0	0	0	0	0	504,489

Prepared by Capital Planning and Coordination Section



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1055	102016	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	2019W	F	3,735,428	0	3,735,428	0	0	0	3,735,428	0	0	0	0	0	0	0	0	0	3,735,428
			2020W	F	148,664	0	148,664	0	0	0	0	148,664	0	0	0	0	0	0	0	0	148,664
		TOTAL - 102016			5,163,420	0	5,163,420	0	774,839	504,489	3,735,428	148,664	0	0	0	0	0	0	0	0	5,163,420
1055	102117	24-INCH WATER MAIN - SW 137 AVE - AREA C	2017W	F	247,007	0	247,007	0	247,007	0	0	0	0	0	0	0	0	0	0	0	247,007
			2018W	F	1,046,134	0	1,046,134	0	0	1,046,134	0	0	0	0	0	0	0	0	0	0	1,046,134
			2019W	F	849,760	0	849,760	0	0	0	849,760	0	0	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	0	2,492,133
			2021W	F	3,738,424	0	3,738,424	0	0	0	0	0	3,738,424	0	0	0	0	0	0	0	3,738,424
			2022W	F	977,376	0	977,376	0	0	0	0	0	977,376	0	0	0	0	0	0	0	977,376
			FUT-W	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 - 102117			14,350,834	0	14,350,834	0	247,007	1,046,134	849,760	2,492,133	3,738,424	977,376	5,000,000	0	0	0	0	0	14,350,834
		TOTAL - 1055			19,514,254	0	19,514,254	0	1,021,846	1,550,623	4,585,188	2,640,797	3,738,424	977,376	5,000,000	0	0	0	0	0	19,514,254
1056	101474	SPECIAL CONSTRUCTION - WATER IMPROVEMENTS	EW224	A	13,681,756	4,900,285	8,781,471	1,500,000	281,471	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	0	0	0	0	0	8,781,471
		TOTAL - 101474			13,681,756	4,900,285	8,781,471	1,500,000	281,471	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	0	0	0	0	0	8,781,471
		TOTAL - 1056			13,681,756	4,900,285	8,781,471	1,500,000	281,471	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	0	0	0	0	0	8,781,471
1059	101084	MIAMI SERVICE FACILITY - (PHASE 1)	2017W	F	65,050	0	65,050	0	65,050	0	0	0	0	0	0	0	0	0	0	0	65,050
			2018W	F	129,439	0	129,439	0	0	129,439	0	0	0	0	0	0	0	0	0	0	129,439
			2019W	F	935,246	0	935,246	0	0	0	935,246	0	0	0	0	0	0	0	0	0	935,246
		TOTAL - 101084			1,129,735	0	1,129,735	0	65,050	129,439	935,246	0	0	0	0	0	0	0	0	0	1,129,735



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1059	101505	SOUTH MAINTENANCE CENTER	2017W	F	10,408,209	0	10,408,209	0	10,408,209	0	0	0	0	0	0	0	0	0	0	10,408,209	
			2018W	F	7,307,364	0	7,307,364	0	0	7,307,364	0	0	0	0	0	0	0	0	0	0	7,307,364
			2019W	F	5,000,000	0	5,000,000	0	0	5,000,000	0	0	0	0	0	0	0	0	0	0	5,000,000
			EW258	A	277,317	277,317	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	728,770	1,335	727,435	727,435	0	0	0	0	0	0	0	0	0	0	0	0	727,435
TOTAL - 101505					23,721,660	278,652	23,443,008	727,435	10,408,209	7,307,364	5,000,000	0	0	0	0	0	0	0	0	23,443,008	
1059	101507	NORTH MAINTENANCE CENTER	2017W	F	142,720	0	142,720	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	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	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	7,758,182	0	0	0	0	0	0	0	0	0	7,758,182
			2021W	F	349,582	0	349,582	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	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	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	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	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	9,281,749	0	0	0	0	0	0	0	0	0	9,281,749
TOTAL - 101547					12,211,000	0	12,211,000	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	203,831	0	203,831	0	203,831	0	0	0	0	0	0	0	0	0	0	203,831	
			2018W	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



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1059	101888	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	2019W	F	1,821	0	1,821	0	0	0	1,821	0	0	0	0	0	0	0	0	1,821
TOTAL - 101888					1,300,000	0	1,300,000	0	203,831	1,094,348	1,821	0	0	0	0	0	0	0	0	1,300,000
TOTAL - 1059					48,478,915	278,652	48,200,263	727,435	10,992,078	11,451,850	7,639,387	17,039,931	349,582	0	0	0	0	0	0	48,200,263
1060	100786	WATER DISTRIBUTION SYSTEM EXTENSION	2017W	F	3,448,778	0	3,448,778	0	3,448,778	0	0	0	0	0	0	0	0	0	0	3,448,778
			2018W	F	2,590,740	0	2,590,740	0	0	2,590,740	0	0	0	0	0	0	0	0	0	2,590,740
			2019W	F	2,465,814	0	2,465,814	0	0	0	2,465,814	0	0	0	0	0	0	0	0	2,465,814
			EW221	A	2,966,743	2,147,743	819,000	819,000	0	0	0	0	0	0	0	0	0	0	0	819,000
			EW246	A	787,236	787,236	0	0	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	0	0
			EW260	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL - 100786					12,262,570	2,938,238	9,324,332	819,000	3,448,778	2,590,740	2,465,814	0	0	0	0	0	0	0	0	9,324,332
1060	101734	WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA's	2017W	F	4,644,000	0	4,644,000	0	4,644,000	0	0	0	0	0	0	0	0	0	0	4,644,000
			EW221	A	27,289,215	24,807,757	2,481,458	2,481,458	0	0	0	0	0	0	0	0	0	0	0	2,481,458
			EW224	A	17,000,000	0	17,000,000	8,000,000	9,000,000	0	0	0	0	0	0	0	0	0	0	17,000,000
			EW246	A	12,051,766	12,051,766	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	13,008,205	13,008,205	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	3,708,953	1,708,953	2,000,000	2,000,000	0	0	0	0	0	0	0	0	0	0	0	2,000,000
TOTAL - 101734					77,702,139	51,576,681	26,125,458	12,481,458	13,644,000	0	0	0	0	0	0	0	0	0	0	26,125,458



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1060	101771	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 1	2019W	F	4,521,286	0	4,521,286	0	0	0	4,521,286	0	0	0	0	0	0	0	0	4,521,286
			2020W	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
			EW223	A	8,995,447	379,801	8,615,646	964,234	1,778,801	5,872,611	0	0	0	0	0	0	0	0	0	8,615,646
		TOTAL - 101771			14,516,733	379,801	14,136,932	964,234	1,778,801	5,872,611	4,521,286	1,000,000	0	0	0	0	0	0	0	14,136,932
1060	101772	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 2	2018W	F	6,754,721	0	6,754,721	0	0	6,754,721	0	0	0	0	0	0	0	0	0	6,754,721
			2019W	F	5,975,000	0	5,975,000	0	0	0	5,975,000	0	0	0	0	0	0	0	0	5,975,000
			2020W	F	5,500,000	0	5,500,000	0	0	0	0	5,500,000	0	0	0	0	0	0	0	5,500,000
			2021W	F	3,925,001	0	3,925,001	0	0	0	0	0	3,925,001	0	0	0	0	0	0	3,925,001
			EW223	A	2,499,786	308,284	2,191,503	398,175	1,793,327	0	0	0	0	0	0	0	0	0	0	2,191,503
		TOTAL - 101772			24,654,508	308,284	24,346,225	398,175	1,793,327	6,754,721	5,975,000	5,500,000	3,925,001	0	0	0	0	0	0	24,346,224
1060	101773	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS HOMESTEAD EAST	2018W	F	4,228,328	0	4,228,328	0	0	4,228,328	0	0	0	0	0	0	0	0	0	4,228,328
			2019W	F	5,565,393	0	5,565,393	0	0	0	5,565,393	0	0	0	0	0	0	0	0	5,565,393
			2020W	F	3,700,000	0	3,700,000	0	0	0	0	3,700,000	0	0	0	0	0	0	0	3,700,000
			EW223	A	4,367,604	252,111	4,115,493	33,709	1,757,683	2,324,101	0	0	0	0	0	0	0	0	0	4,115,493
		TOTAL - 101773			17,861,325	252,111	17,609,214	33,709	1,757,683	6,552,429	5,565,393	3,700,000	0	0	0	0	0	0	0	17,609,214



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future		
1060	101778	DESIGN AND CONSTRUCTION OF PROPOSED 16 INCH WATER MAIN ON SW 192ND AVE BETWEEN SW 328 ST. TO SW 352 ST.	EW244	A	1,477,596	1,477,596	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	201,664	201,664	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	1,442,549	922,273	520,276	520,276	0	0	0	0	0	0	0	0	0	0	0	520,276
		TOTAL - 101778			3,121,809	2,601,533	520,276	520,276	0	0	0	0	0	0	0	0	0	0	0	520,276
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
			EW258	A	253,969	253,969	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	3,182,379	1,211,631	1,970,748	1,970,748	0	0	0	0	0	0	0	0	0	0	0	1,970,748
		TOTAL - 101843			3,726,109	1,755,361	1,970,748	1,970,748	0	0	0	0	0	0	0	0	0	0	0	1,970,748
1060	102060	INSTALLATION OF 36/48-INCH WM ALONG S.W. 117 TO 127 AVENUE (AREA N)	2017W	F	3,000,000	0	3,000,000	0	3,000,000	0	0	0	0	0	0	0	0	0	0	3,000,000
			EW223	A	3,466,459	0	3,466,459	3,466,459	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
			EW258	A	4,636,562	4,636,562	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	7,529,992	3,889,887	3,640,105	3,640,105	0	0	0	0	0	0	0	0	0	0	0	3,640,105
		TOTAL - 102060			18,634,941	8,528,378	10,106,563	7,106,564	3,000,000	0	0	0	0	0	0	0	0	0	0	10,106,564
1060	102111	12/16 INCH WATER MAINS IN S. MIAMI-DADE AREA E	2017W	F	329,538	0	329,538	0	329,538	0	0	0	0	0	0	0	0	0	0	329,538
			2018W	F	2,532,488	0	2,532,488	0	0	2,532,488	0	0	0	0	0	0	0	0	0	2,532,488
			2019W	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



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026		Future
		TOTAL - 102111			4,862,026	0	4,862,026	0	329,538	2,532,488	2,000,000	0	0	0	0	0	0	0	4,862,026
1060	102123	TWO 5 MG STORAGE TANKS AND PUMP STATION	2017W	F	1,000,000	0	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0	1,000,000
			2018W	F	491,416	0	491,416	0	0	491,416	0	0	0	0	0	0	0	0	491,416
			EW260	A	202,860	2,860	200,000	200,000	0	0	0	0	0	0	0	0	0	0	200,000
		TOTAL - 102123			1,694,276	2,860	1,691,416	200,000	1,000,000	491,416	0	0	0	0	0	0	0	0	1,691,416
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	3,040,912	0	3,040,912	0	3,040,912	0	0	0	0	0	0	0	0	0	3,040,912
			2018W	F	1,196,281	0	1,196,281	0	0	1,196,281	0	0	0	0	0	0	0	0	1,196,281
			2019W	F	2,108,493	0	2,108,493	0	0	0	2,108,493	0	0	0	0	0	0	0	2,108,493
			2020W	F	2,000,000	0	2,000,000	0	0	0	0	2,000,000	0	0	0	0	0	0	2,000,000
			2021W	F	3,000,000	0	3,000,000	0	0	0	0	0	3,000,000	0	0	0	0	0	3,000,000
			2022W	F	4,000,000	0	4,000,000	0	0	0	0	0	4,000,000	0	0	0	0	0	4,000,000
			EW223	A	2,059,051	0	2,059,051	2,059,051	0	0	0	0	0	0	0	0	0	0	2,059,051
			FUT-W	F	81,500,000	0	81,500,000	0	0	0	0	0	0	0	12,000,000	15,000,000	54,500,000	0	81,500,000
		TOTAL - 102140			98,904,737	0	98,904,737	2,059,051	3,040,912	1,196,281	2,108,493	2,000,000	3,000,000	4,000,000	12,000,000	15,000,000	54,500,000	0	98,904,737
1060	102196	LONG TERM PARKING FOR WATER DISTRIBUTION EMPLOYEES	2017W	F	8,814,267	0	8,814,267	0	8,814,267	0	0	0	0	0	0	0	0	0	8,814,267
		TOTAL - 102196			8,814,267	0	8,814,267	0	8,814,267	0	0	0	0	0	0	0	0	0	8,814,267
		TOTAL - 1060			286,755,440	68,343,246	218,412,194	26,553,215	38,607,306	25,990,686	22,635,986	12,200,000	6,925,001	4,000,000	12,000,000	15,000,000	54,500,000	0	218,412,194



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1063	100789	FIRE HYDRANT INSTALLATION AND RELATED SYSTEM BETTERMENTS	EW226	A	65,141,983	34,721,060	30,420,923	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	0	0	0	30,420,923	
TOTAL - 100789					65,141,983	34,721,060	30,420,923	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	0	0	0	30,420,923	
TOTAL - 1063					65,141,983	34,721,060	30,420,923	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	0	0	0	30,420,923	
1064	100790	MISCELLANEOUS TOOLS AND EQUIPMENT	EW221	A	27,174,416	8,146,538	19,027,878	3,815,150	5,012,728	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	0	0	0	19,027,878	
			EW246	A	52,426	52,426	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL - 100790					27,226,842	8,198,964	19,027,878	3,815,150	5,012,728	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	0	0	0	19,027,878	
1064	101724	HEAVY CONSTRUCTION EQUIPMENT	EW221	A	23,585,654	2,473,447	21,112,207	5,842,032	3,270,175	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	21,112,207	
TOTAL - 101724					23,585,654	2,473,447	21,112,207	5,842,032	3,270,175	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	21,112,207	
1064	101725	VEHICLES/TRANSPORTATION EQUIPMENT	EW221	A	21,001,720	1,119,874	19,881,846	3,218,662	4,663,184	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	19,881,846	
TOTAL - 101725					21,001,720	1,119,874	19,881,846	3,218,662	4,663,184	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	0	0	0	19,881,846	
1064	102027	AUTOMATED METER READING (AMR)	2017W	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
			2018W	F	1,500,000	0	1,500,000	0	0	1,500,000	0	0	0	0	0	0	0	0	0	1,500,000
			2019W	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
			2020W	F	1,500,000	0	1,500,000	0	0	0	0	1,500,000	0	0	0	0	0	0	0	1,500,000
			2021W	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
			2022W	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
			EW221	A	330,531	210,298	120,233	120,233	0	0	0	0	0	0	0	0	0	0	0	120,233
			FUT-W	F	151,000,000	0	151,000,000	0	0	0	0	0	0	0	0	151,000,000	0	0	0	151,000,000



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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
		TOTAL - 102027			160,330,531	210,298	160,120,233	120,233	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	151,000,000	0	0	0	160,120,233
		TOTAL - 1064			232,144,747	12,002,584	220,142,163	12,996,077	14,446,087	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	156,700,000	0	0	0	220,142,164
1065	101592	NW 37TH AVENUE - WATER MAINS IMPROVEMENTS NORTH OF 12 ST.	EW247	A	5,110,500	1,465,500	3,645,000	484,500	491,000	613,500	859,000	1,197,000	0	0	0	0	0	0	3,645,000
		TOTAL - 101592			5,110,500	1,465,500	3,645,000	484,500	491,000	613,500	859,000	1,197,000	0	0	0	0	0	0	3,645,000
1065	101601	WATER DISTRIBUTION SYSTEM ENHANCEMENTS	EW247	A	8,635,000	5,155,000	3,480,000	492,525	875,614	969,557	692,305	450,000	0	0	0	0	0	0	3,480,001
		TOTAL - 101601			8,635,000	5,155,000	3,480,000	492,525	875,614	969,557	692,305	450,000	0	0	0	0	0	0	3,480,001
1065	101602	WATER DISTRIBUTION SYSTEM NEEDS ASSESSMENT	EW247	A	14,116,000	6,095,200	8,020,800	2,140,000	3,242,400	1,916,000	499,200	223,200	0	0	0	0	0	0	8,020,800
		TOTAL - 101602			14,116,000	6,095,200	8,020,800	2,140,000	3,242,400	1,916,000	499,200	223,200	0	0	0	0	0	0	8,020,800
		TOTAL - 1065			27,861,500	12,715,700	15,145,800	3,117,025	4,609,014	3,499,057	2,050,505	1,870,200	0	0	0	0	0	0	15,145,801
1066	100792	WATER PLANTS REHABILITATION	EW221	A	23,058,366	6,313,366	16,745,000	1,827,500	5,917,500	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	0	0	0	16,745,000
			EW246	A	336,650	336,650	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
		TOTAL - 100792			23,397,839	6,652,840	16,744,999	1,827,500	5,917,500	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	0	0	0	16,745,000
1066	101714	SECURITY PROJECTS	2017W	F	545,104	0	545,104	0	545,104	0	0	0	0	0	0	0	0	0	545,104
			2018W	F	545,104	0	545,104	0	0	545,104	0	0	0	0	0	0	0	0	545,104
			EW221	A	9,818,196	580,696	9,237,500	355,000	2,882,500	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	9,237,500
			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
			EW260	A	1,000,000	0	1,000,000	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000
		TOTAL - 101714			14,108,404	580,696	13,527,708	3,555,000	3,427,604	1,545,104	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	13,527,708

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
		TOTAL - 1066			37,506,243	7,233,536	30,272,707	5,382,500	9,345,104	3,045,104	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	0	0	0	30,272,708
1067	100793	WATER SYSTEM UPGRADES	EW221	A	160,388,113	15,061,613	145,326,500	17,770,500	19,556,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	0	0	0	145,326,500	
			EW246	A	5,899,917	5,899,917	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 100793			166,288,030	20,961,530	145,326,500	17,770,500	19,556,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	0	0	0	145,326,500	
		TOTAL - 1067			166,288,030	20,961,530	145,326,500	17,770,500	19,556,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	0	0	0	145,326,500	
1070	101470	WATER TREATMENT PLANTS AND WELLFIELDS - SCADA SYSTEM	2017W	F	2,246,784	0	2,246,784	0	2,246,784	0	0	0	0	0	0	0	0	0	2,246,784
		TOTAL - 101470			2,246,784	0	2,246,784	0	2,246,784	0	0	0	0	0	0	0	0	0	2,246,784
		TOTAL - 1070			2,246,784	0	2,246,784	0	2,246,784	0	0	0	0	0	0	0	0	0	2,246,784
1072	101581	WTP - ELECTRICAL UPGRADES	2017W	F	33,913	0	33,913	0	33,913	0	0	0	0	0	0	0	0	0	33,913
			EW258	A	1,334,527	1,334,527	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	3,906,535	3,656,855	249,680	249,680	0	0	0	0	0	0	0	0	0	0	249,680
		TOTAL - 101581			5,274,975	4,991,382	283,593	249,680	33,913	0	0	0	0	0	0	0	0	0	283,593
1072	101880	REPLACE AND UPGRADE ELECTRICAL GENERATOR AT ALL WTPs	2017W	F	109,869	0	109,869	0	109,869	0	0	0	0	0	0	0	0	0	109,869
			2018W	F	971,130	0	971,130	0	0	971,130	0	0	0	0	0	0	0	0	971,130
			EW221	A	379,743	379,743	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	1,135,617	1,135,617	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	603,272	543,272	60,000	60,000	0	0	0	0	0	0	0	0	0	0	60,000
		TOTAL - 101880			3,199,631	2,058,632	1,140,999	60,000	109,869	971,130	0	0	0	0	0	0	0	0	1,140,999
		TOTAL - 1072			8,474,606	7,050,014	1,424,592	309,680	143,782	971,130	0	0	0	0	0	0	0	0	1,424,592

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1075	101546	WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS	2017W	F	1,144,898	0	1,144,898	0	1,144,898	0	0	0	0	0	0	0	0	0	0	0	1,144,898
			2018W	F	638,186	0	638,186	0	0	638,186	0	0	0	0	0	0	0	0	0	0	638,186
			2019W	F	1,841,834	0	1,841,834	0	0	0	1,841,834	0	0	0	0	0	0	0	0	0	1,841,834
			2020W	F	2,670,543	0	2,670,543	0	0	0	0	2,670,543	0	0	0	0	0	0	0	0	2,670,543
			2021W	F	3,944,098	0	3,944,098	0	0	0	0	0	3,944,098	0	0	0	0	0	0	0	3,944,098
			2022W	F	3,811,456	0	3,811,456	0	0	0	0	0	0	3,811,456	0	0	0	0	0	0	3,811,456
			EW252	A	18,689,418	13,200,885	5,488,533	250,000	5,238,533	0	0	0	0	0	0	0	0	0	0	0	5,488,533
			FUT-W	F	407,322,188	0	407,322,188	0	0	0	0	0	0	0	0	161,669,109	165,653,079	80,000,000	0	0	407,322,188
		TOTAL - 101546			440,062,621	13,200,885	426,861,736	250,000	6,383,431	638,186	1,841,834	2,670,543	3,944,098	3,811,456	161,669,109	165,653,079	80,000,000	0	0	0	426,861,736
1075	101891	NEW NWWF HIGH SERVICE PUMP STATION	2019W	F	610,154	0	610,154	0	0	0	610,154	0	0	0	0	0	0	0	0	0	610,154
			2020W	F	1,185,315	0	1,185,315	0	0	0	0	1,185,315	0	0	0	0	0	0	0	0	1,185,315
			2021W	F	2,212,610	0	2,212,610	0	0	0	0	0	2,212,610	0	0	0	0	0	0	0	2,212,610
			2022W	F	4,141,641	0	4,141,641	0	0	0	0	0	0	4,141,641	0	0	0	0	0	0	4,141,641
			FUT-W	F	35,100,280	0	35,100,280	0	0	0	0	0	0	0	0	20,000,000	15,100,280	0	0	0	35,100,280
		TOTAL - 101891			43,250,000	0	43,250,000	0	0	0	610,154	1,185,315	2,212,610	4,141,641	20,000,000	15,100,280	0	0	0	0	43,250,000
1075	102135	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	2017W	F	455,533	0	455,533	0	455,533	0	0	0	0	0	0	0	0	0	0	0	455,533
			2018W	F	1,284,506	0	1,284,506	0	0	1,284,506	0	0	0	0	0	0	0	0	0	0	1,284,506
			2019W	F	2,725,997	0	2,725,997	0	0	0	2,725,997	0	0	0	0	0	0	0	0	0	2,725,997

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1075	102135	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	2020W	F	4,500,000	0	4,500,000	0	0	0	0	4,500,000	0	0	0	0	0	0	4,500,000	
			2021W	F	3,000,000	0	3,000,000	0	0	0	0	3,000,000	0	0	0	0	0	0	3,000,000	
			2022W	F	3,500,000	0	3,500,000	0	0	0	0	0	3,500,000	0	0	0	0	0	3,500,000	
			EW221	A	2,120,509	2,120,509	0	0	0	0	0	0	0	0	0	0	0	0	0	
			FUT-W	F	12,000,000	0	12,000,000	0	0	0	0	0	0	0	12,000,000	0	0	0	0	12,000,000
TOTAL - 102135					29,586,545	2,120,509	27,466,036	0	455,533	1,284,506	2,725,997	4,500,000	3,000,000	3,500,000	12,000,000	0	0	0	27,466,036	
1075	102176	MONITORING WELL INSTALLATION	2021W	F	82,042	0	82,042	0	0	0	0	82,042	0	0	0	0	0	0	82,042	
			2022W	F	203,375	0	203,375	0	0	0	0	0	203,375	0	0	0	0	0	203,375	
			FUT-W	F	464,583	0	464,583	0	0	0	0	0	0	464,583	0	0	0	0	464,583	
TOTAL - 102176					750,000	0	750,000	0	0	0	0	82,042	203,375	464,583	0	0	0	750,000		
TOTAL - 1075					513,649,166	15,321,394	498,327,772	250,000	6,838,964	1,922,692	5,177,985	8,355,858	9,238,750	11,656,472	194,133,692	180,753,359	80,000,000	0	498,327,772	
1077	101364	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	2017W	F	1,620,448	0	1,620,448	0	1,620,448	0	0	0	0	0	0	0	0	0	1,620,448	
			2018W	F	2,500,000	0	2,500,000	0	0	2,500,000	0	0	0	0	0	0	0	0	0	2,500,000
			2019W	F	3,000,000	0	3,000,000	0	0	3,000,000	0	0	0	0	0	0	0	0	0	3,000,000
			2020W	F	4,000,000	0	4,000,000	0	0	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000
			2021W	F	5,000,000	0	5,000,000	0	0	5,000,000	0	0	5,000,000	0	0	0	0	0	0	5,000,000
			2022W	F	6,500,000	0	6,500,000	0	0	6,500,000	0	0	6,500,000	0	0	0	0	0	0	6,500,000
			EW258	A	220,945	220,945	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	5,605,365	605,365	5,000,000	5,000,000	0	0	0	0	0	0	0	0	0	0	0	5,000,000
FUT-W	F	235,730,201	0	235,730,201	0	0	0	0	0	0	0	235,730,201	0	0	0	0	0	235,730,201		

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								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
TOTAL - 101364					264,176,959	826,310	263,350,649	5,000,000	1,620,448	2,500,000	3,000,000	4,000,000	5,000,000	6,500,000	235,730,201	0	0	0	263,350,649	
1077	102021	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	2017W	F	9,131,335	0	9,131,335	0	9,131,335	0	0	0	0	0	0	0	0	0	9,131,335	
			2018W	F	6,450,762	0	6,450,762	0	0	6,450,762	0	0	0	0	0	0	0	0	6,450,762	
			2019W	F	3,000,000	0	3,000,000	0	0	0	3,000,000	0	0	0	0	0	0	0	3,000,000	
			EW258	A	6,859,313	6,859,313	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW260	A	12,558,590	5,239,761	7,318,829	7,318,829	0	0	0	0	0	0	0	0	0	0	7,318,829	
TOTAL - 102021					38,000,000	12,099,074	25,900,926	7,318,829	9,131,335	6,450,762	3,000,000	0	0	0	0	0	0	0	25,900,926	
TOTAL - 1077					302,176,959	12,925,384	289,251,575	12,318,829	10,751,783	8,950,762	6,000,000	4,000,000	5,000,000	6,500,000	235,730,201	0	0	0	289,251,575	
1078	101368	TELEMETERING SYSTEM - WATER	EW221	A	3,345,726	573,162	2,772,564	680,998	291,566	300,000	300,000	300,000	300,000	300,000	300,000	0	0	0	2,772,564	
TOTAL - 101368					3,345,726	573,162	2,772,564	680,998	291,566	300,000	300,000	300,000	300,000	300,000	300,000	0	0	0	2,772,564	
TOTAL - 1078					3,345,726	573,162	2,772,564	680,998	291,566	300,000	300,000	300,000	300,000	300,000	300,000	0	0	0	2,772,564	
1080	101879	INSTALLATION OF 36 INCH DI WATER MAIN IN NW 87TH AVE. FROM NW 170 ST. TO 102 AVE.	EW223	A	1,555,338	1,334,904	220,434	220,434	0	0	0	0	0	0	0	0	0	0	220,434	
TOTAL - 101879					1,555,338	1,334,904	220,434	220,434	0	0	0	0	0	0	0	0	0	0	0	220,434
1080	102182	CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP	EW223	A	4,000,000	0	4,000,000	0	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000	
TOTAL - 102182					4,000,000	0	4,000,000	0	4,000,000	0	0	0	0	0	0	0	0	0	4,000,000	
TOTAL - 1080					5,555,338	1,334,904	4,220,434	220,434	4,000,000	0	0	0	0	0	0	0	0	0	4,220,434	
1081	101966	INSTALLATION OF 12-INCH DIWM ON EAST DRIVE FROM NW 36 ST. TO LABARON DR.	EW205	A	8,074,101	1,018,339	7,055,762	734,981	1,003,523	2,309,699	2,007,559	1,000,000	0	0	0	0	0	0	7,055,762	



**MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

Projection by Project Sub-project by Year - Water

As of: 9/30/2016

Version 3

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS										
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future
		TOTAL - 101966			8,074,101	1,018,339	7,055,762	734,981	1,003,523	2,309,699	2,007,559	1,000,000	0	0	0	0	0	7,055,762
		TOTAL - 1081			8,074,101	1,018,339	7,055,762	734,981	1,003,523	2,309,699	2,007,559	1,000,000	0	0	0	0	0	7,055,762
1082	101969	WATER - PIPES AND INFRASTRUCTURE PROJECTS	EW221	A	110,378,629	46,378,629	64,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	0	0	0	64,000,000
			EW224	A	8,000,000	0	8,000,000	4,500,000	3,500,000	0	0	0	0	0	0	0	0	8,000,000
			EW246	A	14,875,793	14,875,793	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 101969			133,254,422	61,254,422	72,000,000	12,500,000	11,500,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	0	0	0	72,000,000
1082	102178	36-INCH WATER MAIN NW 106 STREET	2017W	F	1,724,284	0	1,724,284	0	1,724,284	0	0	0	0	0	0	0	0	1,724,284
			2018W	F	5,380,772	0	5,380,772	0	0	5,380,772	0	0	0	0	0	0	0	5,380,772
			2019W	F	230,512	0	230,512	0	0	0	230,512	0	0	0	0	0	0	230,512
			EW258	A	8,735	8,735	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	741,319	3,501	737,818	737,818	0	0	0	0	0	0	0	0	0	737,818
		TOTAL - 102178			8,085,622	12,235	8,073,387	737,818	1,724,284	5,380,772	230,512	0	0	0	0	0	0	8,073,386
1082	102179	36-INCH WATER MAIN NW 135 STREET	2017W	F	1,250,137	0	1,250,137	0	1,250,137	0	0	0	0	0	0	0	0	1,250,137
			2018W	F	8,891,347	0	8,891,347	0	0	8,891,347	0	0	0	0	0	0	0	8,891,347
			2019W	F	630,151	0	630,151	0	0	0	630,151	0	0	0	0	0	0	630,151
			EW258	A	4,029	4,029	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	657,173	1,173	656,000	656,000	0	0	0	0	0	0	0	0	0	656,000
		TOTAL - 102179			11,432,837	5,202	11,427,635	656,000	1,250,137	8,891,347	630,151	0	0	0	0	0	0	11,427,635
		TOTAL - 1082			152,772,881	61,271,859	91,501,022	13,893,818	14,474,421	22,272,119	8,860,663	8,000,000	8,000,000	8,000,000	8,000,000	0	0	91,501,021



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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**Projection by Project Sub-project by Year - Water
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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS													
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total		
1084	101678	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	2017W	F	4,018,819	0	4,018,819	0	4,018,819	0	0	0	0	0	0	0	0	0	0	0	4,018,819
			2018W	F	2,577,978	0	2,577,978	0	0	2,577,978	0	0	0	0	0	0	0	0	0	0	2,577,978
			2019W	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
			2020W	F	3,500,000	0	3,500,000	0	0	0	0	3,500,000	0	0	0	0	0	0	0	0	3,500,000
			2021W	F	3,999,999	0	3,999,999	0	0	0	0	0	3,999,999	0	0	0	0	0	0	0	3,999,999
			2022W	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
			EW246	A	855,004	855,004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW258	A	5,863,100	5,863,100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	4,476,010	1,211,071	3,264,939	3,264,939	0	0	0	0	0	0	0	0	0	0	0	0	3,264,939
			FUT-W	F	7,000,000	0	7,000,000	0	0	0	0	0	0	0	7,000,000	0	0	0	0	0	7,000,000
		TOTAL - 101678			38,790,910	7,929,176	30,861,734	3,264,939	4,018,819	2,577,978	3,500,000	3,500,000	3,999,999	3,000,000	7,000,000	0	0	0	0	0	30,861,735
1084	102136	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE A	EW222	A	11,423,000	2,609,983	8,813,017	4,745,492	3,019,444	1,048,081	0	0	0	0	0	0	0	0	0	0	8,813,017
			EW258	A	355,999	355,999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	4,027,255	145,445	3,881,810	3,881,810	0	0	0	0	0	0	0	0	0	0	0	0	3,881,810
		TOTAL - 102136			15,806,254	3,111,427	12,694,827	8,627,302	3,019,444	1,048,081	0	0	0	0	0	0	0	0	0	0	12,694,827
1084	102137	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	2017W	F	5,274,493	0	5,274,493	0	5,274,493	0	0	0	0	0	0	0	0	0	0	0	5,274,493
			2018W	F	1,173,853	0	1,173,853	0	0	1,173,853	0	0	0	0	0	0	0	0	0	0	1,173,853



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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**Projection by Project Sub-project by Year - Water
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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS												
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1084	102137	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	2019W	F	3,913,211	0	3,913,211	0	0	0	3,913,211	0	0	0	0	0	0	0	0	3,913,211
			2020W	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
			2021W	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
			2022W	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
			EW260	A	3,100,000	0	3,100,000	3,100,000	0	0	0	0	0	0	0	0	0	0	0	3,100,000
			FUT-W	F	14,100,000	0	14,100,000	0	0	0	0	0	0	0	14,100,000	0	0	0	0	14,100,000
		TOTAL - 102137			36,061,557	0	36,061,557	3,100,000	5,274,493	1,173,853	3,913,211	4,500,000	2,500,000	1,500,000	14,100,000	0	0	0	0	36,061,557
1084	102139	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE I IN SW 147th AVE AND SW 157th AVE BETWEEN SW 288th ST & SW 297th ST	2017W	F	419,737	0	419,737	0	419,737	0	0	0	0	0	0	0	0	0	0	419,737
			2018W	F	1,401,434	0	1,401,434	0	0	1,401,434	0	0	0	0	0	0	0	0	0	1,401,434
			2019W	F	188,756	0	188,756	0	0	0	188,756	0	0	0	0	0	0	0	0	188,756
			EW221	A	344,806	344,806	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	300,000	0	300,000	300,000	0	0	0	0	0	0	0	0	0	0	0	300,000
		TOTAL - 102139			2,654,733	344,806	2,309,927	300,000	419,737	1,401,434	188,756	0	0	0	0	0	0	0	0	2,309,927
1084	102141	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE B	2017W	F	1,776,259	0	1,776,259	0	1,776,259	0	0	0	0	0	0	0	0	0	0	1,776,259
			EW222	A	11,423,000	4,460,171	6,962,829	6,962,829	0	0	0	0	0	0	0	0	0	0	0	6,962,829
			EW258	A	34,962	34,962	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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

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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS												
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1084	102141	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE B	EW260	A	587,503	7,308	580,195	580,195	0	0	0	0	0	0	0	0	0	0	0	580,195
TOTAL - 102141					13,821,724	4,502,441	9,319,283	7,543,024	1,776,259	0	0	0	0	0	0	0	0	0	0	9,319,283
1084	102142	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	2017W	F	1,221,257	0	1,221,257	0	1,221,257	0	0	0	0	0	0	0	0	0	0	1,221,257
			2018W	F	2,800,000	0	2,800,000	0	0	2,800,000	0	0	0	0	0	0	0	0	0	2,800,000
			2019W	F	3,228,046	0	3,228,046	0	0	0	3,228,046	0	0	0	0	0	0	0	0	3,228,046
			2020W	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
			2021W	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
			2022W	F	2,500,000	0	2,500,000	0	0	0	0	0	0	2,500,000	0	0	0	0	0	2,500,000
			EW258	A	5,176	5,176	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	3,325,950	4,388	3,321,562	3,321,562	0	0	0	0	0	0	0	0	0	0	0	3,321,562
			FUT-W	F	19,000,000	0	19,000,000	0	0	0	0	0	0	0	19,000,000	0	0	0	0	19,000,000
TOTAL - 102142					40,080,429	9,564	40,070,865	3,321,562	1,221,257	2,800,000	3,228,046	3,500,000	4,500,000	2,500,000	19,000,000	0	0	0	0	40,070,865
1084	102144	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	2017W	F	83,209	0	83,209	0	83,209	0	0	0	0	0	0	0	0	0	0	83,209
			2018W	F	815,602	0	815,602	0	0	815,602	0	0	0	0	0	0	0	0	0	815,602
			2019W	F	328,252	0	328,252	0	0	0	328,252	0	0	0	0	0	0	0	0	328,252
			2020W	F	2,570,164	0	2,570,164	0	0	0	0	2,570,164	0	0	0	0	0	0	0	2,570,164



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS												
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total	
1084	102144	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE I	2021W	F	202,773	0	202,773	0	0	0	0	0	202,773	0	0	0	0	0	0	202,773
			2022W	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
			FUTFW	F	292,427,509	0	292,427,509	0	0	0	0	0	0	0	0	292,427,509	0	0	0	292,427,509
			FUT-W	F	3,500,000	0	3,500,000	0	0	0	0	0	0	0	3,500,000	0	0	0	0	3,500,000
		TOTAL - 102144			300,927,509	0	300,927,509	0	83,209	815,602	328,252	2,570,164	202,773	1,000,000	3,500,000	292,427,509	0	0	0	300,927,509
1084	102193	WATER MASTER PLAN	2017W	F	1,026,080	0	1,026,080	0	1,026,080	0	0	0	0	0	0	0	0	0	0	1,026,080
			EW260	A	1,000,000	0	1,000,000	1,000,000	0	0	0	0	0	0	0	0	0	0	0	1,000,000
		TOTAL - 102193			2,026,080	0	2,026,080	1,000,000	1,026,080	0	0	0	0	0	0	0	0	0	0	2,026,080
1084	102198	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE II IN SW 147th AVE AND SW 152nd AVE BETWEEN SW 288th ST & SW 296th ST	2017W	F	454,715	0	454,715	0	454,715	0	0	0	0	0	0	0	0	0	0	454,715
			2018W	F	1,843,209	0	1,843,209	0	0	1,843,209	0	0	0	0	0	0	0	0	0	1,843,209
			2019W	F	545,792	0	545,792	0	0	0	545,792	0	0	0	0	0	0	0	0	545,792
			EW260	A	115,857	0	115,857	115,857	0	0	0	0	0	0	0	0	0	0	0	115,857
		TOTAL - 102198			2,959,573	0	2,959,573	115,857	454,715	1,843,209	545,792	0	0	0	0	0	0	0	0	2,959,573
		TOTAL - 1084			453,128,769	15,897,414	437,231,355	27,272,684	17,294,013	11,660,157	11,704,057	14,070,164	11,202,772	8,000,000	43,600,000	292,427,509	0	0	0	437,231,356
		TOTAL - Water			2,708,196,353	281,878,008	2,426,318,345	147,290,526	222,055,373	176,667,990	141,137,592	132,487,446	104,314,341	103,719,778	758,560,759	505,584,543	134,500,000	0	0	2,426,318,348



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2016	Remaining Bond/Fund Allocation	PROJECTIONS											
								2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	Future	Total
		REPORT TOTAL			2,708,196,353	281,878,008	2,426,318,345	147,290,526	222,055,373	176,667,990	141,137,592	132,487,446	104,314,341	103,719,778	758,560,759	505,584,543	134,500,000	0	2,426,318,348

**MULTI-YEAR CAPITAL PLAN
WASTEWATER**



Miami-Dade Water and Sewer Department

2017-2023 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
2017-2023 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
2017-2023 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	OCEAN OUTFALL LEGISLATION REGULATORY
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
1048	200000580	OCEAN OUTFALL LEGISLATION CAPACITY

SUMMARY EXHIBITS



**Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN**

WASTEWATER PROJECTS

Version 3

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

Fund Description	Prior			Projections							Total
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	
WASD Revenue Bonds Sold	86	0	86	0	0	0	0	0	0	0	86
Wastewater Renewal & Replacement Fund	144,930	51,148	196,078	40,000	45,500	45,500	45,500	45,500	45,500	214,000	677,578
Plant Expansion Fund - Wastewater	66,471	77,866	144,336	7,045	7,161	0	0	0	0	0	158,541
General Obligation Bonds	8,807	3,874	12,681	8,724	16,013	18,562	22,339	25,425	25,586	14,783	144,113
Wastewater Special Construction Fund	28,219	0	28,219	0	0	0	0	0	0	0	28,219
Future WASD Revenue Bonds	0	0	0	292,260	274,289	294,667	339,011	364,124	395,757	6,330,705	8,290,814
State Revolving Loans - Wastewater	18,677	1,211	19,888	0	0	0	0	0	0	0	19,888
Construction - 2010 Bonds	39,136	0	39,136	0	0	0	0	0	0	0	39,136
Miami Springs Construction Fund	867	207	1,074	252	0	0	0	0	0	0	1,326
Future Funding	0	0	0	0	0	0	0	0	0	692,103	692,103
S Construction - 2013 Bonds	215,549	0	215,549	0	0	0	0	0	0	0	215,549
WASD Wastewater Commercial Paper - 2015	323,928	0	323,928	0	0	0	0	0	0	0	323,928
Total	846,669	134,305	980,975	348,280	342,963	358,729	406,850	435,049	466,843	7,251,591	10,591,281

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
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN**

WASTEWATER PROJECTS

Version 3

EXPENDITURE SUMMARY (in Thousands of Dollars)

- All Projects

Fund Description	Prior			Projections							
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total
WASD Revenue Bonds Sold	86	0	86	0	0	0	0	0	0	0	86
Wastewater Renewal & Replacement Fund	119,934	56,010	175,944	60,134	45,500	45,500	45,500	45,500	45,500	214,000	677,578
Plant Expansion Fund - Wastewater	64,980	79,356	144,336	7,045	7,161	0	0	0	0	0	158,541
General Obligation Bonds	8,807	3,874	12,681	8,724	16,013	18,562	22,339	25,425	25,586	14,783	144,113
Wastewater Special Construction Fund	6,393	2,500	8,893	1,734	2,500	2,500	2,500	2,500	7,592	0	28,219
Future WASD Revenue Bonds	0	0	0	292,260	274,289	294,667	339,011	364,124	395,757	6,330,705	8,290,814
State Revolving Loans - Wastewater	18,677	1,211	19,888	0	0	0	0	0	0	0	19,888
Construction - 2010 Bonds	38,767	369	39,136	0	0	0	0	0	0	0	39,136
Miami Springs Construction Fund	867	207	1,074	252	0	0	0	0	0	0	1,326
Future Funding	0	0	0	0	0	0	0	0	0	692,103	692,103
S Construction - 2013 Bonds	215,221	328	215,549	0	0	0	0	0	0	0	215,549
WASD Wastewater Commercial Paper - 2015	70,755	253,173	323,928	0	0	0	0	0	0	0	323,928
Total	544,487	397,028	941,515	370,148	345,463	361,229	409,350	437,549	474,435	7,251,591	10,591,281

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

2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023						
174,304,389															
REVENUES															
	0	0	0	3,946,276	1,758,423	3,753,952	5,463,066	4,600,000	3,489,825		149,431,358	172,442,900	Future WSD Revenue Bonds		
	1,861,489	0	1,861,489	0	0	0	0	0	0		0	1,861,489	WSD Wastewater Commercial Paper - 2015		
TOTAL	1,861,489	0	1,861,489	3,946,276	1,758,423	3,753,952	5,463,066	4,600,000	3,489,825		149,431,358	174,304,389			
EXPENDITURES															
	0	0	0	3,946,276	1,758,423	3,753,952	5,463,066	4,600,000	3,489,825		149,431,358	172,442,900	Future WSD Revenue Bonds		
	6,981	1,854,508	1,861,489	0	0	0	0	0	0		0	1,861,489	WSD Wastewater Commercial Paper - 2015		
TOTAL	6,981	1,854,508	1,861,489	3,946,276	1,758,423	3,753,952	5,463,066	4,600,000	3,489,825		149,431,358	174,304,389			



Miami-Dade Water and Sewer Department

2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
135,970,633														
REVENUES														
	0	0	0	0	0	0	0	0	0	0	7,514,359	7,514,359	Future Funding	
	0	0	0	2,500,000	2,870,000	5,281,017	3,120,000	1,000,000	985,641		108,625,000	124,381,658	Future WASH Revenue Bonds	
	1,638,163	0	1,638,163	0	0	0	0	0	0	0	0	1,638,163	S Construction - 2013 Bonds	
	2,436,453	0	2,436,453	0	0	0	0	0	0	0	0	2,436,453	WASH Wastewater Commercial Paper - 2015	
TOTAL	4,074,616	0	4,074,616	2,500,000	2,870,000	5,281,017	3,120,000	1,000,000	985,641		116,139,359	135,970,633		
EXPENDITURES														
	0	0	0	0	0	0	0	0	0	0	7,514,359	7,514,359	Future Funding	
	0	0	0	2,500,000	2,870,000	5,281,017	3,120,000	1,000,000	985,641		108,625,000	124,381,658	Future WASH Revenue Bonds	
	1,638,163	0	1,638,163	0	0	0	0	0	0	0	0	1,638,163	S Construction - 2013 Bonds	
	90,693	2,345,760	2,436,453	0	0	0	0	0	0	0	0	2,436,453	WASH Wastewater Commercial Paper - 2015	
TOTAL	1,728,856	2,345,760	4,074,616	2,500,000	2,870,000	5,281,017	3,120,000	1,000,000	985,641		116,139,359	135,970,633		



Miami-Dade Water and Sewer Department

2017 - 2023 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							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
	42,551,379													
REVENUES														
		0	0	0	1,353,097	1,545,325	3,678,921	2,017,299	3,000,862	4,500,000	26,455,875	42,551,379	Future WSD Revenue Bonds	
TOTAL		0	0	0	1,353,097	1,545,325	3,678,921	2,017,299	3,000,862	4,500,000	26,455,875	42,551,379		
EXPENDITURES														
		0	0	0	1,353,097	1,545,325	3,678,921	2,017,299	3,000,862	4,500,000	26,455,875	42,551,379	Future WSD Revenue Bonds	
TOTAL		0	0	0	1,353,097	1,545,325	3,678,921	2,017,299	3,000,862	4,500,000	26,455,875	42,551,379		



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
223,411,229													
REVENUES													
	18,466,219	0	18,466,219	0	0	0	0	0	0	0	0	18,466,219	Construction - 2010 Bonds
	0	0	0	0	0	0	0	0	0	0	52,462,085	52,462,085	Future Funding
	0	0	0	1,000,000	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	127,200,000	136,200,000	136,200,000	Future WAST Revenue Bonds
	8,599,391	0	8,599,391	0	0	0	0	0	0	0	0	8,599,391	S Construction - 2013 Bonds
	7,683,534	0	7,683,534	0	0	0	0	0	0	0	0	7,683,534	WAST Wastewater Commercial Paper - 2015
TOTAL	34,749,144	0	34,749,144	1,000,000	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	179,662,085	223,411,229	223,411,229	
EXPENDITURES													
	18,466,219	0	18,466,219	0	0	0	0	0	0	0	0	18,466,219	Construction - 2010 Bonds
	0	0	0	0	0	0	0	0	0	0	52,462,085	52,462,085	Future Funding
	0	0	0	1,000,000	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	127,200,000	136,200,000	136,200,000	Future WAST Revenue Bonds
	8,599,391	0	8,599,391	0	0	0	0	0	0	0	0	8,599,391	S Construction - 2013 Bonds
	44,630	7,638,904	7,683,534	0	0	0	0	0	0	0	0	7,683,534	WAST Wastewater Commercial Paper - 2015
TOTAL	27,110,240	7,638,904	34,749,144	1,000,000	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	179,662,085	223,411,229	223,411,229	



Miami-Dade Water and Sewer Department

2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
474,960,069														
REVENUES														
	0	0	0	0	0	0	0	0	0	0	364,515,175	364,515,175	Future Funding	
	0	0	0	1,695,905	3,480,575	7,065,077	12,546,882	13,615,893	12,750,000		58,951,035	110,105,367	Future WASH Revenue Bonds	
	267,553	0	267,553	0	0	0	0	0	0	0	0	267,553	S Construction - 2013 Bonds	
	71,974	0	71,974	0	0	0	0	0	0	0	0	71,974	WASH Wastewater Commercial Paper - 2015	
TOTAL	339,527	0	339,527	1,695,905	3,480,575	7,065,077	12,546,882	13,615,893	12,750,000		423,466,210	474,960,069		
EXPENDITURES														
	0	0	0	0	0	0	0	0	0	0	364,515,175	364,515,175	Future Funding	
	0	0	0	1,695,905	3,480,575	7,065,077	12,546,882	13,615,893	12,750,000		58,951,035	110,105,367	Future WASH Revenue Bonds	
	267,553	0	267,553	0	0	0	0	0	0	0	0	267,553	S Construction - 2013 Bonds	
	0	71,974	71,974	0	0	0	0	0	0	0	0	71,974	WASH Wastewater Commercial Paper - 2015	
TOTAL	267,553	71,974	339,527	1,695,905	3,480,575	7,065,077	12,546,882	13,615,893	12,750,000		423,466,210	474,960,069		



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
45,289,076													
REVENUES													
	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	2,348,343	5,188,910	5,778,953	5,401,622	4,816,370	5,500,000	4,000,001	33,034,199	33,034,199	Future WASD Revenue Bonds
	2,976,424	0	2,976,424	0	0	0	0	0	0	0	0	2,976,424	Plant Expansion Fund - Wastewater
	3,124,860	0	3,124,860	0	0	0	0	0	0	0	0	3,124,860	S Construction - 2013 Bonds
	2,478,107	0	2,478,107	0	0	0	0	0	0	0	0	2,478,107	WASD Wastewater Commercial Paper - 2015
TOTAL	11,426,877	0	11,426,877	2,348,343	5,188,910	5,778,953	5,401,622	4,816,370	5,500,000	4,828,001	45,289,076		
EXPENDITURES													
	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	2,348,343	5,188,910	5,778,953	5,401,622	4,816,370	5,500,000	4,000,001	33,034,199	33,034,199	Future WASD Revenue Bonds
	2,976,424	0	2,976,424	0	0	0	0	0	0	0	0	2,976,424	Plant Expansion Fund - Wastewater
	3,124,860	0	3,124,860	0	0	0	0	0	0	0	0	3,124,860	S Construction - 2013 Bonds
	287,991	2,190,116	2,478,107	0	0	0	0	0	0	0	0	2,478,107	WASD Wastewater Commercial Paper - 2015
TOTAL	9,236,761	2,190,116	11,426,877	2,348,343	5,188,910	5,778,953	5,401,622	4,816,370	5,500,000	4,828,001	45,289,076		



Miami-Dade Water and Sewer Department

2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
33,965,519														
REVENUES														
	0	0	0	2,447,662	3,000,000	3,687,678	4,500,000	6,000,000	5,120,573	6,275,880	31,031,793	Future WSD Revenue Bonds		
	241,829	0	241,829	0	0	0	0	0	0	0	241,829	S Construction - 2013 Bonds		
	2,691,897	0	2,691,897	0	0	0	0	0	0	0	2,691,897	WASD Wastewater Commercial Paper - 2015		
TOTAL	2,933,726	0	2,933,726	2,447,662	3,000,000	3,687,678	4,500,000	6,000,000	5,120,573	6,275,880	33,965,519			
EXPENDITURES														
	0	0	0	2,447,662	3,000,000	3,687,678	4,500,000	6,000,000	5,120,573	6,275,880	31,031,793	Future WSD Revenue Bonds		
	241,830	0	241,830	0	0	0	0	0	0	0	241,830	S Construction - 2013 Bonds		
	96,886	2,595,011	2,691,897	0	0	0	0	0	0	0	2,691,897	WASD Wastewater Commercial Paper - 2015		
TOTAL	338,715	2,595,011	2,933,726	2,447,662	3,000,000	3,687,678	4,500,000	6,000,000	5,120,573	6,275,880	33,965,519			



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
35,579,917													
REVENUES													
	3,991,282	0	3,991,282	0	0	0	0	0	0	0	0	3,991,282	Construction - 2010 Bonds
	0	0	0	2,258,452	4,550,000	3,650,000	3,350,000	1,224,112	1,000,000	500,000	16,532,564	Future WAST Revenue Bonds	
	1,161,510	0	1,161,510	0	0	0	0	0	0	0	1,161,510	S Construction - 2013 Bonds	
	4,545,895	0	4,545,895	0	0	0	0	0	0	0	4,545,895	WAST Wastewater Commercial Paper - 2015	
	9,348,666	0	9,348,666	0	0	0	0	0	0	0	9,348,666	Wastewater Renewal & Replacement Fund	
TOTAL	19,047,353	0	19,047,353	2,258,452	4,550,000	3,650,000	3,350,000	1,224,112	1,000,000	500,000	35,579,917		
EXPENDITURES													
	3,622,398	368,884	3,991,282	0	0	0	0	0	0	0	3,991,282	Construction - 2010 Bonds	
	0	0	0	2,258,452	4,550,000	3,650,000	3,350,000	1,224,112	1,000,000	500,000	16,532,564	Future WAST Revenue Bonds	
	833,972	327,538	1,161,510	0	0	0	0	0	0	0	1,161,510	S Construction - 2013 Bonds	
	202,397	4,343,498	4,545,895	0	0	0	0	0	0	0	4,545,895	WAST Wastewater Commercial Paper - 2015	
	9,348,666	0	9,348,666	0	0	0	0	0	0	0	9,348,666	Wastewater Renewal & Replacement Fund	
TOTAL	14,007,433	5,039,920	19,047,353	2,258,452	4,550,000	3,650,000	3,350,000	1,224,112	1,000,000	500,000	35,579,917		



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1012. SANITARY SEWER SYSTEM IMPROVEMENTS
Commission District(s) Systemwide
OSBM No. 9650221

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
REVENUES	28,219,293													
		28,219,293	0	28,219,293	0	0	0	0	0	0	0	0	28,219,293	Wastewater Special Construction Fund
TOTAL		28,219,293	0	28,219,293	0	0	0	0	0	0	0	0	28,219,293	
EXPENDITURES														
		6,393,294	2,500,000	8,893,294	1,734,490	2,500,000	2,500,000	2,500,000	2,500,000	7,591,509	0	0	28,219,293	Wastewater Special Construction Fund
TOTAL		6,393,294	2,500,000	8,893,294	1,734,490	2,500,000	2,500,000	2,500,000	2,500,000	7,591,509	0	0	28,219,293	



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
142,250,449													
REVENUES													
	0	0	0	0	0	0	0	0	0	0	25,000,000	25,000,000	Future Funding
	0	0	0	5,230,202	3,876,352	6,317,882	7,361,265	12,193,297	14,808,947		64,697,500	114,485,445	Future WASH Revenue Bonds
	235,312	0	235,312	0	0	0	0	0	0	0	0	235,312	S Construction - 2013 Bonds
	2,529,692	0	2,529,692	0	0	0	0	0	0	0	0	2,529,692	WASH Wastewater Commercial Paper - 2015
TOTAL	2,765,004	0	2,765,004	5,230,202	3,876,352	6,317,882	7,361,265	12,193,297	14,808,947		89,697,500	142,250,449	
EXPENDITURES													
	0	0	0	0	0	0	0	0	0	0	25,000,000	25,000,000	Future Funding
	0	0	0	5,230,202	3,876,352	6,317,882	7,361,265	12,193,297	14,808,947		64,697,500	114,485,445	Future WASH Revenue Bonds
	235,312	0	235,312	0	0	0	0	0	0	0	0	235,312	S Construction - 2013 Bonds
	28,695	2,500,996	2,529,691	0	0	0	0	0	0	0	0	2,529,691	WASH Wastewater Commercial Paper - 2015
TOTAL	264,007	2,500,996	2,765,003	5,230,202	3,876,352	6,317,882	7,361,265	12,193,297	14,808,947		89,697,500	142,250,448	



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
2,611,591													
REVENUES													
	0	0	0	100,000	300,000	400,000	400,000	500,000	0	0	1,700,000	Future WASH Revenue Bonds	
	120,147	0	120,147	0	0	0	0	0	0	0	120,147	S Construction - 2013 Bonds	
	791,444	0	791,444	0	0	0	0	0	0	0	791,444	WASH Wastewater Commercial Paper - 2015	
TOTAL	911,591	0	911,591	100,000	300,000	400,000	400,000	500,000	0	0	2,611,591		
EXPENDITURES													
	0	0	0	100,000	300,000	400,000	400,000	500,000	0	0	1,700,000	Future WASH Revenue Bonds	
	120,147	0	120,147	0	0	0	0	0	0	0	120,147	S Construction - 2013 Bonds	
	15,740	775,704	791,444	0	0	0	0	0	0	0	791,444	WASH Wastewater Commercial Paper - 2015	
TOTAL	135,887	775,704	911,591	100,000	300,000	400,000	400,000	500,000	0	0	2,611,591		



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1015. PUMP STATION IMPROVEMENTS PROGRAM
Commission District(s) Systemwide
OSBM No. 9651071

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue	
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
264,757,877														
REVENUES														
	0	0	0	32,138,156	34,862,115	3,000,000	4,000,000	5,000,000	6,000,000	94,467,242	179,467,513	Future WASD Revenue Bonds		
	0	35,659,888	35,659,888	7,044,812	7,160,642	0	0	0	0	0	49,865,342	Plant Expansion Fund - Wastewater		
	25,404,575	0	25,404,575	0	0	0	0	0	0	0	25,404,575	S Construction - 2013 Bonds		
	10,020,447	0	10,020,447	0	0	0	0	0	0	0	10,020,447	WASD Wastewater Commercial Paper - 2015		
TOTAL	35,425,022	35,659,888	71,084,910	39,182,968	42,022,757	3,000,000	4,000,000	5,000,000	6,000,000	94,467,242	264,757,877			
EXPENDITURES														
	0	0	0	32,138,156	34,862,115	3,000,000	4,000,000	5,000,000	6,000,000	94,467,242	179,467,513	Future WASD Revenue Bonds		
	0	35,659,888	35,659,888	7,044,812	7,160,642	0	0	0	0	0	49,865,342	Plant Expansion Fund - Wastewater		
	25,404,575	0	25,404,575	0	0	0	0	0	0	0	25,404,575	S Construction - 2013 Bonds		
	10,020,447	0	10,020,447	0	0	0	0	0	0	0	10,020,447	WASD Wastewater Commercial Paper - 2015		
TOTAL	35,425,022	35,659,888	71,084,910	39,182,968	42,022,757	3,000,000	4,000,000	5,000,000	6,000,000	94,467,242	264,757,877			



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1018. PEAK FLOW MANAGEMENT FACILITIES
Commission District(s) Systemwide
OSBM No. 9653371

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
79,045,418													
REVENUES													
	0	0	0	9,242,772	8,194,955	5,000,000	2,000,000	1,000,000	1,000,000	0	26,437,727	Future WSD Revenue Bonds	
	45,932,067	5,000,000	50,932,067	0	0	0	0	0	0	0	50,932,067	Plant Expansion Fund - Wastewater	
	1,675,624	0	1,675,624	0	0	0	0	0	0	0	1,675,624	WSD Wastewater Commercial Paper - 2015	
TOTAL	47,607,691	5,000,000	52,607,691	9,242,772	8,194,955	5,000,000	2,000,000	1,000,000	1,000,000	0	79,045,418		
EXPENDITURES													
	0	0	0	9,242,772	8,194,955	5,000,000	2,000,000	1,000,000	1,000,000	0	26,437,727	Future WSD Revenue Bonds	
	45,932,067	5,000,000	50,932,067	0	0	0	0	0	0	0	50,932,067	Plant Expansion Fund - Wastewater	
	26,212	1,649,412	1,675,624	0	0	0	0	0	0	0	1,675,624	WSD Wastewater Commercial Paper - 2015	
TOTAL	45,958,279	6,649,412	52,607,691	9,242,772	8,194,955	5,000,000	2,000,000	1,000,000	1,000,000	0	79,045,418		



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
229,711,020														
REVENUES														
	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	2,613,135	2,613,135	3,038,444	1,000,000	500,000	500,000	721,630	10,986,344	10,986,344	Future WAST Revenue Bonds	
	3,305,272	0	3,305,272	0	0	0	0	0	0	0	0	3,305,272	S Construction - 2013 Bonds	
	10,655,341	0	10,655,341	0	0	0	0	0	0	0	0	10,655,341	WAST Wastewater Commercial Paper - 2015	
	8,395,557	3,800,000	12,195,557	0	0	0	0	0	0	0	0	12,195,557	Wastewater Renewal & Replacement Fund	
TOTAL	24,791,185	3,800,000	28,591,185	2,613,135	2,613,135	3,038,444	1,000,000	500,000	500,000	190,855,121	229,711,020			
EXPENDITURES														
	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	2,613,135	2,613,135	3,038,444	1,000,000	500,000	500,000	721,630	10,986,344	10,986,344	Future WAST Revenue Bonds	
	3,305,272	0	3,305,272	0	0	0	0	0	0	0	0	3,305,272	S Construction - 2013 Bonds	
	748,528	9,906,809	10,655,337	0	0	0	0	0	0	0	0	10,655,337	WAST Wastewater Commercial Paper - 2015	
	8,395,557	3,800,000	12,195,557	0	0	0	0	0	0	0	0	12,195,557	Wastewater Renewal & Replacement Fund	
TOTAL	14,884,372	13,706,809	28,591,181	2,613,135	2,613,135	3,038,444	1,000,000	500,000	500,000	190,855,121	229,711,016			



Miami-Dade Water and Sewer Department

2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
100,575,654														
REVENUES														
	0	0	0	1,600,000	8,121,309	11,695,729	12,298,550	17,952,756	9,739,682	37,715,000	99,123,026	Future WASH Revenue Bonds		
	424,345	0	424,345	0	0	0	0	0	0	0	424,345	S Construction - 2013 Bonds		
	1,028,283	0	1,028,283	0	0	0	0	0	0	0	1,028,283	WASH Wastewater Commercial Paper - 2015		
TOTAL	1,452,628	0	1,452,628	1,600,000	8,121,309	11,695,729	12,298,550	17,952,756	9,739,682	37,715,000	100,575,654			
EXPENDITURES														
	0	0	0	1,600,000	8,121,309	11,695,729	12,298,550	17,952,756	9,739,682	37,715,000	99,123,026	Future WASH Revenue Bonds		
	424,344	0	424,344	0	0	0	0	0	0	0	424,344	S Construction - 2013 Bonds		
	114,908	913,375	1,028,283	0	0	0	0	0	0	0	1,028,283	WASH Wastewater Commercial Paper - 2015		
TOTAL	539,252	913,375	1,452,627	1,600,000	8,121,309	11,695,729	12,298,550	17,952,756	9,739,682	37,715,000	100,575,653			



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
7,421,982														
REVENUES														
	1,375,711	0	1,375,711	0	0	0	0	0	0	0	0	1,375,711	Construction - 2010 Bonds	
	1,278,707	0	1,278,707	0	0	0	0	0	0	0	0	1,278,707	WASD Wastewater Commercial Paper - 2015	
	486,566	1,280,998	1,767,564	0	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,767,564	Wastewater Renewal & Replacement Fund	
TOTAL	3,140,984	1,280,998	4,421,982	0	500,000	500,000	500,000	500,000	500,000	500,000	500,000	7,421,982		
EXPENDITURES														
	1,375,711	0	1,375,711	0	0	0	0	0	0	0	0	1,375,711	Construction - 2010 Bonds	
	0	1,278,707	1,278,707	0	0	0	0	0	0	0	0	1,278,707	WASD Wastewater Commercial Paper - 2015	
	0	1,280,998	1,280,998	486,566	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,767,564	Wastewater Renewal & Replacement Fund	
TOTAL	1,375,711	2,559,705	3,935,416	486,566	500,000	500,000	500,000	500,000	500,000	500,000	500,000	7,421,982		



Miami-Dade Water and Sewer Department

2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1024. WASTEWATER SYSTEM MAINTENANCE AND UPGRADES

Commission District(s) Systemwide

OSBM No. 9650361

	Prior			Projections								Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		
REVENUES	315,780,582												
		3,187,825	0	3,187,825	0	0	0	0	0	0	0	3,187,825	Construction - 2010 Bonds
		21,260,816	18,428,441	39,689,257	14,403,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	312,592,757	Wastewater Renewal & Replacement Fund
TOTAL		24,448,641	18,428,441	42,877,082	14,403,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	315,780,582	
EXPENDITURES													
		3,187,825	0	3,187,825	0	0	0	0	0	0	0	3,187,825	Construction - 2010 Bonds
		18,260,816	18,428,441	36,689,257	17,403,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	312,592,757	Wastewater Renewal & Replacement Fund
TOTAL		21,448,641	18,428,441	39,877,082	17,403,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	315,780,582	



Miami-Dade Water and Sewer Department

2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1025. LIFT STATION UPGRADES AND STRUCTURAL MAINTENANCE IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650371

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
	44,615,150													
REVENUES														
		1,930,778	0	1,930,778	0	0	0	0	0	0	0	1,930,778	Construction - 2010 Bonds	
		0	0	0	1,886,474	1,626,569	2,000,000	1,500,000	500,000	1,000,000	5,000,000	13,513,043	Future WASH Revenue Bonds	
		256,221	0	256,221	0	0	0	0	0	0	0	256,221	WASH Wastewater Commercial Paper - 2015	
		7,855,108	60,000	7,915,108	0	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	28,915,108	Wastewater Renewal & Replacement Fund	
TOTAL		10,042,107	60,000	10,102,107	1,886,474	5,126,569	5,500,000	5,000,000	4,000,000	4,500,000	8,500,000	44,615,150		
EXPENDITURES														
		1,930,778	0	1,930,778	0	0	0	0	0	0	0	1,930,778	Construction - 2010 Bonds	
		0	0	0	1,886,474	1,626,569	2,000,000	1,500,000	500,000	1,000,000	5,000,000	13,513,043	Future WASH Revenue Bonds	
		0	256,221	256,221	0	0	0	0	0	0	0	256,221	WASH Wastewater Commercial Paper - 2015	
		4,330,408	60,000	4,390,408	3,524,700	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	28,915,108	Wastewater Renewal & Replacement Fund	
TOTAL		6,261,186	316,221	6,577,407	5,411,174	5,126,569	5,500,000	5,000,000	4,000,000	4,500,000	8,500,000	44,615,150		



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1027. WASTEWATER EQUIPMENT AND VEHICLES
Commission District(s) Systemwide
OSBM No. 9650301

	Prior			Projections								Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
REVENUES	135,953,816													
		551,811	0	551,811	0	0	0	0	0	0	0	551,811	WASD Wastewater Commercial Paper - 2015	
		32,902,554	15,277,451	48,180,005	6,222,000	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	135,402,005	Wastewater Renewal & Replacement Fund	
TOTAL		33,454,365	15,277,451	48,731,816	6,222,000	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	135,953,816		
EXPENDITURES														
		0	551,811	551,811	0	0	0	0	0	0	0	551,811	WASD Wastewater Commercial Paper - 2015	
		20,258,679	16,466,553	36,725,232	17,676,773	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	135,402,005	Wastewater Renewal & Replacement Fund	
TOTAL		20,258,679	17,018,364	37,277,043	17,676,773	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	135,953,816		



Miami-Dade Water and Sewer Department

2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
168,336,942														
REVENUES														
	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	608,333	3,526,484	0	0	0	0	0	0	4,134,817	Future WAST Revenue Bonds	
	16,363	0	16,363	0	0	0	0	0	0	0	0	16,363	S Construction - 2013 Bonds	
	1,216,666	0	1,216,666	0	0	0	0	0	0	0	0	1,216,666	WAST Wastewater Commercial Paper - 2015	
	24,872,525	9,300,881	34,173,406	16,374,500	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	110,547,906	Wastewater Renewal & Replacement Fund	
TOTAL	26,876,744	9,300,881	36,177,625	16,982,833	13,526,484	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	61,650,000	168,336,942		
EXPENDITURES														
	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	608,333	3,526,484	0	0	0	0	0	0	4,134,817	Future WAST Revenue Bonds	
	16,363	0	16,363	0	0	0	0	0	0	0	0	16,363	S Construction - 2013 Bonds	
	0	1,216,666	1,216,666	0	0	0	0	0	0	0	0	1,216,666	WAST Wastewater Commercial Paper - 2015	
	19,531,406	12,974,500	32,505,906	18,042,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	110,547,906	Wastewater Renewal & Replacement Fund	
TOTAL	20,318,959	14,191,166	34,510,125	18,650,333	13,526,484	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	61,650,000	168,336,942		



Miami-Dade Water and Sewer Department

2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1032. WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652061

	Prior			Projections								Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		
REVENUES	14,300,000												
		0	0	0	2,488,743	288,424	3,793,312	160,180	500,000	500,000	6,500,000	14,230,659	Future WASH Revenue Bonds
		69,341	0	69,341	0	0	0	0	0	0	0	69,341	WASH Wastewater Commercial Paper - 2015
TOTAL		69,341	0	69,341	2,488,743	288,424	3,793,312	160,180	500,000	500,000	6,500,000	14,300,000	
EXPENDITURES													
		0	0	0	2,488,743	288,424	3,793,312	160,180	500,000	500,000	6,500,000	14,230,659	Future WASH Revenue Bonds
		0	69,341	69,341	0	0	0	0	0	0	0	69,341	WASH Wastewater Commercial Paper - 2015
TOTAL		0	69,341	69,341	2,488,743	288,424	3,793,312	160,180	500,000	500,000	6,500,000	14,300,000	



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		
REVENUES	1,326,105												
		866,794	207,466	1,074,260	251,845	0	0	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL		866,794	207,466	1,074,260	251,845	0	0	0	0	0	0	1,326,105	
EXPENDITURES													
		866,794	207,466	1,074,260	251,845	0	0	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL		866,794	207,466	1,074,260	251,845	0	0	0	0	0	0	1,326,105	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1040. OCEAN OUTFALL LEGISLATION REGULATORY
Commission District(s) Systemwide
OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
4,231,764,992														
REVENUES														
	344,254	0	344,254	0	0	0	0	0	0	0	0	344,254	344,254	Construction - 2010 Bonds
	0	0	0	24,146,631	20,249,751	45,221,571	54,287,736	65,814,070	98,582,014	3,842,588,889	4,150,890,662	4,150,890,662	Future WASH Revenue Bonds	
	5,735,466	6,140,176	11,875,642	0	0	0	0	0	0	0	0	11,875,642	11,875,642	Plant Expansion Fund - Wastewater
	22,415,086	0	22,415,086	0	0	0	0	0	0	0	0	22,415,086	22,415,086	S Construction - 2013 Bonds
	18,676,932	1,210,955	19,887,887	0	0	0	0	0	0	0	0	19,887,887	19,887,887	State Revolving Loans - Wastewater
	26,351,461	0	26,351,461	0	0	0	0	0	0	0	0	26,351,461	26,351,461	WASH Wastewater Commercial Paper - 2015
TOTAL	73,523,199	7,351,131	80,874,330	24,146,631	20,249,751	45,221,571	54,287,736	65,814,070	98,582,014	3,842,588,889	4,231,764,992	4,231,764,992		



Miami-Dade Water and Sewer Department

2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 3

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
EXPENDITURES														
	344,254	0	344,254	0	0	0	0	0	0	0	0	344,254	Construction - 2010 Bonds	
	0	0	0	24,146,631	20,249,751	45,221,571	54,287,736	65,814,070	98,582,014	3,842,588,889	4,150,890,662	Future WASH Revenue Bonds		
	5,735,466	6,140,176	11,875,642	0	0	0	0	0	0	0	11,875,642	Plant Expansion Fund - Wastewater		
	22,415,086	0	22,415,086	0	0	0	0	0	0	0	22,415,086	S Construction - 2013 Bonds		
	18,676,932	1,210,955	19,887,887	0	0	0	0	0	0	0	19,887,887	State Revolving Loans - Wastewater		
	8,658,757	17,692,704	26,351,461	0	0	0	0	0	0	0	26,351,461	WASH Wastewater Commercial Paper - 2015		
TOTAL	55,830,495	25,043,835	80,874,330	24,146,631	20,249,751	45,221,571	54,287,736	65,814,070	98,582,014	3,842,588,889	4,231,764,992			



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1041. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 222222

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
REVENUES	18,112,500													
		8,731,300	1,662,625	10,393,925	2,252,514	2,087,157	1,676,105	1,702,800	0	0	0	18,112,501	General Obligation Bonds	
TOTAL		8,731,300	1,662,625	10,393,925	2,252,514	2,087,157	1,676,105	1,702,800	0	0	0	18,112,501		
EXPENDITURES														
		8,731,300	1,662,625	10,393,925	2,252,514	2,087,157	1,676,105	1,702,800	0	0	0	18,112,501	General Obligation Bonds	
TOTAL		8,731,300	1,662,625	10,393,925	2,252,514	2,087,157	1,676,105	1,702,800	0	0	0	18,112,501		



Miami-Dade Water and Sewer Department

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WASTEWATER PROJECTS

1042. WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 968750

	Prior			Projections								Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
REVENUES	34,214,200														
		1,426,210	0	1,426,210	0	0	0	0	0	0	0	0	1,426,210	Construction - 2010 Bonds	
		8,787,990	3,000,000	11,787,990	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	32,787,990	Wastewater Renewal & Replacement Fund	
TOTAL		10,214,200	3,000,000	13,214,200	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	34,214,200		
EXPENDITURES															
		1,426,210	0	1,426,210	0	0	0	0	0	0	0	0	1,426,210	Construction - 2010 Bonds	
		8,787,990	3,000,000	11,787,990	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	32,787,990	Wastewater Renewal & Replacement Fund	
TOTAL		10,214,200	3,000,000	13,214,200	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	34,214,200		



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

	Prior			Projections								Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
1,353,074,600															
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	112,018,315	112,609,565	114,973,81	143,615,09	139,104,453	122,083,202	393,328,757	1,137,733,207	Future WAST Revenue Bonds			
	53,077,747	0	53,077,747	0	0	0	0	0	0	0	53,077,747	S Construction - 2013 Bonds			
	85,850	0	85,850	0	0	0	0	0	0	0	85,850	WASD Revenue Bonds Sold			
	134,151,897	0	134,151,897	0	0	0	0	0	0	0	134,151,897	WASD Wastewater Commercial Paper - 2015			
	25,672,260	0	25,672,260	0	0	0	0	0	0	0	25,672,260	Wastewater Renewal & Replacement Fund			
TOTAL	215,341,393	0	215,341,393	112,018,315	112,609,565	114,973,819	143,615,096	139,104,453	122,083,202	393,328,757	1,353,074,600				



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 3

1044. WASTEWATER TREATMENT PLANTS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
EXPENDITURES													
	2,353,639	0	2,353,639	0	0	0	0	0	0	0	0	2,353,639	Construction - 2010 Bonds
	0	0	0	112,018,315	112,609,565	114,973,81	143,615,09	139,104,453	122,083,203	393,328,757	1,137,733,208	Future WASH Revenue Bonds	
	53,077,746	0	53,077,746	0	0	0	0	0	0	0	53,077,746	S Construction - 2013 Bonds	
	85,850	0	85,850	0	0	0	0	0	0	0	85,850	WASH Revenue Bonds Sold	
	30,802,064	103,349,833	134,151,897	0	0	0	0	0	0	0	134,151,897	WASH Wastewater Commercial Paper - 2015	
	25,672,260	0	25,672,260	0	0	0	0	0	0	0	25,672,260	Wastewater Renewal & Replacement Fund	
TOTAL	111,991,558	103,349,833	215,341,391	112,018,315	112,609,565	114,973,819	143,615,096	139,104,453	122,083,203	393,328,757	1,353,074,599		



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
363,090,534													
REVENUES													
	6,589	0	6,589	0	0	0	0	0	0	0	0	6,589	Construction - 2010 Bonds
	0	0	0	21,299,239	13,135,289	12,791,654	13,605,175	15,101,325	14,600,000	76,287,414	166,820,096	Future WASH Revenue Bonds	
	8,985,047	22,172,261	31,157,308	0	0	0	0	0	0	0	31,157,308	Plant Expansion Fund - Wastewater	
	82,609,887	0	82,609,887	0	0	0	0	0	0	0	82,609,887	S Construction - 2013 Bonds	
	77,148,498	0	77,148,498	0	0	0	0	0	0	0	77,148,498	WASH Wastewater Commercial Paper - 2015	
	5,348,156	0	5,348,156	0	0	0	0	0	0	0	5,348,156	Wastewater Renewal & Replacement Fund	
TOTAL	174,098,177	22,172,261	196,270,438	21,299,239	13,135,289	12,791,654	13,605,175	15,101,325	14,600,000	76,287,414	363,090,534		



Miami-Dade Water and Sewer Department

2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 3

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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
EXPENDITURES													
	6,589	0	6,589	0	0	0	0	0	0	0	0	6,589	Construction - 2010 Bonds
	0	0	0	21,299,239	13,135,289	12,791,654	13,605,175	15,101,325	14,600,000	76,287,414	166,820,096	Future WASD Revenue Bonds	
	8,985,047	22,172,261	31,157,308	0	0	0	0	0	0	0	31,157,308	Plant Expansion Fund - Wastewater	
	82,609,888	0	82,609,888	0	0	0	0	0	0	0	82,609,888	S Construction - 2013 Bonds	
	15,957,371	61,191,127	77,148,498	0	0	0	0	0	0	0	77,148,498	WASD Wastewater Commercial Paper - 2015	
	5,348,156	0	5,348,156	0	0	0	0	0	0	0	5,348,156	Wastewater Renewal & Replacement Fund	
TOTAL	112,907,051	83,363,388	196,270,439	21,299,239	13,135,289	12,791,654	13,605,175	15,101,325	14,600,000	76,287,414	363,090,535		



Miami-Dade Water and Sewer Department

2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
102,307,930													
REVENUES													
	0	0	0	36,472,162	10,795,419	6,540,715	2,500,000	1,500,001	0	0	57,808,297	Future WASD Revenue Bonds	
	1,005,978	5,252,217	6,258,195	0	0	0	0	0	0	0	6,258,195	Plant Expansion Fund - Wastewater	
	12,630,796	0	12,630,796	0	0	0	0	0	0	0	12,630,796	S Construction - 2013 Bonds	
	25,610,642	0	25,610,642	0	0	0	0	0	0	0	25,610,642	WASD Wastewater Commercial Paper - 2015	
TOTAL	39,247,416	5,252,217	44,499,633	36,472,162	10,795,419	6,540,715	2,500,000	1,500,001	0	0	102,307,930		
EXPENDITURES													
	0	0	0	36,472,162	10,795,419	6,540,715	2,500,000	1,500,001	0	0	57,808,297	Future WASD Revenue Bonds	
	1,005,978	5,252,217	6,258,195	0	0	0	0	0	0	0	6,258,195	Plant Expansion Fund - Wastewater	
	12,630,796	0	12,630,796	0	0	0	0	0	0	0	12,630,796	S Construction - 2013 Bonds	
	3,402,825	22,207,817	25,610,642	0	0	0	0	0	0	0	25,610,642	WASD Wastewater Commercial Paper - 2015	
TOTAL	17,039,599	27,460,034	44,499,633	36,472,162	10,795,419	6,540,715	2,500,000	1,500,001	0	0	102,307,930		



Miami-Dade Water and Sewer Department
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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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
278,669,396													
REVENUES													
	0	0	0	2,493,810	361,178	0	0	0	0	148,711,743	151,566,731	Future WASD Revenue Bonds	
	76,000	2,211,000	2,287,000	6,471,000	13,926,000	16,886,000	20,636,000	25,425,000	25,586,000	14,783,000	126,000,000	General Obligation Bonds	
	275,850	0	275,850	0	0	0	0	0	0	0	275,850	S Construction - 2013 Bonds	
	826,815	0	826,815	0	0	0	0	0	0	0	826,815	WASD Wastewater Commercial Paper - 2015	
TOTAL	1,178,665	2,211,000	3,389,665	8,964,810	14,287,178	16,886,000	20,636,000	25,425,000	25,586,000	163,494,743	278,669,396		
EXPENDITURES													
	0	0	0	2,493,810	361,178	0	0	0	0	148,711,743	151,566,731	Future WASD Revenue Bonds	
	76,000	2,211,000	2,287,000	6,471,000	13,926,000	16,886,000	20,636,000	25,425,000	25,586,000	14,783,000	126,000,000	General Obligation Bonds	
	275,850	0	275,850	0	0	0	0	0	0	0	275,850	S Construction - 2013 Bonds	
	250,032	576,783	826,815	0	0	0	0	0	0	0	826,815	WASD Wastewater Commercial Paper - 2015	
TOTAL	601,882	2,787,783	3,389,665	8,964,810	14,287,178	16,886,000	20,636,000	25,425,000	25,586,000	163,494,743	278,669,396		



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1048. OCEAN OUTFALL LEGISLATION CAPACITY
Commission District(s)
OSBM No. 2000000580

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
1,509,108,773														
REVENUES														
	0	0	0	22,372,199	29,835,570	44,998,655	57,384,589	69,201,219	92,597,245	1,179,247,295	1,495,636,772	Future WSD Revenue Bonds		
	1,835,520	3,640,992	5,476,512	0	0	0	0	0	0	0	5,476,512	Plant Expansion Fund - Wastewater		
	7,995,489	0	7,995,489	0	0	0	0	0	0	0	7,995,489	WASD Wastewater Commercial Paper - 2015		
TOTAL	9,831,009	3,640,992	13,472,001	22,372,199	29,835,570	44,998,655	57,384,589	69,201,219	92,597,245	1,179,247,295	1,509,108,773			
EXPENDITURES														
	0	0	0	22,372,199	29,835,570	44,998,655	57,384,589	69,201,219	92,597,245	1,179,247,295	1,495,636,772	Future WSD Revenue Bonds		
	344,790	5,131,722	5,476,512	0	0	0	0	0	0	0	5,476,512	Plant Expansion Fund - Wastewater		
	0	7,995,489	7,995,489	0	0	0	0	0	0	0	7,995,489	WASD Wastewater Commercial Paper - 2015		
TOTAL	344,790	13,127,211	13,472,001	22,372,199	29,835,570	44,998,655	57,384,589	69,201,219	92,597,245	1,179,247,295	1,509,108,773			

Total Revenues:	10,591,281,014	846,669,480	134,305,351	980,974,831	348,280,077	342,963,147	358,729,484	406,850,260	435,049,358	466,843,129	7,251,590,729	10,591,281,015
Total Expenditures:		544,487,497	397,027,790	941,515,287	370,148,106	345,463,147	361,229,484	409,350,260	437,549,358	474,434,639	7,251,590,729	10,591,281,010

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



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
	174,304,389													
REVENUES														
		0	0	0	3,946,276	1,758,423	3,753,952	5,463,066	4,600,000	3,489,825	149,431,358	172,442,900	Future WSD Revenue Bonds	
		1,861,489	0	1,861,489	0	0	0	0	0	0	0	1,861,489	WSD Wastewater Commercial Paper - 2015	
TOTAL		1,861,489.0	0	1,861,489	3,946,276.0	1,758,423	3,753,952	5,463,066	4,600,000	3,489,825	149,431,358	174,304,389		
EXPENDITURES														
		0	0	0	3,946,276	1,758,423	3,753,952	5,463,066	4,600,000	3,489,825	149,431,358	172,442,900	Future WSD Revenue Bonds	
		6,981	1,854,508	1,861,489	0	0	0	0	0	0	0	1,861,489	WSD Wastewater Commercial Paper - 2015	
TOTAL		6,980.5	1,854,508	1,861,489	3,946,276.0	1,758,423	3,753,952	5,463,066	4,600,000	3,489,825	149,431,358	174,304,389		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

Version 3

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101638 S NDWWTP - INJECTION WELLS PS UPGRADE													
Commission District(s) 4													
Sub-Project Budget / Estimated	7,343,581												
REVENUES													
		0	0	0	1,889,668	195,819	500,000	1,000,000	1,000,000	1,000,000	1,400,000	6,985,487	Future WAST Revenue Bonds
	358,094	0	358,094	0	0	0	0	0	0	0	0	358,094	WAST Wastewater Commercial Paper - 2015
TOTAL	358,094	0	358,094	1,889,668	195,819	500,000	1,000,000	1,000,000	1,000,000	1,400,000	7,343,581		
EXPENDITURES													
		0	0	0	1,889,668	195,819	500,000	1,000,000	1,000,000	1,000,000	1,400,000	6,985,487	Future WAST Revenue Bonds
	0	358,094	358,094	0	0	0	0	0	0	0	0	358,094	WAST Wastewater Commercial Paper - 2015
TOTAL	0	358,094	358,094	1,889,668	195,819	500,000	1,000,000	1,000,000	1,000,000	1,400,000	7,343,581		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

Version 3

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.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	1,216,182	500,120	1,000,220	1,500,000	1,000,000	1,000,000	1,900,000	8,116,522	Future WSD Revenue Bonds
	840,787	0	840,787	0	0	0	0	0	0	0	0	840,787	WSD Wastewater Commercial Paper - 2015
TOTAL	840,787	0	840,787	1,216,182	500,120	1,000,220	1,500,000	1,000,000	1,000,000	1,900,000	8,957,309		
EXPENDITURES													
		0	0	0	1,216,182	500,120	1,000,220	1,500,000	1,000,000	1,000,000	1,900,000	8,116,522	Future WSD Revenue Bonds
	0	840,787	840,787	0	0	0	0	0	0	0	0	840,787	WSD Wastewater Commercial Paper - 2015
TOTAL	0	840,787	840,787	1,216,182	500,120	1,000,220	1,500,000	1,000,000	1,000,000	1,900,000	8,957,309		



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 3

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102097 S CHEMICALLY ENHANCED PRIMARY TREATMENT AT NDWWTP - (CPCS)														
Commission District(s) 4														
Sub-Project Budget / Estimated	18,000,000													
REVENUES														
		0	0	0	0	0	0	0	0	0	0	18,000,000	18,000,000	Future WAST Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	0	18,000,000	18,000,000	
EXPENDITURES														
		0	0	0	0	0	0	0	0	0	0	18,000,000	18,000,000	Future WAST Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	0	18,000,000	18,000,000	
.102147 S NDWWTP CONSTRUCTION MANAGEMENT TRAILERS														
Commission District(s) 4														
Sub-Project Budget / Estimated	551,094													
REVENUES														
	551,094	0	551,094	0	0	0	0	0	0	0	0	0	551,094	WAST Wastewater Commercial Paper - 2015
TOTAL	551,094	0	551,094	0	0	0	0	0	0	0	0	0	551,094	
EXPENDITURES														
	6,981	544,113	551,094	0	0	0	0	0	0	0	0	0	551,094	WAST Wastewater Commercial Paper - 2015
TOTAL	6,981	544,113	551,094	0	0	0	0	0	0	0	0	0	551,094	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 3

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102205 S 2.21.02 SEAWALL PROJECT													
Commission District(s)													
Sub-Project Budget / Estimated	5,566,589												
REVENUES													
		0	0	0	216,501	489,776	750,000	1,248,798	1,000,000	1,000,000	750,000	5,455,075	Future WSD Revenue Bonds
	111,514	0	111,514	0	0	0	0	0	0	0	0	111,514	WSD Wastewater Commercial Paper - 2015
TOTAL	111,514	0	111,514	216,501	489,776	750,000	1,248,798	1,000,000	1,000,000	750,000	5,566,589		
EXPENDITURES													
		0	0	0	216,501	489,776	750,000	1,248,798	1,000,000	1,000,000	750,000	5,455,075	Future WSD Revenue Bonds
	0	111,514	111,514	0	0	0	0	0	0	0	0	111,514	WSD Wastewater Commercial Paper - 2015
TOTAL	0	111,514	111,514	216,501	489,776	750,000	1,248,798	1,000,000	1,000,000	750,000	5,566,589		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

Version 3

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102206 S CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI													
Commission District(s)													
Sub-Project Budget / Estimated	8,904,458												
REVENUES													
		0	0	0	623,925	572,708	1,503,732	1,714,268	1,600,000	489,825	2,400,000	8,904,458	Future WASD Revenue Bonds
TOTAL		0	0	0	623,925	572,708	1,503,732	1,714,268	1,600,000	489,825	2,400,000	8,904,458	
EXPENDITURES													
		0	0	0	623,925	572,708	1,503,732	1,714,268	1,600,000	489,825	2,400,000	8,904,458	Future WASD Revenue Bonds
TOTAL		0	0	0	623,925	572,708	1,503,732	1,714,268	1,600,000	489,825	2,400,000	8,904,458	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

Version 3

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

		Prior			Projections								
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.102207 S CD2.27.02 - VPSA WASD FUNDED REQUIRED FOR CD 2.27

Commission District(s)

Sub-Project Budget / Estimated 6,981,358

REVENUES

0	0	0	0	0	0	0	0	0	0	0	6,981,358	6,981,358	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	6,981,358	6,981,358	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	6,981,358	6,981,358	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	6,981,358	6,981,358	
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.102220 S NDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING

Commission District(s)

Sub-Project Budget / Estimated 100,000,000

REVENUES

0	0	0	0	0	0	0	0	0	0	0	100,000,000	100,000,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	100,000,000	100,000,000	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	100,000,000	100,000,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	100,000,000	100,000,000	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 3

1002. NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 4

OSBM No. 9653411

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

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

Commission District(s)

Sub-Project Budget / Estimated 18,000,000

REVENUES

	0	0	0	0	0	0	0	0	0	0	18,000,000	18,000,000	Future WSD Revenue Bonds
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TOTAL 0 0 0 0 0 0 0 0 0 0 18,000,000 18,000,000

EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	18,000,000	18,000,000	Future WSD Revenue Bonds
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TOTAL 0 0 0 0 0 0 0 0 0 0 18,000,000 18,000,000



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
135,970,633													
REVENUES													
		0	0	0	0	0	0	0	0	0	7,514,359	7,514,359	Future Funding
		0	0	0	2,500,000	2,870,000	5,281,017	3,120,000	1,000,000	985,641	108,625,000	124,381,658	Future WAST Revenue Bonds
		1,638,163	0	1,638,163	0	0	0	0	0	0	0	1,638,163	S Construction - 2013 Bonds
		2,436,453	0	2,436,453	0	0	0	0	0	0	0	2,436,453	WAST Wastewater Commercial Paper - 2015
TOTAL		4,074,616.0	0	4,074,616	2,500,000.0	2,870,000	5,281,017	3,120,000	1,000,000	985,641	116,139,359	135,970,633	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	7,514,359	7,514,359	Future Funding
		0	0	0	2,500,000	2,870,000	5,281,017	3,120,000	1,000,000	985,641	108,625,000	124,381,658	Future WAST Revenue Bonds
		1,638,163	0	1,638,163	0	0	0	0	0	0	0	1,638,163	S Construction - 2013 Bonds
		90,693	2,345,760	2,436,453	0	0	0	0	0	0	0	2,436,453	WAST Wastewater Commercial Paper - 2015
TOTAL		1,728,856.3	2,345,760	4,074,616	2,500,000.0	2,870,000	5,281,017	3,120,000	1,000,000	985,641	116,139,359	135,970,633	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

Version 3

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	
.101656 S CDWWTP - SLUDGE HANDLING FACILITY												
Commission District(s) 7												
Sub-Project Budget / Estimated	2,979,841											
REVENUES												
	0	0	0	500,000	870,000	1,281,017	120,000	0	0	0	2,771,017	Future WAST Revenue Bonds
	208,824	0	208,824	0	0	0	0	0	0	0	208,824	WAST Wastewater Commercial Paper - 2015
TOTAL	208,824	0	208,824	500,000	870,000	1,281,017	120,000	0	0	0	2,979,841	
EXPENDITURES												
	0	0	0	500,000	870,000	1,281,017	120,000	0	0	0	2,771,017	Future WAST Revenue Bonds
	78,824	130,000	208,824	0	0	0	0	0	0	0	208,824	WAST Wastewater Commercial Paper - 2015
TOTAL	78,824	130,000	208,824	500,000	870,000	1,281,017	120,000	0	0	0	2,979,841	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

Version 3

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.101838 S CDWWTP - 2 EMERGENCY GENERATORS - (CPCS)

Commission District(s) 7

Sub-Project Budget / Estimated 3,000,000

REVENUES

0	0	0	0	0	0	0	0	0	0	0	3,000,000	3,000,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	3,000,000	3,000,000	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	3,000,000	3,000,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	3,000,000	3,000,000	
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.101910 S CDWWTP - PLANT PROCESS CONTROLS - (CPCS)

Commission District(s) 7

Sub-Project Budget / Estimated 1,125,000

REVENUES

0	0	0	0	0	0	0	0	0	0	0	1,125,000	1,125,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	1,125,000	1,125,000	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	1,125,000	1,125,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	1,125,000	1,125,000	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 3

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.101991 S CDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION

Commission District(s) 7

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

REVENUES

0	0	0	0	0	0	0	0	0	0	0	7,514,359	7,514,359	Future Funding
0	0	0	0	0	0	0	0	0	0	985,641	0	985,641	Future WASD Revenue Bonds

TOTAL

0	0	0	0	0	0	0	0	0	0	985,641	7,514,359	8,500,000	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	7,514,359	7,514,359	Future Funding
0	0	0	0	0	0	0	0	0	0	985,641	0	985,641	Future WASD Revenue Bonds

TOTAL

0	0	0	0	0	0	0	0	0	0	985,641	7,514,359	8,500,000	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 3

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

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

Commission District(s) 7

Sub-Project Budget / Estimated 3,321,003

REVENUES

	1,638,163	0	1,638,163	0	0	0	0	0	0	0	0	1,638,163	S Construction - 2013 Bonds
	1,682,840	0	1,682,840	0	0	0	0	0	0	0	0	1,682,840	WASD Wastewater Commercial Paper - 2015
TOTAL	3,321,003	0	3,321,003	0	0	0	0	0	0	0	0	3,321,003	

EXPENDITURES

	1,638,163	0	1,638,163	0	0	0	0	0	0	0	0	1,638,163	S Construction - 2013 Bonds
	1,830	1,681,010	1,682,840	0	0	0	0	0	0	0	0	1,682,840	WASD Wastewater Commercial Paper - 2015
TOTAL	1,639,993	1,681,010	3,321,003	0	0	0	0	0	0	0	0	3,321,003	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 3

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102146 S CDWWTP - CONSTRUCTION MANAGEMENT TRAILERS

Commission District(s) 7

Sub-Project Budget / Estimated 1,544,789

REVENUES

	0	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000	Future WAST Revenue Bonds
	544,789	0	544,789	0	0	0	0	0	0	0	0	544,789	WAST Wastewater Commercial Paper - 2015
TOTAL	544,789	0	544,789	1,000,000	0	0	0	0	0	0	0	1,544,789	

EXPENDITURES

	0	0	0	1,000,000	0	0	0	0	0	0	0	1,000,000	Future WAST Revenue Bonds
	10,039	534,750	544,789	0	0	0	0	0	0	0	0	544,789	WAST Wastewater Commercial Paper - 2015
TOTAL	10,039	534,750	544,789	1,000,000	0	0	0	0	0	0	0	1,544,789	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 3

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	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	2,000,000	4,000,000	3,000,000	1,000,000	0	0	11,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	1,000,000	2,000,000	4,000,000	3,000,000	1,000,000	0	0	11,000,000	
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EXPENDITURES

	0	0	0	1,000,000	2,000,000	4,000,000	3,000,000	1,000,000	0	0	11,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	1,000,000	2,000,000	4,000,000	3,000,000	1,000,000	0	0	11,000,000	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 3

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102222 S CDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING

Commission District(s)

Sub-Project Budget / Estimated **100,000,000**

REVENUES

	0	0	0	0	0	0	0	0	0	0	100,000,000	100,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	100,000,000	100,000,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	100,000,000	100,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	100,000,000	100,000,000	
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.102223 S CDWWTP - STORM HARDENING OF NEW HYPOCHLORITE BUILDING. MWH PLANS ALREADY AT 90% READY FOR PERMITTING

Commission District(s)

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

REVENUES

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

	0	0	0	0	0	0	0	0	0	0	4,000,000	4,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	4,000,000	4,000,000	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 3

1003. CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 7

OSBM No. 9653421

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

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

Commission District(s)

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

REVENUES

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

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

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

0	0	0	0	0	0	0	0	0	0	0	500,000	500,000	
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Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
	42,551,379												
REVENUES		0	0	0	1,353,097	1,545,325	3,678,921	2,017,299	3,000,862	4,500,000	26,455,875	42,551,379	Future WASH Revenue Bonds
TOTAL		0.0	0	0	1,353,097.0	1,545,325	3,678,921	2,017,299	3,000,862	4,500,000	26,455,875	42,551,379	
EXPENDITURES		0	0	0	1,353,097	1,545,325	3,678,921	2,017,299	3,000,862	4,500,000	26,455,875	42,551,379	Future WASH Revenue Bonds
TOTAL		0.0	0	0	1,353,097.0	1,545,325	3,678,921	2,017,299	3,000,862	4,500,000	26,455,875	42,551,379	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

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1006. SOUTH DISTRICT WASTEWATER TREATMENT PLANT EXPANSION - PHASE III

Commission District(s) 8

OSBM No. 9655481

Prior				Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.101717 S SDWWTP - ENGINEERING SERVICES / OR UPGRADES, AND REHABILITATION OF THE PLANT AND ITS APPURTENANT FACILITIES

Commission District(s) 8

Sub-Project Budget / Estimated 578,843

REVENUES

0	0	0	578,843	0	0	0	0	0	0	0	578,843	Future WASH Revenue Bonds
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TOTAL

0	0	0	578,843	0	0	0	0	0	0	0	578,843	
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EXPENDITURES

0	0	0	578,843	0	0	0	0	0	0	0	578,843	Future WASH Revenue Bonds
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TOTAL

0	0	0	578,843	0	0	0	0	0	0	0	578,843	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 3

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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.101768 S SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE

Commission District(s) 8

Sub-Project Budget / Estimated 30,001,267

REVENUES

0	0	0	700,000	1,000,000	2,000,000	2,000,405	2,000,862	3,500,000	18,800,000	30,001,267	Future WASD Revenue Bonds
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TOTAL

0	0	0	700,000	1,000,000	2,000,000	2,000,405	2,000,862	3,500,000	18,800,000	30,001,267
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EXPENDITURES

0	0	0	700,000	1,000,000	2,000,000	2,000,405	2,000,862	3,500,000	18,800,000	30,001,267	Future WASD Revenue Bonds
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TOTAL

0	0	0	700,000	1,000,000	2,000,000	2,000,405	2,000,862	3,500,000	18,800,000	30,001,267
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Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

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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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.101769 S SOUTH MIAMI-DADE SEWER IMPROVEMENTS - HOMESTEAD EAST - (CPCS)

Commission District(s) 8

Sub-Project Budget / Estimated 6,655,875

REVENUES

0	0	0	0	0	0	0	0	0	0	0	6,655,875	6,655,875	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	6,655,875	6,655,875	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	6,655,875	6,655,875	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	6,655,875	6,655,875	
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Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

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1006. SOUTH DISTRICT WASTEWATER TREATMENT PLANT EXPANSION - PHASE III

Commission District(s) 8

OSBM No. 9655481

Prior				Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.102102 S SDWWTP FA MONITORING WELL REPLACEMENT

Commission District(s) 8

Sub-Project Budget / Estimated 5,315,394

REVENUES

0	0	0	74,254	545,325	1,678,921	16,894	1,000,000	1,000,000	1,000,000	5,315,394	Future WASD Revenue Bonds
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TOTAL	0	0	0	74,254	545,325	1,678,921	16,894	1,000,000	1,000,000	1,000,000	5,315,394	
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EXPENDITURES

0	0	0	74,254	545,325	1,678,921	16,894	1,000,000	1,000,000	1,000,000	5,315,394	Future WASD Revenue Bonds
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TOTAL	0	0	0	74,254	545,325	1,678,921	16,894	1,000,000	1,000,000	1,000,000	5,315,394	
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Miami-Dade Water and Sewer Department
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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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
	223,411,229													
REVENUES														
		18,466,219	0	18,466,219	0	0	0	0	0	0	0	18,466,219	Construction - 2010 Bonds	
		0	0	0	0	0	0	0	0	0	52,462,085	52,462,085	Future Funding	
		0	0	0	1,000,000	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	127,200,000	136,200,000	Future WAST Revenue Bonds	
		8,599,391	0	8,599,391	0	0	0	0	0	0	0	8,599,391	S Construction - 2013 Bonds	
		7,683,534	0	7,683,534	0	0	0	0	0	0	0	7,683,534	WAST Wastewater Commercial Paper - 2015	
TOTAL		34,749,144.0	0	34,749,144	1,000,000.0	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	179,662,085	223,411,229		
EXPENDITURES														
		18,466,219	0	18,466,219	0	0	0	0	0	0	0	18,466,219	Construction - 2010 Bonds	
		0	0	0	0	0	0	0	0	0	52,462,085	52,462,085	Future Funding	
		0	0	0	1,000,000	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	127,200,000	136,200,000	Future WAST Revenue Bonds	
		8,599,391	0	8,599,391	0	0	0	0	0	0	0	8,599,391	S Construction - 2013 Bonds	
		44,630	7,638,904	7,683,534	0	0	0	0	0	0	0	7,683,534	WAST Wastewater Commercial Paper - 2015	
TOTAL		27,110,239.8	7,638,904	34,749,144	1,000,000.0	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	179,662,085	223,411,229		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

Version 3

1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101650 S SDWWTP - INSTALLATION OF CO-GEN UNITS 4 & 5													
Commission District(s) 8													
Sub-Project Budget / Estimated	34,749,144												
REVENUES													
	18,466,219	0	18,466,219	0	0	0	0	0	0	0	0	18,466,219	Construction - 2010 Bonds
	8,599,391	0	8,599,391	0	0	0	0	0	0	0	0	8,599,391	S Construction - 2013 Bonds
	7,683,534	0	7,683,534	0	0	0	0	0	0	0	0	7,683,534	WASD Wastewater Commercial Paper - 2015
TOTAL	34,749,144	0	34,749,144	0	0	0	0	0	0	0	0	34,749,144	
EXPENDITURES													
	18,466,219	0	18,466,219	0	0	0	0	0	0	0	0	18,466,219	Construction - 2010 Bonds
	8,599,391	0	8,599,391	0	0	0	0	0	0	0	0	8,599,391	S Construction - 2013 Bonds
	44,630	7,638,904	7,683,534	0	0	0	0	0	0	0	0	7,683,534	WASD Wastewater Commercial Paper - 2015
TOTAL	27,110,240	7,638,904	34,749,144	0	0	0	0	0	0	0	0	34,749,144	



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Commission District(s) 8

OSBM No. 9653401

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.101993 S SDWWTP CENTRATE TREATMENT PROCESS - (CPCS)

Commission District(s) 8

Sub-Project Budget / Estimated 23,284,397

REVENUES

	0	0	0	0	0	0	0	0	0	0	23,284,397	23,284,397	Future Funding
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TOTAL	0	0	0	0	0	0	0	0	0	0	23,284,397	23,284,397	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	23,284,397	23,284,397	Future Funding
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TOTAL	0	0	0	0	0	0	0	0	0	0	23,284,397	23,284,397	
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.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
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TOTAL	0	0	0	0	0	0	0	0	0	0	7,500,000	7,500,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	7,500,000	7,500,000	Future Funding
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TOTAL	0	0	0	0	0	0	0	0	0	0	7,500,000	7,500,000	
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1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

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

Commission District(s) 8

Sub-Project Budget / Estimated 21,677,688

REVENUES

0	0	0	0	0	0	0	0	0	0	0	21,677,688	21,677,688	Future Funding
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	21,677,688	21,677,688	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	21,677,688	21,677,688	Future Funding
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	21,677,688	21,677,688	
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Miami-Dade Water and Sewer Department
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1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102184 S SDWWTP FOG RECOVERY STATION

Commission District(s) 8

Sub-Project Budget / Estimated 11,000,000

REVENUES

	0	0	0	1,000,000	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	2,000,000	11,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	1,000,000	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	2,000,000	11,000,000	
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EXPENDITURES

	0	0	0	1,000,000	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	2,000,000	11,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	1,000,000	1,500,000	2,000,000	2,500,000	1,000,000	1,000,000	2,000,000	11,000,000	
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WASTEWATER PROJECTS

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1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

		Prior			Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue		

.102214 S SDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING #1

Commission District(s)

Sub-Project Budget / Estimated 100,000,000

REVENUES

	0	0	0	0	0	0	0	0	0	0	100,000,000	100,000,000	Future WASD Revenue Bonds
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TOTAL

	0	0	0	0	0	0	0	0	0	0	100,000,000	100,000,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	100,000,000	100,000,000	Future WASD Revenue Bonds
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TOTAL

	0	0	0	0	0	0	0	0	0	0	100,000,000	100,000,000	
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.102215 S SDWWTP - REPLACEMENT 489 VOLT SUBSTATION / MCC OXYGEN PLANT 1 & 2

Commission District(s)

Sub-Project Budget / Estimated 10,000,000

REVENUES

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

	0	0	0	0	0	0	0	0	0	0	10,000,000	10,000,000	
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EXPENDITURES

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

	0	0	0	0	0	0	0	0	0	0	10,000,000	10,000,000	
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1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

		Prior			Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue		

.102216 S SDWWTP - EMERGENCY GENERATOR #8 SWITCHGEAR BUILDING #2

Commission District(s)

Sub-Project Budget / Estimated 5,000,000

REVENUES

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

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

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

0	0	0	0	0	0	0	0	0	0	0	5,000,000	5,000,000	
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.102217 S SDWWTP - UPGRADE EMERGENCY GENERATORS TO DUAL FUEL NG / DIESEL IN SWITCHGEAR BUILDING #2 UNIT 1-7

Commission District(s)

Sub-Project Budget / Estimated 4,200,000

REVENUES

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

0	0	0	0	0	0	0	0	0	0	0	4,200,000	4,200,000	
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EXPENDITURES

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

0	0	0	0	0	0	0	0	0	0	0	4,200,000	4,200,000	
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Miami-Dade Water and Sewer Department
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1007. SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

Commission District(s) 8

OSBM No. 9653401

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	

.102218 S SDWWTP - RECONFIGURE 13,200 VOLT DUAL FEEDER SYSTEM TO SUBSTATION 33 AND 34, 31 AND 32, 31A AND 32A, 21 AND 22, 27AND 28, 23 AND 24, 25 AND 26

Commission District(s)

Sub-Project Budget / Estimated 5,000,000

REVENUES

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

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

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

0	0	0	0	0	0	0	0	0	0	0	5,000,000	5,000,000	
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.102219 S SDWWTP - PROVIDE REDUNDANT FEEDERS TO NEW O2 COMPRESSORS 3 AND 4 FROM SWITCHGEAR BUILDING #2

Commission District(s)

Sub-Project Budget / Estimated 1,000,000

REVENUES

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

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

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

0	0	0	0	0	0	0	0	0	0	0	1,000,000	1,000,000	
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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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
REVENUES	474,960,069													
		0	0	0	0	0	0	0	0	0	364,515,175	364,515,175	Future Funding	
		0	0	0	1,695,905	3,480,575	7,065,077	12,546,882	13,615,893	12,750,000	58,951,035	110,105,367	Future WAST Revenue Bonds	
		267,553	0	267,553	0	0	0	0	0	0	0	267,553	S Construction - 2013 Bonds	
		71,974	0	71,974	0	0	0	0	0	0	0	71,974	WAST Wastewater Commercial Paper - 2015	
TOTAL		339,527.0	0	339,527	1,695,905.0	3,480,575	7,065,077	12,546,882	13,615,893	12,750,000	423,466,210	474,960,069		
EXPENDITURES														
		0	0	0	0	0	0	0	0	0	364,515,175	364,515,175	Future Funding	
		0	0	0	1,695,905	3,480,575	7,065,077	12,546,882	13,615,893	12,750,000	58,951,035	110,105,367	Future WAST Revenue Bonds	
		267,553	0	267,553	0	0	0	0	0	0	0	267,553	S Construction - 2013 Bonds	
		0	71,974	71,974	0	0	0	0	0	0	0	71,974	WAST Wastewater Commercial Paper - 2015	
TOTAL		267,552.6	71,974	339,527	1,695,905.0	3,480,575	7,065,077	12,546,882	13,615,893	12,750,000	423,466,210	474,960,069		



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Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.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	211,613	268,986	582,338	1,987,087	2,749,976	3,200,000	6,000,000	15,000,000	Future WASD Revenue Bonds	
TOTAL	0	0	0	211,613	268,986	582,338	1,987,087	2,749,976	3,200,000	6,000,000	15,000,000		
EXPENDITURES													
	0	0	0	211,613	268,986	582,338	1,987,087	2,749,976	3,200,000	6,000,000	15,000,000	Future WASD Revenue Bonds	
TOTAL	0	0	0	211,613	268,986	582,338	1,987,087	2,749,976	3,200,000	6,000,000	15,000,000		



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	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
.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	24,450,000	24,450,000	Future Funding
		0	0	0	387,500	1,162,500	1,000,000	1,000,000	1,000,000	1,000,000	0	5,550,000	Future WASH Revenue Bonds
TOTAL		0	0	0	387,500	1,162,500	1,000,000	1,000,000	1,000,000	1,000,000	24,450,000	30,000,000	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	24,450,000	24,450,000	Future Funding
		0	0	0	387,500	1,162,500	1,000,000	1,000,000	1,000,000	1,000,000	0	5,550,000	Future WASH Revenue Bonds
TOTAL		0	0	0	387,500	1,162,500	1,000,000	1,000,000	1,000,000	1,000,000	24,450,000	30,000,000	



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	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
.101986 S 18 INCH DIP FM FROM ISLAND DRIVE - (CPCS)													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 4,673,914													
REVENUES													
		0	0	0	0	0	0	0	0	0	4,673,914	4,673,914	Future WASH Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	4,673,914	4,673,914	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	4,673,914	4,673,914	Future WASH Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	4,673,914	4,673,914	



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	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
.102036 S 6" FM FROM PS 316 TO MH 126 ON COLLINS AVE													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	284,772												
REVENUES													
	267,553	0	267,553	0	0	0	0	0	0	0	0	267,553	S Construction - 2013 Bonds
	17,219	0	17,219	0	0	0	0	0	0	0	0	17,219	WASD Wastewater Commercial Paper - 2015
TOTAL	284,772	0	284,772	0	0	0	0	0	0	0	0	284,772	
EXPENDITURES													
	267,553	0	267,553	0	0	0	0	0	0	0	0	267,553	S Construction - 2013 Bonds
	0	17,219	17,219	0	0	0	0	0	0	0	0	17,219	WASD Wastewater Commercial Paper - 2015
TOTAL	267,553	17,219	284,772	0	0	0	0	0	0	0	0	284,772	



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Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102042 S DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		16,500,000											
REVENUES													
	0	0	0	138,630	1,068,519	2,781,090	4,695,844	3,815,917	1,000,000	3,000,000	16,500,000	Future WASD Revenue Bonds	
TOTAL	0	0	0	138,630	1,068,519	2,781,090	4,695,844	3,815,917	1,000,000	3,000,000	16,500,000		
EXPENDITURES													
	0	0	0	138,630	1,068,519	2,781,090	4,695,844	3,815,917	1,000,000	3,000,000	16,500,000	Future WASD Revenue Bonds	
TOTAL	0	0	0	138,630	1,068,519	2,781,090	4,695,844	3,815,917	1,000,000	3,000,000	16,500,000		



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Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				

.102043 S DORAL BASIN UPGRADE - P.S. 14 UPGRADE - COUNTY SHARE

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 385,584

REVENUES

	0	0	0	385,584	0	0	0	0	0	0	0	385,584	Future WASD Revenue Bonds
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TOTAL	0	0	0	385,584	0	0	0	0	0	0	0	385,584	
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EXPENDITURES

	0	0	0	385,584	0	0	0	0	0	0	0	385,584	Future WASD Revenue Bonds
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TOTAL	0	0	0	385,584	0	0	0	0	0	0	0	385,584	
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.102065 S 24-INCH FORCE MAIN EXTENSION IN NW 167 ST FROM NW 58 AVE TO NW 49 AVE THEN SOUTH TO NW 156 ST - (CPCS)

Commission District(s) 1

Sub-Project Budget / Estimated 6,120,000

REVENUES

	0	0	0	0	0	0	0	0	0	0	6,120,000	6,120,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	6,120,000	6,120,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	0	6,120,000	6,120,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	0	6,120,000	6,120,000	
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	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
.102153 S 60-INCH WEST MIAMI-DADE FORCE MAIN - NORTH - (CPCS)													
Commission District(s)													
Sub-Project Budget / Estimated	28,307,403												
REVENUES													
		0	0	0	0	0	0	0	0	0	28,307,403	28,307,403	Future Funding
TOTAL		0	0	0	0	0	0	0	0	0	28,307,403	28,307,403	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	28,307,403	28,307,403	Future Funding
TOTAL		0	0	0	0	0	0	0	0	0	28,307,403	28,307,403	
.102154 S 60-INCH WEST MIAMI-DADE FORCE MAIN - SOUTH - (CPCS)													
Commission District(s)													
Sub-Project Budget / Estimated	311,757,772												
REVENUES													
		0	0	0	0	0	0	0	0	0	311,757,772	311,757,772	Future Funding
TOTAL		0	0	0	0	0	0	0	0	0	311,757,772	311,757,772	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	311,757,772	311,757,772	Future Funding
TOTAL		0	0	0	0	0	0	0	0	0	311,757,772	311,757,772	



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Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102201 S PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT													
Commission District(s)													
Sub-Project Budget / Estimated	16,000,000												
REVENUES													
	0	0	0	0	150,000	550,000	950,000	1,000,000	1,500,000	11,850,000	16,000,000	Future WASD Revenue Bonds	
TOTAL	0	0	0	0	150,000	550,000	950,000	1,000,000	1,500,000	11,850,000	16,000,000		
EXPENDITURES													
	0	0	0	0	150,000	550,000	950,000	1,000,000	1,500,000	11,850,000	16,000,000	Future WASD Revenue Bonds	
TOTAL	0	0	0	0	150,000	550,000	950,000	1,000,000	1,500,000	11,850,000	16,000,000		



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Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102202 S PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT													
Commission District(s)													
Sub-Project Budget / Estimated	7,000,000												
REVENUES													
	0	0	0	0	150,000	350,000	750,000	1,000,000	1,500,000	3,250,000	7,000,000	Future WASD Revenue Bonds	
TOTAL	0	0	0	0	150,000	350,000	750,000	1,000,000	1,500,000	3,250,000	7,000,000		
EXPENDITURES													
	0	0	0	0	150,000	350,000	750,000	1,000,000	1,500,000	3,250,000	7,000,000	Future WASD Revenue Bonds	
TOTAL	0	0	0	0	150,000	350,000	750,000	1,000,000	1,500,000	3,250,000	7,000,000		



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	Prior			Projections						Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022			
.102211 S CD4.10.04 OPA LOCKA AIRPORT CONCESSIONS												
Commission District(s)												
Sub-Project Budget / Estimated	3,029,190											
REVENUES												
	0	0	0	351,057	113,168	514,259	395,951	800,000	800,000	0	2,974,435	Future WASD Revenue Bonds
	54,755	0	54,755	0	0	0	0	0	0	0	54,755	WASD Wastewater Commercial Paper - 2015
TOTAL	54,755	0	54,755	351,057	113,168	514,259	395,951	800,000	800,000	0	3,029,190	
EXPENDITURES												
	0	0	0	351,057	113,168	514,259	395,951	800,000	800,000	0	2,974,435	Future WASD Revenue Bonds
	0	54,755	54,755	0	0	0	0	0	0	0	54,755	WASD Wastewater Commercial Paper - 2015
TOTAL	0	54,755	54,755	351,057	113,168	514,259	395,951	800,000	800,000	0	3,029,190	



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	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
.102212 S CD5.09.02 - PHASE II & III REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#301													
Commission District(s)													
Sub-Project Budget / Estimated	7,907,736												
REVENUES													
	0	0	0	221,521	314,694	521,521	1,500,000	1,750,000	2,000,000	1,600,000	7,907,736	Future WASD Revenue Bonds	
TOTAL	0	0	0	221,521	314,694	521,521	1,500,000	1,750,000	2,000,000	1,600,000	7,907,736		
EXPENDITURES													
	0	0	0	221,521	314,694	521,521	1,500,000	1,750,000	2,000,000	1,600,000	7,907,736	Future WASD Revenue Bonds	
TOTAL	0	0	0	221,521	314,694	521,521	1,500,000	1,750,000	2,000,000	1,600,000	7,907,736		



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102213 S CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2													
Commission District(s)													
Sub-Project Budget / Estimated	25,193,698												
REVENUES													
		0	0	0	0	252,708	765,869	1,268,000	1,500,000	1,750,000	19,657,121	25,193,698	Future WASD Revenue Bonds
TOTAL		0	0	0	0	252,708	765,869	1,268,000	1,500,000	1,750,000	19,657,121	25,193,698	
EXPENDITURES													
		0	0	0	0	252,708	765,869	1,268,000	1,500,000	1,750,000	19,657,121	25,193,698	Future WASD Revenue Bonds
TOTAL		0	0	0	0	252,708	765,869	1,268,000	1,500,000	1,750,000	19,657,121	25,193,698	



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	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102225 S PS #1 (4ST.) REPLACE ELECTRICAL SWITCHGEAR AND MCCs														
Commission District(s)														
Sub-Project Budget / Estimated 1,500,000														
REVENUES														
		0	0	0	0	0	0	0	0	0	0	1,500,000	1,500,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	0	1,500,000	1,500,000	
EXPENDITURES														
		0	0	0	0	0	0	0	0	0	0	1,500,000	1,500,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	0	1,500,000	1,500,000	
.102226 S PS #3 RECONFIGURE ELECTRICAL SYSTEM TO ACCEPT 2000KW 4160 VOLT PORTABLE GENERATOR														
Commission District(s)														
Sub-Project Budget / Estimated 1,300,000														
REVENUES														
		0	0	0	0	0	0	0	0	0	0	1,300,000	1,300,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	0	1,300,000	1,300,000	
EXPENDITURES														
		0	0	0	0	0	0	0	0	0	0	1,300,000	1,300,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	0	1,300,000	1,300,000	



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

Commission District(s) Systemwide

OSBM No. 9650241

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
REVENUES	45,289,076													
		2,847,486	0	2,847,486	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	2,348,343	5,188,910	5,778,953	5,401,622	4,816,370	5,500,000	4,000,001	33,034,199	Future WAST Revenue Bonds	
		2,976,424	0	2,976,424	0	0	0	0	0	0	0	2,976,424	Plant Expansion Fund - Wastewater	
		3,124,860	0	3,124,860	0	0	0	0	0	0	0	3,124,860	S Construction - 2013 Bonds	
		2,478,107	0	2,478,107	0	0	0	0	0	0	0	2,478,107	WASD Wastewater Commercial Paper - 2015	
TOTAL		11,426,877.0	0	11,426,877	2,348,343.0	5,188,910	5,778,953	5,401,622	4,816,370	5,500,000	4,828,001	45,289,076		
EXPENDITURES														
		2,847,486	0	2,847,486	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	2,348,343	5,188,910	5,778,953	5,401,622	4,816,370	5,500,000	4,000,001	33,034,199	Future WAST Revenue Bonds	
		2,976,424	0	2,976,424	0	0	0	0	0	0	0	2,976,424	Plant Expansion Fund - Wastewater	
		3,124,860	0	3,124,860	0	0	0	0	0	0	0	3,124,860	S Construction - 2013 Bonds	
		287,991	2,190,116	2,478,107	0	0	0	0	0	0	0	2,478,107	WASD Wastewater Commercial Paper - 2015	
TOTAL		9,236,760.6	2,190,116	11,426,877	2,348,343.0	5,188,910	5,778,953	5,401,622	4,816,370	5,500,000	4,828,001	45,289,076		



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Commission District(s) Systemwide

OSBM No. 9650241

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
.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
	1,298,988	0	1,298,988	0	0	0	0	0	0	0	0	1,298,988	S Construction - 2013 Bonds
	803,526	0	803,526	0	0	0	0	0	0	0	0	803,526	WASD Wastewater Commercial Paper - 2015
TOTAL	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	0	1,298,988	0	0	0	0	0	0	0	0	1,298,988	S Construction - 2013 Bonds
	0	803,526	803,526	0	0	0	0	0	0	0	0	803,526	WASD Wastewater Commercial Paper - 2015
TOTAL	4,146,474	803,526	4,950,000	0	0	0	0	0	0	0	0	4,950,000	



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Commission District(s) Systemwide

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Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.101996 S 12 INCH DIP FM AT SW 87 AVE - 6850 - (CPCS)													
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	



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Commission District(s) Systemwide

OSBM No. 9650241

	Prior			Projections						Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				FY 2022 - 2023
.102045 S P.S. 2 BASIN UPGRADE - LOCAL PUMP STATION UPGRADES													
Commission District(s) 6,7,10,12													
Sub-Project Budget / Estimated 7,543,643													
REVENUES													
		0	0	0	1,211,143	2,588,910	2,278,953	901,622	0	0	0	6,980,628	Future WASD Revenue Bonds
	168,227	0	168,227	0	0	0	0	0	0	0	0	168,227	Plant Expansion Fund - Wastewater
	394,788	0	394,788	0	0	0	0	0	0	0	0	394,788	WASD Wastewater Commercial Paper - 2015
TOTAL	563,015	0	563,015	1,211,143	2,588,910	2,278,953	901,622	0	0	0	7,543,643		
EXPENDITURES													
		0	0	0	1,211,143	2,588,910	2,278,953	901,622	0	0	0	6,980,628	Future WASD Revenue Bonds
	168,227	0	168,227	0	0	0	0	0	0	0	0	168,227	Plant Expansion Fund - Wastewater
	0	394,788	394,788	0	0	0	0	0	0	0	0	394,788	WASD Wastewater Commercial Paper - 2015
TOTAL	168,227	394,788	563,015	1,211,143	2,588,910	2,278,953	901,622	0	0	0	7,543,643		



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OSBM No. 9650241

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102046 S P.S. 2 BASIN UPGRADE - P.S. 2 UPGRADE														
Commission District(s)	3,6,7,10,12													
Sub-Project Budget / Estimated	3,299,999													
REVENUES														
	2,808,197	0	2,808,197	0	0	0	0	0	0	0	0	2,808,197	Plant Expansion Fund - Wastewater	
	491,802	0	491,802	0	0	0	0	0	0	0	0	491,802	WASD Wastewater Commercial Paper - 2015	
TOTAL	3,299,999	0	3,299,999	0	0	0	0	0	0	0	0	3,299,999		
EXPENDITURES														
	2,808,197	0	2,808,197	0	0	0	0	0	0	0	0	2,808,197	Plant Expansion Fund - Wastewater	
	0	491,802	491,802	0	0	0	0	0	0	0	0	491,802	WASD Wastewater Commercial Paper - 2015	
TOTAL	2,808,197	491,802	3,299,999	0	0	0	0	0	0	0	0	3,299,999		



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Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102200 S BISCAYNE BASIN PROJECTS RELATED TO CL-1													
Commission District(s)													
Sub-Project Budget / Estimated	28,667,434												
REVENUES													
	0	0	0	1,137,200	2,600,000	3,500,000	4,500,000	4,816,370	5,500,000	4,000,001	26,053,571	Future WASH Revenue Bonds	
	1,825,872	0	1,825,872	0	0	0	0	0	0	0	1,825,872	S Construction - 2013 Bonds	
	787,991	0	787,991	0	0	0	0	0	0	0	787,991	WASH Wastewater Commercial Paper - 2015	
TOTAL	2,613,863	0	2,613,863	1,137,200	2,600,000	3,500,000	4,500,000	4,816,370	5,500,000	4,000,001	28,667,434		



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Commission District(s) Systemwide

OSBM No. 9650241

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
EXPENDITURES														
		0	0	0	1,137,200	2,600,000	3,500,000	4,500,000	4,816,370	5,500,000	4,000,001	26,053,571	Future WSD Revenue Bonds	
	1,825,872		0	1,825,872	0	0	0	0	0	0	0	1,825,872	S Construction - 2013 Bonds	
	287,991	500,000		787,991	0	0	0	0	0	0	0	787,991	WASD Wastewater Commercial Paper - 2015	
TOTAL	2,113,862	500,000		2,613,862	1,137,200	2,600,000	3,500,000	4,500,000	4,816,370	5,500,000	4,000,001	28,667,433		



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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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
REVENUES	33,965,519													
		0	0	0	2,447,662	3,000,000	3,687,678	4,500,000	6,000,000	5,120,573	6,275,880	31,031,793	Future WASD Revenue Bonds	
		241,829	0	241,829	0	0	0	0	0	0	0	241,829	S Construction - 2013 Bonds	
		2,691,897	0	2,691,897	0	0	0	0	0	0	0	2,691,897	WASD Wastewater Commercial Paper - 2015	
TOTAL		2,933,726.0	0	2,933,726	2,447,662.0	3,000,000	3,687,678	4,500,000	6,000,000	5,120,573	6,275,880	33,965,519		
EXPENDITURES														
		0	0	0	2,447,662	3,000,000	3,687,678	4,500,000	6,000,000	5,120,573	6,275,880	31,031,793	Future WASD Revenue Bonds	
		241,830	0	241,830	0	0	0	0	0	0	0	241,830	S Construction - 2013 Bonds	
		96,886	2,595,011	2,691,897	0	0	0	0	0	0	0	2,691,897	WASD Wastewater Commercial Paper - 2015	
TOTAL		338,715.2	2,595,011	2,933,726	2,447,662.0	3,000,000	3,687,678	4,500,000	6,000,000	5,120,573	6,275,880	33,965,519		



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	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.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 1,417,034														
REVENUES														
		0	0	0	9,423	0	0	0	0	0	0	0	9,423	Future WASH Revenue Bonds
	156,875		0	156,875	0	0	0	0	0	0	0	0	156,875	S Construction - 2013 Bonds
	1,250,736		0	1,250,736	0	0	0	0	0	0	0	0	1,250,736	WASH Wastewater Commercial Paper - 2015
TOTAL	1,407,611	0	0	1,407,611	9,423	0	0	0	0	0	0	0	1,417,034	
EXPENDITURES														
		0	0	0	9,423	0	0	0	0	0	0	0	9,423	Future WASH Revenue Bonds
	156,875		0	156,875	0	0	0	0	0	0	0	0	156,875	S Construction - 2013 Bonds
	2,153	1,248,583		1,250,736	0	0	0	0	0	0	0	0	1,250,736	WASH Wastewater Commercial Paper - 2015
TOTAL	159,028	1,248,583	0	1,407,611	9,423	0	0	0	0	0	0	0	1,417,034	



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	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
.102037 S FURNISH AND INSTALL OF 8-INCH D.I. FM ALONG SW 216 ST. FROM SW 98 CT. TO SW 99 AVE.													
Commission District(s) 7													
Sub-Project Budget / Estimated		68,091											
REVENUES													
		68,091	0	68,091	0	0	0	0	0	0	0	0	68,091 WASD Wastewater Commercial Paper - 2015
TOTAL		68,091	0	68,091	0	0	0	0	0	0	0	0	68,091
EXPENDITURES													
		47,593	20,498	68,091	0	0	0	0	0	0	0	0	68,091 WASD Wastewater Commercial Paper - 2015
TOTAL		47,593	20,498	68,091	0	0	0	0	0	0	0	0	68,091



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	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102050 S UPGRADE 4" FM FROM PS 733 ON US1														
Commission District(s)		7												
Sub-Project Budget / Estimated		239,133												
REVENUES														
		0	0	0	105,570	0	0	0	0	0	0	0	105,570	Future WASH Revenue Bonds
		84,954	0	84,954	0	0	0	0	0	0	0	0	84,954	S Construction - 2013 Bonds
		48,609	0	48,609	0	0	0	0	0	0	0	0	48,609	WASH Wastewater Commercial Paper - 2015
TOTAL		133,563	0	133,563	105,570	0	0	0	0	0	0	0	239,133	
EXPENDITURES														
		0	0	0	105,570	0	0	0	0	0	0	0	105,570	Future WASH Revenue Bonds
		84,954	0	84,954	0	0	0	0	0	0	0	0	84,954	S Construction - 2013 Bonds
		47,140	1,469	48,609	0	0	0	0	0	0	0	0	48,609	WASH Wastewater Commercial Paper - 2015
TOTAL		132,094	1,469	133,563	105,570	0	0	0	0	0	0	0	239,133	



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Budget/ Estimate Cost	Prior			Projections						Future	Total	Bond Issue	
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102051 S UPGRADE 6" FM AT SW 160 ST AND 92 AVE - (CPCS)													
Commission District(s) 7													
Sub-Project Budget / Estimated	1,400,000												
REVENUES													
	0	0	0	0	0	0	0	0	0	0	1,400,000	1,400,000	Future WASH Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	0	1,400,000	1,400,000	
EXPENDITURES													
	0	0	0	0	0	0	0	0	0	0	1,400,000	1,400,000	Future WASH Revenue Bonds
TOTAL	0	0	0	0	0	0	0	0	0	0	1,400,000	1,400,000	



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	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102208 S CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM														
Commission District(s)														
Sub-Project Budget / Estimated		20,520,688												
REVENUES														
		0	0	0	1,132,669	1,500,000	1,937,678	2,500,000	3,500,000	4,500,000	4,875,880	19,946,227	Future WAST Revenue Bonds	
	574,461	0	574,461	0	0	0	0	0	0	0	0	574,461	WAST Wastewater Commercial Paper - 2015	
TOTAL	574,461	0	574,461	1,132,669	1,500,000	1,937,678	2,500,000	3,500,000	4,500,000	4,875,880	20,520,688			
EXPENDITURES														
	0	0	0	1,132,669	1,500,000	1,937,678	2,500,000	3,500,000	4,500,000	4,875,880	19,946,227	Future WAST Revenue Bonds		
	0	574,461	574,461	0	0	0	0	0	0	0	0	574,461	WAST Wastewater Commercial Paper - 2015	
TOTAL	0	574,461	574,461	1,132,669	1,500,000	1,937,678	2,500,000	3,500,000	4,500,000	4,875,880	20,520,688			



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Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102209 S CD4.08.02 - REHABILITATION OF 54 INCH PCCP FM IN THE CITY PHASE 2													
Commission District(s)													
Sub-Project Budget / Estimated	10,320,573												
REVENUES													
	0	0	0	1,200,000	1,500,000	1,750,000	2,000,000	2,500,000	620,573	0	9,570,573	Future WASD Revenue Bonds	
	750,000	0	750,000	0	0	0	0	0	0	0	750,000	WASD Wastewater Commercial Paper - 2015	
TOTAL	750,000	0	750,000	1,200,000	1,500,000	1,750,000	2,000,000	2,500,000	620,573	0	10,320,573		
EXPENDITURES													
	0	0	0	1,200,000	1,500,000	1,750,000	2,000,000	2,500,000	620,573	0	9,570,573	Future WASD Revenue Bonds	
	0	750,000	750,000	0	0	0	0	0	0	0	750,000	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	750,000	750,000	1,200,000	1,500,000	1,750,000	2,000,000	2,500,000	620,573	0	10,320,573		



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1011. GRAVITY SEWER RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650201

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
	35,579,917													
REVENUES														
		3,991,282	0	3,991,282	0	0	0	0	0	0	0	3,991,282	Construction - 2010 Bonds	
		0	0	0	2,258,452	4,550,000	3,650,000	3,350,000	1,224,112	1,000,000	500,000	16,532,564	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	
		4,545,895	0	4,545,895	0	0	0	0	0	0	0	4,545,895	WASD Wastewater Commercial Paper - 2015	
		9,348,666	0	9,348,666	0	0	0	0	0	0	0	9,348,666	Wastewater Renewal &	
TOTAL		19,047,353.0	0	19,047,353	2,258,452.0	4,550,000	3,650,000	3,350,000	1,224,112	1,000,000	500,000	35,579,917		
EXPENDITURES														
		3,622,398	368,884	3,991,282	0	0	0	0	0	0	0	3,991,282	Construction - 2010 Bonds	
		0	0	0	2,258,452	4,550,000	3,650,000	3,350,000	1,224,112	1,000,000	500,000	16,532,564	Future WASD Revenue Bonds	
		833,972	327,538	1,161,510	0	0	0	0	0	0	0	1,161,510	S Construction - 2013 Bonds	
		202,397	4,343,498	4,545,895	0	0	0	0	0	0	0	4,545,895	WASD Wastewater Commercial Paper - 2015	
		9,348,666	0	9,348,666	0	0	0	0	0	0	0	9,348,666	Wastewater Renewal &	
TOTAL		14,007,433.0	5,039,920	19,047,353	2,258,452.0	4,550,000	3,650,000	3,350,000	1,224,112	1,000,000	500,000	35,579,917		



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1011. GRAVITY SEWER RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650201

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.100050 S REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	8,078,459												
REVENUES													
	0	0	0	1,258,452	1,050,000	650,000	350,000	224,112	0	0	0	3,532,564	Future WASH Revenue Bonds
	4,545,895	0	4,545,895	0	0	0	0	0	0	0	0	4,545,895	WASH Wastewater Commercial Paper - 2015
TOTAL	4,545,895	0	4,545,895	1,258,452	1,050,000	650,000	350,000	224,112	0	0	0	8,078,459	
EXPENDITURES													
	0	0	0	1,258,452	1,050,000	650,000	350,000	224,112	0	0	0	3,532,564	Future WASH Revenue Bonds
	202,397	4,343,498	4,545,895	0	0	0	0	0	0	0	0	4,545,895	WASH Wastewater Commercial Paper - 2015
TOTAL	202,397	4,343,498	4,545,895	1,258,452	1,050,000	650,000	350,000	224,112	0	0	0	8,078,459	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

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1011. GRAVITY SEWER RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650201

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.100889 S REHABILITATION OF SEWER MAINS DUE TO I/I - DIG AND REPLACE														
Commission District(s) COUNTYWIDE														
Sub-Project Budget / Estimated	14,501,458													
REVENUES														
	3,991,282	0	3,991,282	0	0	0	0	0	0	0	0	3,991,282	Construction - 2010 Bonds	
	1,161,510	0	1,161,510	0	0	0	0	0	0	0	0	1,161,510	S Construction - 2013 Bonds	
	0	0	0	0	0	0	0	0	0	0	0	0	0 WASD Wastewater Commercial Paper - 2015	
	9,348,666	0	9,348,666	0	0	0	0	0	0	0	0	9,348,666	Wastewater Renewal & Replacement Fund	
TOTAL	14,501,458	0	14,501,458	0	0	0	0	0	0	0	0	14,501,458		
EXPENDITURES														
	3,622,398	368,884	3,991,282	0	0	0	0	0	0	0	0	3,991,282	Construction - 2010 Bonds	
	833,972	327,538	1,161,510	0	0	0	0	0	0	0	0	1,161,510	S Construction - 2013 Bonds	
	0	0	0	0	0	0	0	0	0	0	0	0	0 WASD Wastewater Commercial Paper - 2015	
	9,348,666	0	9,348,666	0	0	0	0	0	0	0	0	9,348,666	Wastewater Renewal & Replacement Fund	
TOTAL	13,805,036	696,422	14,501,458	0	0	0	0	0	0	0	0	14,501,458		



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1011. GRAVITY SEWER RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650201

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.100890 S REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 12,500,000													
REVENUES													
		0	0	0	1,000,000	3,500,000	3,000,000	3,000,000	1,000,000	1,000,000	0	12,500,000	Future WASD Revenue Bonds
TOTAL		0	0	0	1,000,000	3,500,000	3,000,000	3,000,000	1,000,000	1,000,000	0	12,500,000	
EXPENDITURES													
		0	0	0	1,000,000	3,500,000	3,000,000	3,000,000	1,000,000	1,000,000	0	12,500,000	Future WASD Revenue Bonds
TOTAL		0	0	0	1,000,000	3,500,000	3,000,000	3,000,000	1,000,000	1,000,000	0	12,500,000	



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1011. GRAVITY SEWER RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650201

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

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

Commission District(s) 4

Sub-Project Budget / Estimated 500,000

REVENUES

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

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

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

0	0	0	0	0	0	0	0	0	0	0	500,000	500,000	
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Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS
1012. SANITARY SEWER SYSTEM IMPROVEMENTS
Commission District(s) Systemwide
OSBM No. 9650221

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
28,219,293														
REVENUES														
		28,219,293	0	28,219,293	0	0	0	0	0	0	0	0	28,219,293	Wastewater Special Construction Fund
TOTAL		28,219,293.0	0	28,219,293	0.0	0	0	0	0	0	0	0	28,219,293	
EXPENDITURES														
		6,393,294	2,500,000	8,893,294	1,734,490	2,500,000	2,500,000	2,500,000	2,500,000	7,591,509	0	28,219,293	Wastewater Special Construction Fund	
TOTAL		6,393,294.0	2,500,000	8,893,294	1,734,490.0	2,500,000	2,500,000	2,500,000	2,500,000	7,591,509	0	28,219,293		

.100055 S SPECIAL CONSTRUCTION - SANITARY SEWER IMPROVEMENTS
Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 28,219,293

REVENUES														
		28,219,293	0	28,219,293	0	0	0	0	0	0	0	0	28,219,293	Wastewater Special Construction Fund
TOTAL		28,219,293	0	28,219,293	0	0	0	0	0	0	0	0	28,219,293	
EXPENDITURES														
		6,393,294	2,500,000	8,893,294	1,734,490	2,500,000	2,500,000	2,500,000	2,500,000	7,591,509	0	28,219,293	Wastewater Special Construction Fund	
TOTAL		6,393,294	2,500,000	8,893,294	1,734,490	2,500,000	2,500,000	2,500,000	2,500,000	7,591,509	0	28,219,293		



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1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
142,250,449														
REVENUES														
		0	0	0	0	0	0	0	0	0	25,000,000	25,000,000	Future Funding	
		0	0	0	5,230,202	3,876,352	6,317,882	7,361,265	12,193,297	14,808,947	64,697,500	114,485,445	Future WAST Revenue Bonds	
		235,312	0	235,312	0	0	0	0	0	0	0	235,312	S Construction - 2013 Bonds	
		2,529,692	0	2,529,692	0	0	0	0	0	0	0	2,529,692	WAST Wastewater Commercial Paper - 2015	
TOTAL		2,765,004.0	0	2,765,004	5,230,202.0	3,876,352	6,317,882	7,361,265	12,193,297	14,808,947	89,697,500	142,250,449		
EXPENDITURES														
		0	0	0	0	0	0	0	0	0	25,000,000	25,000,000	Future Funding	
		0	0	0	5,230,202	3,876,352	6,317,882	7,361,265	12,193,297	14,808,947	64,697,500	114,485,445	Future WAST Revenue Bonds	
		235,312	0	235,312	0	0	0	0	0	0	0	235,312	S Construction - 2013 Bonds	
		28,695	2,500,996	2,529,691	0	0	0	0	0	0	0	2,529,691	WAST Wastewater Commercial Paper - 2015	
TOTAL		264,006.9	2,500,996	2,765,003	5,230,202.0	3,876,352	6,317,882	7,361,265	12,193,297	14,808,947	89,697,500	142,250,448		



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Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.101108 S MIAMI SERVICE FACILITY - PHASE 2

Commission District(s) 3

Sub-Project Budget / Estimated 21,537,913

REVENUES

0	0	0	1,157,478	2,011,177	3,017,882	4,172,754	4,013,832	1,000,000	6,000,000	21,373,123	Future WASHD Revenue Bonds
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164,790	0	164,790	0	0	0	0	0	0	0	0	164,790	S Construction - 2013 Bonds
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TOTAL	164,790	0	164,790	1,157,478	2,011,177	3,017,882	4,172,754	4,013,832	1,000,000	6,000,000	21,537,913	
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EXPENDITURES

0	0	0	1,157,478	2,011,177	3,017,882	4,172,754	4,013,832	1,000,000	6,000,000	21,373,123	Future WASHD Revenue Bonds
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164,790	0	164,790	0	0	0	0	0	0	0	0	164,790	S Construction - 2013 Bonds
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TOTAL	164,790	0	164,790	1,157,478	2,011,177	3,017,882	4,172,754	4,013,832	1,000,000	6,000,000	21,537,913	
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Miami-Dade Water and Sewer Department
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Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.101461 S NORTH MAINTENANCE CENTER

Commission District(s) 1

Sub-Project Budget / Estimated 12,174,912

REVENUES

0	0	0	0	0	0	0	100,000	400,000	2,174,912	9,500,000	12,174,912	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	100,000	400,000	2,174,912	9,500,000	12,174,912	
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EXPENDITURES

0	0	0	0	0	0	0	100,000	400,000	2,174,912	9,500,000	12,174,912	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	100,000	400,000	2,174,912	9,500,000	12,174,912	
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Miami-Dade Water and Sewer Department
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Commission District(s) Systemwide

OSBM No. 9653201

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.101506 S SOUTH MAINTENANCE CENTER												
Commission District(s) 9												
Sub-Project Budget / Estimated 23,721,663												
REVENUES												
	0	0	0	2,555,692	1,365,175	2,500,000	2,000,001	3,500,000	2,500,000	8,500,000	22,920,868	Future WASH Revenue Bonds
	32,010	0	32,010	0	0	0	0	0	0	0	32,010	S Construction - 2013 Bonds
	768,785	0	768,785	0	0	0	0	0	0	0	768,785	WASH Wastewater Commercial Paper - 2015
TOTAL	800,795	0	800,795	2,555,692	1,365,175	2,500,000	2,000,001	3,500,000	2,500,000	8,500,000	23,721,663	



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Commission District(s) Systemwide

OSBM No. 9653201

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
EXPENDITURES														
		0	0	0	2,555,692	1,365,175	2,500,000	2,000,001	3,500,000	2,500,000	8,500,000	22,920,868	Future WASH Revenue Bonds	
		32,010	0	32,010	0	0	0	0	0	0	0	32,010	S Construction - 2013 Bonds	
		2,533	766,252	768,785	0	0	0	0	0	0	0	768,785	WASH Wastewater Commercial Paper - 2015	
TOTAL		34,542	766,252	800,794	2,555,692	1,365,175	2,500,000	2,000,001	3,500,000	2,500,000	8,500,000	23,721,662		
.101653 S 11TH STREET DISTRIBUTION FACILITY RENOVATION														
Commission District(s) 3														
Sub-Project Budget / Estimated 3,599,510														
REVENUES														
		0	0	0	0	0	0	388,510	1,211,000	1,000,000	1,000,000	3,599,510	Future WASH Revenue Bonds	
TOTAL		0	0	0	0	0	0	388,510	1,211,000	1,000,000	1,000,000	3,599,510		
EXPENDITURES														
		0	0	0	0	0	0	388,510	1,211,000	1,000,000	1,000,000	3,599,510	Future WASH Revenue Bonds	
TOTAL		0	0	0	0	0	0	388,510	1,211,000	1,000,000	1,000,000	3,599,510		



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Commission District(s) Systemwide

OSBM No. 9653201

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.101654 S WESTWOOD LAKES FACILITY ELEVATOR RENOVATION													
Commission District(s) 10													
Sub-Project Budget / Estimated 1,500,000													
REVENUES													
	0	0	0	0	0	0	0	100,000	600,000	800,000	0	1,500,000	Future WASH Revenue Bonds
TOTAL	0	0	0	0	0	0	0	100,000	600,000	800,000	0	1,500,000	
EXPENDITURES													
	0	0	0	0	0	0	0	100,000	600,000	800,000	0	1,500,000	Future WASH Revenue Bonds
TOTAL	0	0	0	0	0	0	0	100,000	600,000	800,000	0	1,500,000	



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Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections									Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	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	1,156,206	0	0	0	0	0	0	0	1,156,206	Future WAST Revenue Bonds
	143,794	0	143,794	0	0	0	0	0	0	0	0	143,794	WAST Wastewater Commercial Paper - 2015
TOTAL	143,794	0	143,794	1,156,206	0	0	0	0	0	0	0	1,300,000	

EXPENDITURES

	0	0	0	1,156,206	0	0	0	0	0	0	0	1,156,206	Future WAST Revenue Bonds
	0	143,794	143,794	0	0	0	0	0	0	0	0	143,794	WAST Wastewater Commercial Paper - 2015
TOTAL	0	143,794	143,794	1,156,206	0	0	0	0	0	0	0	1,300,000	



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Commission District(s) Systemwide

OSBM No. 9653201

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101887 S MEDLEY YARD BUILDING													
Commission District(s) 12													
Sub-Project Budget / Estimated 1,666,451													
REVENUES													
		0	0	0	160,826	0	0	0	0	0	0	160,826	Future WASH Revenue Bonds
	38,512		0	38,512	0	0	0	0	0	0	0	38,512	S Construction - 2013 Bonds
	1,467,113		0	1,467,113	0	0	0	0	0	0	0	1,467,113	WASH Wastewater Commercial Paper - 2015
TOTAL	1,505,625	0	0	1,505,625	160,826	0	0	0	0	0	0	1,666,451	
EXPENDITURES													
		0	0	0	160,826	0	0	0	0	0	0	160,826	Future WASH Revenue Bonds
	38,512		0	38,512	0	0	0	0	0	0	0	38,512	S Construction - 2013 Bonds
	26,163	1,440,950		1,467,113	0	0	0	0	0	0	0	1,467,113	WASH Wastewater Commercial Paper - 2015
TOTAL	64,675	1,440,950	0	1,505,625	160,826	0	0	0	0	0	0	1,666,451	



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WASTEWATER PROJECTS

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1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	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	410,000	3,000,000	37,590,000	41,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	410,000	3,000,000	37,590,000	41,000,000	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	410,000	3,000,000	37,590,000	41,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	410,000	3,000,000	37,590,000	41,000,000	
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Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

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1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	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	1,141,486	2,358,514	0	3,500,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	1,141,486	2,358,514	0	3,500,000	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	1,141,486	2,358,514	0	3,500,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	1,141,486	2,358,514	0	3,500,000	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 3

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.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	916,979	1,975,521	2,107,500	5,000,000	Future WASH Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	916,979	1,975,521	2,107,500	5,000,000	
EXPENDITURES														
		0	0	0	0	0	0	0	0	916,979	1,975,521	2,107,500	5,000,000	Future WASH Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	916,979	1,975,521	2,107,500	5,000,000	

.102030 S EMERGENCY PREPAREDNESS/RECOVERY PROJECTS - (CPCS)

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
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WASTEWATER PROJECTS

Version 3

1013. WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9653201

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	
.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	500,000	800,000	600,000	0	0	0	2,100,000	Future WAST Revenue Bonds
	150,000	0	150,000	0	0	0	0	0	0	0	150,000	WAST Wastewater Commercial Paper - 2015
TOTAL	150,000	0	150,000	200,000	500,000	800,000	600,000	0	0	0	2,250,000	
EXPENDITURES												
	0	0	0	200,000	500,000	800,000	600,000	0	0	0	2,100,000	Future WAST Revenue Bonds
	0	150,000	150,000	0	0	0	0	0	0	0	150,000	WAST Wastewater Commercial Paper - 2015
TOTAL	0	150,000	150,000	200,000	500,000	800,000	600,000	0	0	0	2,250,000	



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
	2,611,591												
REVENUES													
		0	0	0	100,000	300,000	400,000	400,000	500,000	0	0	1,700,000	Future WASH Revenue Bonds
		120,147	0	120,147	0	0	0	0	0	0	0	120,147	S Construction - 2013 Bonds
		791,444	0	791,444	0	0	0	0	0	0	0	791,444	WASH Wastewater Commercial Paper - 2015
TOTAL		911,591.0	0	911,591	100,000.0	300,000	400,000	400,000	500,000	0	0	2,611,591	
EXPENDITURES													
		0	0	0	100,000	300,000	400,000	400,000	500,000	0	0	1,700,000	Future WASH Revenue Bonds
		120,147	0	120,147	0	0	0	0	0	0	0	120,147	S Construction - 2013 Bonds
		15,740	775,704	791,444	0	0	0	0	0	0	0	791,444	WASH Wastewater Commercial Paper - 2015
TOTAL		135,886.7	775,704	911,591	100,000.0	300,000	400,000	400,000	500,000	0	0	2,611,591	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

Version 3

1014. CORROSION CONTROL FACILITIES IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9653381

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.100984 S REFURBISH STRUCTURES IN PUMP STATIONS													
Commission District(s) 4,7,8													
Sub-Project Budget / Estimated 2,611,591													
REVENUES													
		0	0	0	100,000	300,000	400,000	400,000	500,000	0	0	1,700,000	Future WASD Revenue Bonds
	120,147	0	120,147	0	0	0	0	0	0	0	0	120,147	S Construction - 2013 Bonds
	791,444	0	791,444	0	0	0	0	0	0	0	0	791,444	WASD Wastewater Commercial Paper - 2015
TOTAL	911,591	0	911,591	100,000	300,000	400,000	400,000	500,000	0	0	0	2,611,591	
EXPENDITURES													
	0	0	0	100,000	300,000	400,000	400,000	500,000	0	0	0	1,700,000	Future WASD Revenue Bonds
	120,147	0	120,147	0	0	0	0	0	0	0	0	120,147	S Construction - 2013 Bonds
	15,740	775,704	791,444	0	0	0	0	0	0	0	0	791,444	WASD Wastewater Commercial Paper - 2015
TOTAL	135,887	775,704	911,591	100,000	300,000	400,000	400,000	500,000	0	0	0	2,611,591	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1015. PUMP STATION IMPROVEMENTS PROGRAM

Commission District(s) Systemwide

OSBM No. 9651071

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
	264,757,877												
REVENUES													
		0	0	0	32,138,156	34,862,115	3,000,000	4,000,000	5,000,000	6,000,000	94,467,242	179,467,513	Future WASH Revenue Bonds
		0	35,659,888	35,659,888	7,044,812	7,160,642	0	0	0	0	0	49,865,342	Plant Expansion Fund - Wastewater
		25,404,575	0	25,404,575	0	0	0	0	0	0	0	25,404,575	S Construction - 2013 Bonds
		10,020,447	0	10,020,447	0	0	0	0	0	0	0	10,020,447	WASH Wastewater Commercial Paper - 2015
TOTAL		35,425,022.0	35,659,888	71,084,910	39,182,968.0	42,022,757	3,000,000	4,000,000	5,000,000	6,000,000	94,467,242	264,757,877	
EXPENDITURES													
		0	0	0	32,138,156	34,862,115	3,000,000	4,000,000	5,000,000	6,000,000	94,467,242	179,467,513	Future WASH Revenue Bonds
		0	35,659,888	35,659,888	7,044,812	7,160,642	0	0	0	0	0	49,865,342	Plant Expansion Fund - Wastewater
		25,404,575	0	25,404,575	0	0	0	0	0	0	0	25,404,575	S Construction - 2013 Bonds
		10,020,447	0	10,020,447	0	0	0	0	0	0	0	10,020,447	WASH Wastewater Commercial Paper - 2015
TOTAL		35,425,022.5	35,659,888	71,084,910	39,182,968.0	42,022,757	3,000,000	4,000,000	5,000,000	6,000,000	94,467,242	264,757,877	



Miami-Dade Water and Sewer Department
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1015. PUMP STATION IMPROVEMENTS PROGRAM
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OSBM No. 9651071

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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.101454 S PUMP STATION IMPROVEMENT PROGRAM														
Commission District(s) COUNTYWIDE														
Sub-Project Budget / Estimated 149,290,635														
REVENUES														
		0	0	0	31,138,156	32,862,115	0	0	0	0	0	64,000,271	Future WAST Revenue Bonds	
		0	35,659,888	35,659,888	7,044,812	7,160,642	0	0	0	0	0	49,865,342	Plant Expansion Fund - Wastewater	
	25,404,575	0	25,404,575	0	0	0	0	0	0	0	0	25,404,575	S Construction - 2013 Bonds	
	10,020,447	0	10,020,447	0	0	0	0	0	0	0	0	10,020,447	WAST Wastewater Commercial Paper - 2015	
TOTAL	35,425,022	35,659,888	71,084,910	38,182,968	40,022,757	0	0	0	0	0	0	149,290,635		
EXPENDITURES														
		0	0	0	31,138,156	32,862,115	0	0	0	0	0	64,000,271	Future WAST Revenue Bonds	
		0	35,659,888	35,659,888	7,044,812	7,160,642	0	0	0	0	0	49,865,342	Plant Expansion Fund - Wastewater	
	25,404,575	0	25,404,575	0	0	0	0	0	0	0	0	25,404,575	S Construction - 2013 Bonds	
	10,020,447	0	10,020,447	0	0	0	0	0	0	0	0	10,020,447	WAST Wastewater Commercial Paper - 2015	
TOTAL	35,425,022	35,659,888	71,084,910	38,182,968	40,022,757	0	0	0	0	0	0	149,290,635		



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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue		

.102192 S OUT OF COMPLIANCE PUMP STATIONS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 115,467,242

REVENUES

0	0	0	1,000,000	2,000,000	3,000,000	4,000,000	5,000,000	6,000,000	94,467,242	115,467,242	Future WASD Revenue Bonds
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TOTAL	0	0	0	1,000,000	2,000,000	3,000,000	4,000,000	5,000,000	6,000,000	94,467,242	115,467,242	
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EXPENDITURES

0	0	0	1,000,000	2,000,000	3,000,000	4,000,000	5,000,000	6,000,000	94,467,242	115,467,242	Future WASD Revenue Bonds
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TOTAL	0	0	0	1,000,000	2,000,000	3,000,000	4,000,000	5,000,000	6,000,000	94,467,242	115,467,242	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
	79,045,418													
REVENUES														
		0	0	0	9,242,772	8,194,955	5,000,000	2,000,000	1,000,000	1,000,000	0	26,437,727	Future WASH Revenue Bonds	
		45,932,067	5,000,000	50,932,067	0	0	0	0	0	0	0	50,932,067	Plant Expansion Fund - Wastewater	
		1,675,624	0	1,675,624	0	0	0	0	0	0	0	1,675,624	WASH Wastewater Commercial Paper - 2015	
TOTAL		47,607,691.1	5,000,000	52,607,691	9,242,772.0	8,194,955	5,000,000	2,000,000	1,000,000	1,000,000	0	79,045,418		
EXPENDITURES														
		0	0	0	9,242,772	8,194,955	5,000,000	2,000,000	1,000,000	1,000,000	0	26,437,727	Future WASH Revenue Bonds	
		45,932,067	5,000,000	50,932,067	0	0	0	0	0	0	0	50,932,067	Plant Expansion Fund - Wastewater	
		26,212	1,649,412	1,675,624	0	0	0	0	0	0	0	1,675,624	WASH Wastewater Commercial Paper - 2015	
TOTAL		45,958,278.8	6,649,412	52,607,691	9,242,772.0	8,194,955	5,000,000	2,000,000	1,000,000	1,000,000	0	79,045,418		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

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1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101710 S MASTER PUMP STATION NO. 3 (FORMERLY P.S. 8)													
Commission District(s) 5													
Sub-Project Budget / Estimated 62,980,544													
REVENUES													
		0	0	0	5,000,000	3,000,000	3,000,000	1,000,000	0	0	0	12,000,000	Future WASD Revenue Bonds
	45,659,153	5,000,000	50,659,153	0	0	0	0	0	0	0	0	50,659,153	Plant Expansion Fund - Wastewater
	321,391	0	321,391	0	0	0	0	0	0	0	0	321,391	WASD Wastewater Commercial Paper - 2015
TOTAL	45,980,544	5,000,000	50,980,544	5,000,000	3,000,000	3,000,000	1,000,000	0	0	0	0	62,980,544	
EXPENDITURES													
		0	0	0	5,000,000	3,000,000	3,000,000	1,000,000	0	0	0	12,000,000	Future WASD Revenue Bonds
	45,659,153	5,000,000	50,659,153	0	0	0	0	0	0	0	0	50,659,153	Plant Expansion Fund - Wastewater
	26,212	295,179	321,391	0	0	0	0	0	0	0	0	321,391	WASD Wastewater Commercial Paper - 2015
TOTAL	45,685,365	5,295,179	50,980,544	5,000,000	3,000,000	3,000,000	1,000,000	0	0	0	0	62,980,544	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

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1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.101774 S FORCE MAIN IN DORAL N.W. 107TH AVE.														
Commission District(s) COUNTYWIDE														
Sub-Project Budget / Estimated		11,765,974												
REVENUES														
		0	0	0	2,842,772	3,296,055	1,000,000	1,000,000	1,000,000	1,000,000	0	10,138,827	Future WASD Revenue Bonds	
	272,914	0	272,914	0	0	0	0	0	0	0	0	272,914	Plant Expansion Fund - Wastewater	
	1,354,233	0	1,354,233	0	0	0	0	0	0	0	0	1,354,233	WASD Wastewater Commercial Paper - 2015	
TOTAL	1,627,147	0	1,627,147	2,842,772	3,296,055	1,000,000	1,000,000	1,000,000	1,000,000	0	11,765,974			
EXPENDITURES														
		0	0	0	2,842,772	3,296,055	1,000,000	1,000,000	1,000,000	1,000,000	0	10,138,827	Future WASD Revenue Bonds	
	272,914	0	272,914	0	0	0	0	0	0	0	0	272,914	Plant Expansion Fund - Wastewater	
	0	1,354,233	1,354,233	0	0	0	0	0	0	0	0	1,354,233	WASD Wastewater Commercial Paper - 2015	
TOTAL	272,914	1,354,233	1,627,147	2,842,772	3,296,055	1,000,000	1,000,000	1,000,000	1,000,000	0	11,765,974			



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

Version 3

1018. PEAK FLOW MANAGEMENT FACILITIES

Commission District(s) Systemwide

OSBM No. 9653371

Prior				Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.101846 S PS 559 FLOW METER
Commission District(s) COUNTYWIDE
Sub-Project Budget / Estimated 500,000

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

.102194 S WASTEWATER MASTER PLAN
Commission District(s) COUNTYWIDE
Sub-Project Budget / Estimated 3,798,900

REVENUES												
	0	0	0	900,000	1,898,900	1,000,000	0	0	0	0	0	3,798,900 Future WASH Revenue Bonds
TOTAL	0	0	0	900,000	1,898,900	1,000,000	0	0	0	0	0	3,798,900
EXPENDITURES												
	0	0	0	900,000	1,898,900	1,000,000	0	0	0	0	0	3,798,900 Future WASH Revenue Bonds
TOTAL	0	0	0	900,000	1,898,900	1,000,000	0	0	0	0	0	3,798,900



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
	229,711,020												
REVENUES													
		2,435,015	0	2,435,015	0	0	0	0	0	0	0	2,435,015	Construction - 2010 Bonds
		0	0	0	0	0	0	0	0	0	190,133,491	190,133,491	Future Funding
		0	0	0	2,613,135	2,613,135	3,038,444	1,000,000	500,000	500,000	721,630	10,986,344	Future WAST Revenue Bonds
		3,305,272	0	3,305,272	0	0	0	0	0	0	0	3,305,272	S Construction - 2013 Bonds
		10,655,341	0	10,655,341	0	0	0	0	0	0	0	10,655,341	WAST Wastewater Commercial Paper - 2015
		8,395,557	3,800,000	12,195,557	0	0	0	0	0	0	0	12,195,557	Wastewater Renewal &
TOTAL		24,791,185.0	3,800,000	28,591,185	2,613,135.0	2,613,135	3,038,444	1,000,000	500,000	500,000	190,855,121	229,711,020	
EXPENDITURES													
		2,435,015	0	2,435,015	0	0	0	0	0	0	0	2,435,015	Construction - 2010 Bonds
		0	0	0	0	0	0	0	0	0	190,133,491	190,133,491	Future Funding
		0	0	0	2,613,135	2,613,135	3,038,444	1,000,000	500,000	500,000	721,630	10,986,344	Future WAST Revenue Bonds
		3,305,272	0	3,305,272	0	0	0	0	0	0	0	3,305,272	S Construction - 2013 Bonds
		748,528	9,906,809	10,655,337	0	0	0	0	0	0	0	10,655,337	WAST Wastewater Commercial Paper - 2015
		8,395,557	3,800,000	12,195,557	0	0	0	0	0	0	0	12,195,557	Wastewater Renewal &
TOTAL		14,884,371.7	13,706,809	28,591,181	2,613,135.0	2,613,135	3,038,444	1,000,000	500,000	500,000	190,855,121	229,711,016	



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WASTEWATER PROJECTS

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1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.100877 S SANITARY SEWER SYSTEM EXTENSION													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		24,233,184											
REVENUES													
		2,399,167	0	2,399,167	0	0	0	0	0	0	0	2,399,167	Construction - 2010 Bonds
		0	0	0	2,113,135	2,113,135	3,038,444	1,000,000	500,000	500,000	0	9,264,714	Future WASD Revenue Bonds
		6,948,242	0	6,948,242	0	0	0	0	0	0	0	6,948,242	WASD Wastewater Commercial Paper - 2015
		1,821,061	3,800,000	5,621,061	0	0	0	0	0	0	0	5,621,061	Wastewater Renewal & Replacement Fund
TOTAL		11,168,470	3,800,000	14,968,470	2,113,135	2,113,135	3,038,444	1,000,000	500,000	500,000	0	24,233,184	



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1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		2,399,167	0	2,399,167	0	0	0	0	0	0	0	2,399,167	Construction - 2010 Bonds
		0	0	0	2,113,135	2,113,135	3,038,444	1,000,000	500,000	500,000	0	9,264,714	Future WASH Revenue Bonds
		0	6,948,242	6,948,242	0	0	0	0	0	0	0	6,948,242	WASH Wastewater Commercial Paper - 2015
		1,821,061	3,800,000	5,621,061	0	0	0	0	0	0	0	5,621,061	Wastewater Renewal & Replacement Fund
TOTAL		4,220,228	10,748,242	14,968,470	2,113,135	2,113,135	3,038,444	1,000,000	500,000	500,000	0	24,233,184	

.101722 S DESIGN AND ENGINEERING SERVICES FOR SANITARY SEWER FORCE MAINS AND SANITARY SEWER GRAVITY MAINS - (CPCS)

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 721,630

REVENUES													
		0	0	0	0	0	0	0	0	0	721,630	721,630	Future WASH Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	721,630	721,630	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	721,630	721,630	Future WASH Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	721,630	721,630	



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Commission District(s) Systemwide

OSBM No. 9653281

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.101733 S SANITARY SEWER SYSTEM EXTENSION FOR JPA's													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	10,852,486												
REVENUES													
	35,848	0	35,848	0	0	0	0	0	0	0	0	35,848	Construction - 2010 Bonds
	0	0	0	500,000	500,000	0	0	0	0	0	0	1,000,000	Future WAST Revenue Bonds
	3,042,142	0	3,042,142	0	0	0	0	0	0	0	0	3,042,142	S Construction - 2013 Bonds
	200,000	0	200,000	0	0	0	0	0	0	0	0	200,000	WAST Wastewater Commercial Paper - 2015
	6,574,496	0	6,574,496	0	0	0	0	0	0	0	0	6,574,496	Wastewater Renewal & Replacement Fund
TOTAL	9,852,486	0	9,852,486	500,000	500,000	0	0	0	0	0	0	10,852,486	



Miami-Dade Water and Sewer Department
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1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

	Prior			Projections									Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
EXPENDITURES													
		35,848	0	35,848	0	0	0	0	0	0	0	35,848	Construction - 2010 Bonds
		0	0	0	500,000	500,000	0	0	0	0	0	1,000,000	Future WAST Revenue Bonds
		3,042,142	0	3,042,142	0	0	0	0	0	0	0	3,042,142	S Construction - 2013 Bonds
		17,060	182,940	200,000	0	0	0	0	0	0	0	200,000	WAST Wastewater Commercial Paper - 2015
		6,574,496	0	6,574,496	0	0	0	0	0	0	0	6,574,496	Wastewater Renewal & Replacement Fund
TOTAL		9,669,546	182,940	9,852,486	500,000	500,000	0	0	0	0	0	10,852,486	



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1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102128 S 6" FM FROM PS 746 TO SW 156 ST & US1

Commission District(s) 8

Sub-Project Budget / Estimated 2,102,856

REVENUES

	137,972	0	137,972	0	0	0	0	0	0	0	0	137,972	S Construction - 2013 Bonds
	1,964,884	0	1,964,884	0	0	0	0	0	0	0	0	1,964,884	WASD Wastewater Commercial Paper - 2015
TOTAL	2,102,856	0	2,102,856	0	0	0	0	0	0	0	0	2,102,856	

EXPENDITURES

	137,972	0	137,972	0	0	0	0	0	0	0	0	137,972	S Construction - 2013 Bonds
	34,375	1,930,505	1,964,880	0	0	0	0	0	0	0	0	1,964,880	WASD Wastewater Commercial Paper - 2015
TOTAL	172,347	1,930,505	2,102,852	0	0	0	0	0	0	0	0	2,102,852	



Miami-Dade Water and Sewer Department
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1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102129 S 6" PVC FM FROM PS 1070 SOUTH TO MH 19

Commission District(s) 9

Sub-Project Budget / Estimated 967,262

REVENUES

	51,911	0	51,911	0	0	0	0	0	0	0	0	51,911	S Construction - 2013 Bonds
	915,351	0	915,351	0	0	0	0	0	0	0	0	915,351	WASD Wastewater Commercial Paper - 2015
TOTAL	967,262	0	967,262	0	0	0	0	0	0	0	0	967,262	

EXPENDITURES

	51,911	0	51,911	0	0	0	0	0	0	0	0	51,911	S Construction - 2013 Bonds
	484,895	430,456	915,351	0	0	0	0	0	0	0	0	915,351	WASD Wastewater Commercial Paper - 2015
TOTAL	536,806	430,456	967,262	0	0	0	0	0	0	0	0	967,262	



Miami-Dade Water and Sewer Department
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1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

Prior				Projections									Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		

.102130 S REPLACE 8" FM FROM PS 149 SOUTH TO NW 112 AVE & W. FLAGLER ST

Commission District(s) 12

Sub-Project Budget / Estimated 676,266

REVENUES

	73,247	0	73,247	0	0	0	0	0	0	0	0	73,247	S Construction - 2013 Bonds
	603,019	0	603,019	0	0	0	0	0	0	0	0	603,019	WASD Wastewater Commercial Paper - 2015
TOTAL	676,266	0	676,266	0	0	0	0	0	0	0	0	676,266	

EXPENDITURES

	73,247	0	73,247	0	0	0	0	0	0	0	0	73,247	S Construction - 2013 Bonds
	212,198	390,821	603,019	0	0	0	0	0	0	0	0	603,019	WASD Wastewater Commercial Paper - 2015
TOTAL	285,445	390,821	676,266	0	0	0	0	0	0	0	0	676,266	



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WASTEWATER PROJECTS

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1019. SANITARY SEWER SYSTEM EXTENSION

Commission District(s) Systemwide

OSBM No. 9653281

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				

.102131 S INSTALL 8-INCH D.I. FORCE MAIN ALONG SW 192 AVE. FROM SW 354 ST. TO SW 360 ST.

Commission District(s) 9

Sub-Project Budget / Estimated 23,845

REVENUES

	23,845	0	23,845	0	0	0	0	0	0	0	0	23,845	WASD Wastewater Commercial Paper - 2015
TOTAL	23,845	0	23,845	0	0	0	0	0	0	0	0	23,845	

EXPENDITURES

	0	23,845	23,845	0	0	0	0	0	0	0	0	23,845	WASD Wastewater Commercial Paper - 2015
TOTAL	0	23,845	23,845	0	0	0	0	0	0	0	0	23,845	

.102195 S WASTEWATER NEEDS ASSESMENT FOR NEW GRAVITY SEWER PHASE 1 - (CPCS)

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 190,133,491

REVENUES

	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	190,133,491	190,133,491	

EXPENDITURES

	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	190,133,491	190,133,491	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

	Prior			Projections									Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
100,575,654													
REVENUES													
		0	0	0	1,600,000	8,121,309	11,695,729	12,298,550	17,952,756	9,739,682	37,715,000	99,123,026	Future WASH Revenue Bonds
	424,345		0	424,345	0	0	0	0	0	0	0	424,345	S Construction - 2013 Bonds
	1,028,283		0	1,028,283	0	0	0	0	0	0	0	1,028,283	WASH Wastewater Commercial Paper - 2015
TOTAL	1,452,628.0	0	0	1,452,628	1,600,000.0	8,121,309	11,695,729	12,298,550	17,952,756	9,739,682	37,715,000	100,575,654	
EXPENDITURES													
		0	0	0	1,600,000	8,121,309	11,695,729	12,298,550	17,952,756	9,739,682	37,715,000	99,123,026	Future WASH Revenue Bonds
	424,344		0	424,344	0	0	0	0	0	0	0	424,344	S Construction - 2013 Bonds
	114,908	913,375		1,028,283	0	0	0	0	0	0	0	1,028,283	WASH Wastewater Commercial Paper - 2015
TOTAL	539,252.2	913,375	0	1,452,627	1,600,000.0	8,121,309	11,695,729	12,298,550	17,952,756	9,739,682	37,715,000	100,575,653	



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WASTEWATER PROJECTS

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1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.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	0	1,050,000	250,000	250,000	250,000	250,000	250,000	2,300,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	1,050,000	250,000	250,000	250,000	250,000	250,000	2,300,000	
EXPENDITURES													
		0	0	0	0	1,050,000	250,000	250,000	250,000	250,000	250,000	2,300,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	1,050,000	250,000	250,000	250,000	250,000	250,000	2,300,000	



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1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.101823 S INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 1,655,000

REVENUES

0	0	0	0	0	250,000	275,000	275,000	285,000	285,000	285,000	1,655,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	250,000	275,000	275,000	285,000	285,000	285,000	1,655,000
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EXPENDITURES

0	0	0	0	0	250,000	275,000	275,000	285,000	285,000	285,000	1,655,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	250,000	275,000	275,000	285,000	285,000	285,000	1,655,000
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1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.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	0	1,675,000	1,875,000	1,975,000	1,875,000	1,980,000	2,880,000	12,260,000	Future WASD Revenue Bonds
TOTAL	0	0	0	0	1,675,000	1,875,000	1,975,000	1,875,000	1,980,000	2,880,000	12,260,000	
EXPENDITURES												
	0	0	0	0	1,675,000	1,875,000	1,975,000	1,875,000	1,980,000	2,880,000	12,260,000	Future WASD Revenue Bonds
TOTAL	0	0	0	0	1,675,000	1,875,000	1,975,000	1,875,000	1,980,000	2,880,000	12,260,000	



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1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.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	850,000	950,000	1,000,000	1,000,000	436,977	0	0	0	4,236,977	Future WASD Revenue Bonds
	224,648	0	224,648	0	0	0	0	0	0	0	0	224,648	S Construction - 2013 Bonds
	813,375	0	813,375	0	0	0	0	0	0	0	0	813,375	WASD Wastewater Commercial Paper - 2015
TOTAL	1,038,023	0	1,038,023	850,000	950,000	1,000,000	1,000,000	436,977	0	0	0	5,275,000	
EXPENDITURES													
	0	0	0	850,000	950,000	1,000,000	1,000,000	436,977	0	0	0	4,236,977	Future WASD Revenue Bonds
	224,648	0	224,648	0	0	0	0	0	0	0	0	224,648	S Construction - 2013 Bonds
	0	813,375	813,375	0	0	0	0	0	0	0	0	813,375	WASD Wastewater Commercial Paper - 2015
TOTAL	224,648	813,375	1,038,023	850,000	950,000	1,000,000	1,000,000	436,977	0	0	0	5,275,000	



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Commission District(s) Systemwide

OSBM No. 9652002

Prior				Projections									Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		

.101933 S REPLACEMENT OF SUBMERSIBLE PUMPING EQUIPMENT

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 949,697

REVENUES

	0	0	0	0	500,000	250,000	0	0	0	0	750,000	Future WASD Revenue Bonds
	199,697	0	199,697	0	0	0	0	0	0	0	199,697	S Construction - 2013 Bonds
TOTAL	199,697	0	199,697	0	500,000	250,000	0	0	0	0	949,697	

EXPENDITURES

	0	0	0	0	500,000	250,000	0	0	0	0	750,000	Future WASD Revenue Bonds
	199,697	0	199,697	0	0	0	0	0	0	0	199,697	S Construction - 2013 Bonds
TOTAL	199,697	0	199,697	0	500,000	250,000	0	0	0	0	949,697	



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Commission District(s) Systemwide

OSBM No. 9652002

Prior				Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.101934 S REPLACEMENT OF VARIABLE REQUENCY DRIVES (VFD)

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 3,364,908

REVENUES

	0	0	0	750,000	800,000	1,600,000	0	0	0	0	3,150,000	Future WASD Revenue Bonds
	214,908	0	214,908	0	0	0	0	0	0	0	214,908	WASD Wastewater Commercial Paper - 2015
TOTAL	214,908	0	214,908	750,000	800,000	1,600,000	0	0	0	0	3,364,908	

EXPENDITURES

	0	0	0	750,000	800,000	1,600,000	0	0	0	0	3,150,000	Future WASD Revenue Bonds
	114,908	100,000	214,908	0	0	0	0	0	0	0	214,908	WASD Wastewater Commercial Paper - 2015
TOTAL	114,908	100,000	214,908	750,000	800,000	1,600,000	0	0	0	0	3,364,908	



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Commission District(s) Systemwide

OSBM No. 9652002

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102159 S CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 11,970,000

REVENUES

0	0	0	0	0	250,000	2,250,000	2,350,000	2,460,000	2,460,000	2,200,000	11,970,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	250,000	2,250,000	2,350,000	2,460,000	2,460,000	2,200,000	11,970,000
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EXPENDITURES

0	0	0	0	0	250,000	2,250,000	2,350,000	2,460,000	2,460,000	2,200,000	11,970,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	250,000	2,250,000	2,350,000	2,460,000	2,460,000	2,200,000	11,970,000
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1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102160 S CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 20,000,000													
REVENUES													
		0	0	0	0	351,296	783,525	546,517	1,388,765	3,429,897	13,500,000	20,000,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	351,296	783,525	546,517	1,388,765	3,429,897	13,500,000	20,000,000	
EXPENDITURES													
		0	0	0	0	351,296	783,525	546,517	1,388,765	3,429,897	13,500,000	20,000,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	351,296	783,525	546,517	1,388,765	3,429,897	13,500,000	20,000,000	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

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1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102161 S CONVERSION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 18,000,003

REVENUES

0	0	0	0	0	253,937	706,607	978,697	3,893,715	567,047	11,600,000	18,000,003	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	253,937	706,607	978,697	3,893,715	567,047	11,600,000	18,000,003
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EXPENDITURES

0	0	0	0	0	253,937	706,607	978,697	3,893,715	567,047	11,600,000	18,000,003	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	253,937	706,607	978,697	3,893,715	567,047	11,600,000	18,000,003
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Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

Version 3

1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

Prior				Projections									Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		

.102163 S PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT

Commission District(s) 7

Sub-Project Budget / Estimated 13,106,279

REVENUES

0	0	0	0	0	291,076	1,281,448	2,718,729	3,500,000	315,026	5,000,000	13,106,279	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	291,076	1,281,448	2,718,729	3,500,000	315,026	5,000,000	13,106,279
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EXPENDITURES

0	0	0	0	0	291,076	1,281,448	2,718,729	3,500,000	315,026	5,000,000	13,106,279	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	291,076	1,281,448	2,718,729	3,500,000	315,026	5,000,000	13,106,279
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Miami-Dade Water and Sewer Department
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1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

Prior				Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.102164 S REPLACEMENT OF CONE VALVES

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 4,048,777

REVENUES

0	0	0	0	0	1,500,000	391,034	1,766,167	179,134	212,442	0	4,048,777	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	1,500,000	391,034	1,766,167	179,134	212,442	0	4,048,777
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EXPENDITURES

0	0	0	0	0	1,500,000	391,034	1,766,167	179,134	212,442	0	4,048,777	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	1,500,000	391,034	1,766,167	179,134	212,442	0	4,048,777
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WASTEWATER PROJECTS

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1021. PUMP STATION GENERATORS AND MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652002

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102165 S REPLACEMENT OF OBSOLETE GENERATORS													
Commission District(s)													
Sub-Project Budget / Estimated		7,645,990											
REVENUES													
		0	0	0	0	250,000	1,033,115	438,440	3,684,165	240,270	2,000,000	7,645,990	Future WASD Revenue Bonds
TOTAL		0	0	0	0	250,000	1,033,115	438,440	3,684,165	240,270	2,000,000	7,645,990	
EXPENDITURES													
		0	0	0	0	250,000	1,033,115	438,440	3,684,165	240,270	2,000,000	7,645,990	Future WASD Revenue Bonds
TOTAL		0	0	0	0	250,000	1,033,115	438,440	3,684,165	240,270	2,000,000	7,645,990	



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
	7,421,982												
REVENUES													
		1,375,711	0	1,375,711	0	0	0	0	0	0	0	1,375,711	Construction - 2010 Bonds
		1,278,707	0	1,278,707	0	0	0	0	0	0	0	1,278,707	WASD Wastewater Commercial Paper - 2015
		486,566	1,280,998	1,767,564	0	500,000	500,000	500,000	500,000	500,000	500,000	4,767,564	Wastewater Renewal &
TOTAL		3,140,984.0	1,280,998	4,421,982	0.0	500,000	500,000	500,000	500,000	500,000	500,000	7,421,982	
EXPENDITURES													
		1,375,711	0	1,375,711	0	0	0	0	0	0	0	1,375,711	Construction - 2010 Bonds
		0	1,278,707	1,278,707	0	0	0	0	0	0	0	1,278,707	WASD Wastewater Commercial Paper - 2015
		0	1,280,998	1,280,998	486,566	500,000	500,000	500,000	500,000	500,000	500,000	4,767,564	Wastewater Renewal &
TOTAL		1,375,710.9	2,559,705	3,935,416	486,566.0	500,000	500,000	500,000	500,000	500,000	500,000	7,421,982	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

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1023. WASTEWATER TELEMETERING SYSTEM

Commission District(s) Systemwide

OSBM No. 9652481

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.100621 S TELEMETERING SYSTEM - WASTEWATER													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	7,421,982												
REVENUES													
	1,375,711	0	1,375,711	0	0	0	0	0	0	0	0	1,375,711	Construction - 2010 Bonds
	1,278,707	0	1,278,707	0	0	0	0	0	0	0	0	1,278,707	WASD Wastewater Commercial Paper - 2015
	486,566	1,280,998	1,767,564	0	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,767,564	Wastewater Renewal & Replacement Fund
TOTAL	3,140,984	1,280,998	4,421,982	0	500,000	500,000	500,000	500,000	500,000	500,000	500,000	7,421,982	
EXPENDITURES													
	1,375,711	0	1,375,711	0	0	0	0	0	0	0	0	1,375,711	Construction - 2010 Bonds
	0	1,278,707	1,278,707	0	0	0	0	0	0	0	0	1,278,707	WASD Wastewater Commercial Paper - 2015
	0	1,280,998	1,280,998	486,566	500,000	500,000	500,000	500,000	500,000	500,000	500,000	4,767,564	Wastewater Renewal & Replacement Fund
TOTAL	1,375,711	2,559,705	3,935,416	486,566	500,000	500,000	500,000	500,000	500,000	500,000	500,000	7,421,982	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1024. WASTEWATER SYSTEM MAINTENANCE AND UPGRADES

Commission District(s) Systemwide

OSBM No. 9650361

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
REVENUES	315,780,582												
		3,187,825	0	3,187,825	0	0	0	0	0	0	0	3,187,825	Construction - 2010 Bonds
		21,260,816	18,428,441	39,689,257	14,403,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	312,592,757	Wastewater Renewal &
TOTAL		24,448,641.0	18,428,441	42,877,082	14,403,500.0	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	315,780,582	
EXPENDITURES													
		3,187,825	0	3,187,825	0	0	0	0	0	0	0	3,187,825	Construction - 2010 Bonds
		18,260,816	18,428,441	36,689,257	17,403,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	312,592,757	Wastewater Renewal &
TOTAL		21,448,641.1	18,428,441	39,877,082	17,403,500.0	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	315,780,582	



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WASTEWATER PROJECTS

Version 3

1024. WASTEWATER SYSTEM MAINTENANCE AND UPGRADES

Commission District(s) Systemwide

OSBM No. 9650361

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.100622 S WASTEWATER SYSTEM UPGRADES													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 315,780,582													
REVENUES													
	3,187,825	0	3,187,825	0	0	0	0	0	0	0	0	3,187,825	Construction - 2010 Bonds
	21,260,816	18,428,441	39,689,257	14,403,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	312,592,757	Wastewater Renewal & Replacement Fund
TOTAL	24,448,641	18,428,441	42,877,082	14,403,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	315,780,582	
EXPENDITURES													
	3,187,825	0	3,187,825	0	0	0	0	0	0	0	0	3,187,825	Construction - 2010 Bonds
	18,260,816	18,428,441	36,689,257	17,403,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	312,592,757	Wastewater Renewal & Replacement Fund
TOTAL	21,448,641	18,428,441	39,877,082	17,403,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	183,500,000	315,780,582	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1025. LIFT STATION UPGRADES AND STRUCTURAL MAINTENANCE IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650371

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
	44,615,150													
REVENUES														
		1,930,778	0	1,930,778	0	0	0	0	0	0	0	1,930,778	Construction - 2010 Bonds	
		0	0	0	1,886,474	1,626,569	2,000,000	1,500,000	500,000	1,000,000	5,000,000	13,513,043	Future WASHD Revenue Bonds	
		256,221	0	256,221	0	0	0	0	0	0	0	256,221	WASHD Wastewater Commercial Paper - 2015	
		7,855,108	60,000	7,915,108	0	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	28,915,108	Wastewater Renewal &	
TOTAL		10,042,107.0	60,000	10,102,107	1,886,474.0	5,126,569	5,500,000	5,000,000	4,000,000	4,500,000	8,500,000	44,615,150		
EXPENDITURES														
		1,930,778	0	1,930,778	0	0	0	0	0	0	0	1,930,778	Construction - 2010 Bonds	
		0	0	0	1,886,474	1,626,569	2,000,000	1,500,000	500,000	1,000,000	5,000,000	13,513,043	Future WASHD Revenue Bonds	
		0	256,221	256,221	0	0	0	0	0	0	0	256,221	WASHD Wastewater Commercial Paper - 2015	
		4,330,408	60,000	4,390,408	3,524,700	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	28,915,108	Wastewater Renewal &	
TOTAL		6,261,186.4	316,221	6,577,407	5,411,174.0	5,126,569	5,500,000	5,000,000	4,000,000	4,500,000	8,500,000	44,615,150		



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WASTEWATER PROJECTS

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1025. LIFT STATION UPGRADES AND STRUCTURAL MAINTENANCE IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650371

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.100623 S LIFT STATION STRUCTURAL MAINTENANCE & UPGRADES													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		30,845,886											
REVENUES													
	1,930,778	0	1,930,778	0	0	0	0	0	0	0	0	1,930,778	Construction - 2010 Bonds
	7,855,108	60,000	7,915,108	0	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	28,915,108	Wastewater Renewal & Replacement Fund
TOTAL	9,785,886	60,000	9,845,886	0	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	30,845,886	
EXPENDITURES													
	1,930,778	0	1,930,778	0	0	0	0	0	0	0	0	1,930,778	Construction - 2010 Bonds
	4,330,408	60,000	4,390,408	3,524,700	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	28,915,108	Wastewater Renewal & Replacement Fund
TOTAL	6,261,186	60,000	6,321,186	3,524,700	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	30,845,886	



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1025. LIFT STATION UPGRADES AND STRUCTURAL MAINTENANCE IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650371

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102126 S RELOCATION OF 20 PUMP STATIONS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		13,769,264											
REVENUES													
		0	0	0	1,886,474	1,626,569	2,000,000	1,500,000	500,000	1,000,000	5,000,000	13,513,043	Future WSD Revenue Bonds
	256,221	0	256,221	0	0	0	0	0	0	0	0	256,221	WSD Wastewater Commercial Paper - 2015
TOTAL	256,221	0	256,221	1,886,474	1,626,569	2,000,000	1,500,000	500,000	1,000,000	5,000,000	13,769,264		
EXPENDITURES													
		0	0	0	1,886,474	1,626,569	2,000,000	1,500,000	500,000	1,000,000	5,000,000	13,513,043	Future WSD Revenue Bonds
	0	256,221	256,221	0	0	0	0	0	0	0	0	256,221	WSD Wastewater Commercial Paper - 2015
TOTAL	0	256,221	256,221	1,886,474	1,626,569	2,000,000	1,500,000	500,000	1,000,000	5,000,000	13,769,264		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1027. WASTEWATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650301

	Prior			Projections									Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
	135,953,816												
REVENUES													
		551,811	0	551,811	0	0	0	0	0	0	0	551,811	WASD Wastewater Commercial Paper - 2015
		32,902,554	15,277,451	48,180,005	6,222,000	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	135,402,005	Wastewater Renewal &
TOTAL		33,454,364.6	15,277,451	48,731,816	6,222,000.0	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	135,953,816	
EXPENDITURES													
		0	551,811	551,811	0	0	0	0	0	0	0	551,811	WASD Wastewater Commercial Paper - 2015
		20,258,679	16,466,553	36,725,232	17,676,773	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	135,402,005	Wastewater Renewal &
TOTAL		20,258,679.0	17,018,364	37,277,043	17,676,773.0	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	13,500,000	135,953,816	



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1027. WASTEWATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650301

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.100625 S MISCELLANEOUS TOOLS AND EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 49,076,267													
REVENUES													
		551,811	0	551,811	0	0	0	0	0	0	0	551,811	WASD Wastewater Commercial Paper - 2015
	12,302,456	4,500,000	16,802,456	1,722,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	48,524,456	Wastewater Renewal & Replacement Fund
TOTAL	12,854,267	4,500,000	17,354,267	1,722,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	49,076,267	
EXPENDITURES													
	0	551,811	551,811	0	0	0	0	0	0	0	0	551,811	WASD Wastewater Commercial Paper - 2015
	7,712,026	4,500,000	12,212,026	6,312,430	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	48,524,456	Wastewater Renewal & Replacement Fund
TOTAL	7,712,026	5,051,811	12,763,837	6,312,430	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	49,076,267	



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	Prior			Projections								Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		
.101729 S VEHICLES/TRANSPORTATION EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	51,447,783												
REVENUES													
	6,610,442	4,837,341	11,447,783	4,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	51,447,783	Wastewater Renewal & Replacement Fund
TOTAL	6,610,442	4,837,341	11,447,783	4,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	51,447,783	
EXPENDITURES													
	3,645,497	6,026,443	9,671,940	5,775,843	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	51,447,783	Wastewater Renewal & Replacement Fund
TOTAL	3,645,497	6,026,443	9,671,940	5,775,843	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	51,447,783	
.101730 S HEAVY CONSTRUCTION EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	35,429,766												
REVENUES													
	13,989,656	5,940,110	19,929,766	500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	35,429,766	Wastewater Renewal & Replacement Fund
TOTAL	13,989,656	5,940,110	19,929,766	500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	35,429,766	
EXPENDITURES													
	8,901,156	5,940,110	14,841,266	5,588,500	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	35,429,766	Wastewater Renewal & Replacement Fund
TOTAL	8,901,156	5,940,110	14,841,266	5,588,500	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	35,429,766	



Miami-Dade Water and Sewer Department
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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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future			
168,336,942														
REVENUES														
		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	608,333	3,526,484	0	0	0	0	0	4,134,817	Future WAST Revenue Bonds	
		16,363	0	16,363	0	0	0	0	0	0	0	16,363	S Construction - 2013 Bonds	
		1,216,666	0	1,216,666	0	0	0	0	0	0	0	1,216,666	WAST Wastewater Commercial Paper - 2015	
		24,872,525	9,300,881	34,173,406	16,374,500	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	110,547,906	Wastewater Renewal &	
TOTAL		26,876,743.9	9,300,881	36,177,625	16,982,833.0	13,526,484	10,000,000	10,000,000	10,000,000	10,000,000	61,650,000	168,336,942		
EXPENDITURES														
		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	608,333	3,526,484	0	0	0	0	0	4,134,817	Future WAST Revenue Bonds	
		16,363	0	16,363	0	0	0	0	0	0	0	16,363	S Construction - 2013 Bonds	
		0	1,216,666	1,216,666	0	0	0	0	0	0	0	1,216,666	WAST Wastewater Commercial Paper - 2015	
		19,531,406	12,974,500	32,505,906	18,042,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	110,547,906	Wastewater Renewal &	
TOTAL		20,318,959.3	14,191,166	34,510,125	18,650,333.0	13,526,484	10,000,000	10,000,000	10,000,000	10,000,000	61,650,000	168,336,942		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

Version 3

1029. WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION

Commission District(s) Systemwide

OSBM No. 9653261

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.100627 S WASTEWATER TREATMENT PLANTS REHABILITATION													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 100,089,959													
REVENUES													
	771,190	0	771,190	0	0	0	0	0	0	0	0	771,190	Construction - 2010 Bonds
	16,363	0	16,363	0	0	0	0	0	0	0	0	16,363	S Construction - 2013 Bonds
	0	0	0	0	0	0	0	0	0	0	0	0	WASD Wastewater Commercial Paper - 2015
	22,327,906	9,000,000	31,327,906	16,374,500	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	99,302,406	Wastewater Renewal & Replacement Fund
TOTAL	23,115,459	9,000,000	32,115,459	16,374,500	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	100,089,959	
EXPENDITURES													
	771,190	0	771,190	0	0	0	0	0	0	0	0	771,190	Construction - 2010 Bonds
	16,363	0	16,363	0	0	0	0	0	0	0	0	16,363	S Construction - 2013 Bonds
	0	0	0	0	0	0	0	0	0	0	0	0	WASD Wastewater Commercial Paper - 2015
	19,531,406	11,796,500	31,327,906	16,374,500	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	99,302,406	Wastewater Renewal & Replacement Fund
TOTAL	20,318,959	11,796,500	32,115,459	16,374,500	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	8,600,000	100,089,959	



Miami-Dade Water and Sewer Department
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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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.101732 S SECURITY PROJECTS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 16,596,983													
REVENUES													
	0	0	0	608,333	3,526,484	0	0	0	0	0	0	4,134,817	Future WASH Revenue Bonds
	1,216,666	0	1,216,666	0	0	0	0	0	0	0	0	1,216,666	WASH Wastewater Commercial Paper - 2015
	2,544,619	300,881	2,845,500	0	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	11,245,500	Wastewater Renewal & Replacement Fund
TOTAL	3,761,285	300,881	4,062,166	608,333	4,926,484	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	16,596,983	
EXPENDITURES													
	0	0	0	608,333	3,526,484	0	0	0	0	0	0	4,134,817	Future WASH Revenue Bonds
	0	1,216,666	1,216,666	0	0	0	0	0	0	0	0	1,216,666	WASH Wastewater Commercial Paper - 2015
	0	1,178,000	1,178,000	1,667,500	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	11,245,500	Wastewater Renewal & Replacement Fund
TOTAL	0	2,394,666	2,394,666	2,275,833	4,926,484	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	16,596,983	



Miami-Dade Water and Sewer Department
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1029. WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION

Commission District(s) Systemwide

OSBM No. 9653261

Prior				Projections									Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		

.102018 S UPGRADE WHOLESALE WASTEWATER FLOW METERS - (CPCS)

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
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
	14,300,000												
REVENUES													
		0	0	0	2,488,743	288,424	3,793,312	160,180	500,000	500,000	6,500,000	14,230,659	Future WAST Revenue Bonds
		69,341	0	69,341	0	0	0	0	0	0	0	69,341	WAST Wastewater Commercial Paper - 2015
TOTAL		69,341.0	0	69,341	2,488,743.0	288,424	3,793,312	160,180	500,000	500,000	6,500,000	14,300,000	
EXPENDITURES													
		0	0	0	2,488,743	288,424	3,793,312	160,180	500,000	500,000	6,500,000	14,230,659	Future WAST Revenue Bonds
		0	69,341	69,341	0	0	0	0	0	0	0	69,341	WAST Wastewater Commercial Paper - 2015
TOTAL		0.0	69,341	69,341	2,488,743.0	288,424	3,793,312	160,180	500,000	500,000	6,500,000	14,300,000	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

Version 3

1032. WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652061

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	

.101808 S EMD GENERATOR HOUSING REPLACEMENT AT WWTP

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 1,800,000

REVENUES

	0	0	0	1,800,000	0	0	0	0	0	0	0	1,800,000	Future WASH Revenue Bonds
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TOTAL	0	0	0	1,800,000	0	0	0	0	0	0	0	1,800,000	
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EXPENDITURES

	0	0	0	1,800,000	0	0	0	0	0	0	0	1,800,000	Future WASH Revenue Bonds
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TOTAL	0	0	0	1,800,000	0	0	0	0	0	0	0	1,800,000	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

Version 3

1032. WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652061

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101885 S WWTP - VIDEO SURVEILANCE SYSTEM													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		5,000,000											
REVENUES													
		0	0	0	688,743	288,424	3,793,312	160,180	0	0	0	4,930,659	Future WASD Revenue Bonds
	69,341	0	69,341	0	0	0	0	0	0	0	0	69,341	WASD Wastewater Commercial Paper - 2015
TOTAL	69,341	0	69,341	688,743	288,424	3,793,312	160,180	0	0	0	0	5,000,000	
EXPENDITURES													
		0	0	0	688,743	288,424	3,793,312	160,180	0	0	0	4,930,659	Future WASD Revenue Bonds
	0	69,341	69,341	0	0	0	0	0	0	0	0	69,341	WASD Wastewater Commercial Paper - 2015
TOTAL	0	69,341	69,341	688,743	288,424	3,793,312	160,180	0	0	0	0	5,000,000	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

Version 3

1032. WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9652061

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102004 S WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES - (CPCS)

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 7,500,000

REVENUES

0	0	0	0	0	0	0	0	0	500,000	500,000	6,500,000	7,500,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	500,000	500,000	6,500,000	7,500,000
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EXPENDITURES

0	0	0	0	0	0	0	0	0	500,000	500,000	6,500,000	7,500,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	500,000	500,000	6,500,000	7,500,000
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WASTEWATER PROJECTS

1039. MIAMI SPRINGS CONSTRUCTION FUND - WASTEWATER

Commission District(s) 6

OSBM No. 969110

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
REVENUES	1,326,105												
		866,794	207,466	1,074,260	251,845	0	0	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL		866,794.0	207,466	1,074,260	251,845.0	0	0	0	0	0	0	1,326,105	
EXPENDITURES													
		866,794	207,466	1,074,260	251,845	0	0	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL		866,794.1	207,466	1,074,260	251,845.0	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													
		866,794	207,466	1,074,260	251,845	0	0	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL		866,794	207,466	1,074,260	251,845	0	0	0	0	0	0	1,326,105	
EXPENDITURES													
		866,794	207,466	1,074,260	251,845	0	0	0	0	0	0	1,326,105	Miami Springs Construction Fund
TOTAL		866,794	207,466	1,074,260	251,845	0	0	0	0	0	0	1,326,105	



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
4,231,764,992													
REVENUES													
	344,254	0	344,254	0	0	0	0	0	0	0	0	344,254	Construction - 2010 Bonds
	0	0	0	24,146,631	20,249,751	45,221,571	54,287,736	65,814,070	98,582,014	3,842,588,889	4,150,890,662	4,150,890,662	Future WAST Revenue Bonds
	5,735,466	6,140,176	11,875,642	0	0	0	0	0	0	0	0	11,875,642	Plant Expansion Fund - Wastewater
	22,415,086	0	22,415,086	0	0	0	0	0	0	0	0	22,415,086	S Construction - 2013 Bonds
	18,676,932	1,210,955	19,887,887	0	0	0	0	0	0	0	0	19,887,887	State Revolving Loans - Wastewater
	26,351,461	0	26,351,461	0	0	0	0	0	0	0	0	26,351,461	WAST Wastewater Commercial Paper - 2015
TOTAL	73,523,198.6	7,351,131	80,874,330	24,146,631.0	20,249,751	45,221,571	54,287,736	65,814,070	98,582,014	3,842,588,889	4,231,764,992		
EXPENDITURES													
	344,254	0	344,254	0	0	0	0	0	0	0	0	344,254	Construction - 2010 Bonds
	0	0	0	24,146,631	20,249,751	45,221,571	54,287,736	65,814,070	98,582,014	3,842,588,889	4,150,890,662	4,150,890,662	Future WAST Revenue Bonds
	5,735,466	6,140,176	11,875,642	0	0	0	0	0	0	0	0	11,875,642	Plant Expansion Fund - Wastewater
	22,415,086	0	22,415,086	0	0	0	0	0	0	0	0	22,415,086	S Construction - 2013 Bonds
	18,676,932	1,210,955	19,887,887	0	0	0	0	0	0	0	0	19,887,887	State Revolving Loans - Wastewater
	8,658,757	17,692,704	26,351,461	0	0	0	0	0	0	0	0	26,351,461	WAST Wastewater Commercial Paper - 2015
TOTAL	55,830,495.1	25,043,835	80,874,330	24,146,631.0	20,249,751	45,221,571	54,287,736	65,814,070	98,582,014	3,842,588,889	4,231,764,992		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

Version 3

1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.101858 S FLOW CONTROL PIPELINE INTERCONNECTION (CL-X)

Commission District(s) 12

Sub-Project Budget / Estimated 6,387,546

REVENUES

0	0	0	0	0	0	0	0	0	41,672	247,398	6,098,476	6,387,546	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	41,672	247,398	6,098,476	6,387,546	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	41,672	247,398	6,098,476	6,387,546	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	41,672	247,398	6,098,476	6,387,546	
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Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

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1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101862 S UPGRADE AND EXPANSION TO PS 187 (CEP-187E)													
Commission District(s) 6													
Sub-Project Budget / Estimated	71,353,459												
REVENUES													
		0	0	0	940,921	475,391	828,459	2,449,976	1,013,061	3,000,000	61,861,619	70,569,427	Future WSD Revenue Bonds
	784,032	0	784,032	0	0	0	0	0	0	0	0	784,032	WSD Wastewater Commercial Paper - 2015
TOTAL	784,032	0	784,032	940,921	475,391	828,459	2,449,976	1,013,061	3,000,000	61,861,619	71,353,459		
EXPENDITURES													
		0	0	0	940,921	475,391	828,459	2,449,976	1,013,061	3,000,000	61,861,619	70,569,427	Future WSD Revenue Bonds
	0	784,032	784,032	0	0	0	0	0	0	0	0	784,032	WSD Wastewater Commercial Paper - 2015
TOTAL	0	784,032	784,032	940,921	475,391	828,459	2,449,976	1,013,061	3,000,000	61,861,619	71,353,459		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

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1040. OCEAN OUTFALL LEGISLATION REGULATORY

Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.101867 S CDWWTP HLD FILTERS (141 MGD) (CT-2)

Commission District(s) 7

Sub-Project Budget / Estimated 269,913,530

REVENUES

0	0	0	1,468,377	1,074,801	2,359,777	3,541,951	4,527,370	5,012,796	251,928,458	269,913,530	Future WASD Revenue Bonds
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TOTAL	0	0	0	1,468,377	1,074,801	2,359,777	3,541,951	4,527,370	5,012,796	251,928,458	269,913,530
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EXPENDITURES

0	0	0	1,468,377	1,074,801	2,359,777	3,541,951	4,527,370	5,012,796	251,928,458	269,913,530	Future WASD Revenue Bonds
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TOTAL	0	0	0	1,468,377	1,074,801	2,359,777	3,541,951	4,527,370	5,012,796	251,928,458	269,913,530
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Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.102006 S NDWWTP - HLD TREATMENT 57 MGD (NT-2)												
Commission District(s) 4												
Sub-Project Budget / Estimated	122,590,683											
REVENUES												
	0	0	0	1,285,117	2,398,510	3,236,257	745,916	1,207,413	3,554,397	110,163,073	122,590,683	Future WASD Revenue Bonds
TOTAL	0	0	0	1,285,117	2,398,510	3,236,257	745,916	1,207,413	3,554,397	110,163,073	122,590,683	
EXPENDITURES												
	0	0	0	1,285,117	2,398,510	3,236,257	745,916	1,207,413	3,554,397	110,163,073	122,590,683	Future WASD Revenue Bonds
TOTAL	0	0	0	1,285,117	2,398,510	3,236,257	745,916	1,207,413	3,554,397	110,163,073	122,590,683	



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OSBM No. 962670

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102007 S NDWWTP- BZ DEEP INJECTION WELLS (NE-2)														
Commission District(s) 4														
Sub-Project Budget / Estimated	60,503,649													
REVENUES														
		0	0	0	0	0	687,070	377,687	3,060,929	4,838,743	51,539,220	60,503,649	Future WASD Revenue Bonds	
TOTAL		0	0	0	0	0	687,070	377,687	3,060,929	4,838,743	51,539,220	60,503,649		
EXPENDITURES														
		0	0	0	0	0	687,070	377,687	3,060,929	4,838,743	51,539,220	60,503,649	Future WASD Revenue Bonds	
TOTAL		0	0	0	0	0	687,070	377,687	3,060,929	4,838,743	51,539,220	60,503,649		



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Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.102008 S NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)												
Commission District(s) 4												
Sub-Project Budget / Estimated	38,495,530											
REVENUES												
	0	0	0	515,459	1,042,200	233,313	233,313	233,313	1,842,389	34,395,543	38,495,530	Future WASD Revenue Bonds
TOTAL	0	0	0	515,459	1,042,200	233,313	233,313	233,313	1,842,389	34,395,543	38,495,530	
EXPENDITURES												
	0	0	0	515,459	1,042,200	233,313	233,313	233,313	1,842,389	34,395,543	38,495,530	Future WASD Revenue Bonds
TOTAL	0	0	0	515,459	1,042,200	233,313	233,313	233,313	1,842,389	34,395,543	38,495,530	



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Commission District(s) Systemwide

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		Prior			Projections								
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.102009 S CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)

Commission District(s) 7

Sub-Project Budget / Estimated 85,696,395

REVENUES

	0	0	0	516,453	1,161,749	526,194	587,941	220,741	1,501,727	81,181,590	85,696,395	Future WASD Revenue Bonds
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TOTAL	0	0	0	516,453	1,161,749	526,194	587,941	220,741	1,501,727	81,181,590	85,696,395	
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EXPENDITURES

	0	0	0	516,453	1,161,749	526,194	587,941	220,741	1,501,727	81,181,590	85,696,395	Future WASD Revenue Bonds
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TOTAL	0	0	0	516,453	1,161,749	526,194	587,941	220,741	1,501,727	81,181,590	85,696,395	
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Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102010 S CDWWTP- BZ DEEP INJECTION WELLS (CD-2)													
Commission District(s) 7													
Sub-Project Budget / Estimated 66,950,842													
REVENUES													
		0	0	0	884,847	107,627	1,102,144	2,744,750	3,379,227	5,147,231	53,418,282	66,784,108	Future WSD Revenue Bonds
	166,734	0	166,734	0	0	0	0	0	0	0	0	166,734	WSD Wastewater Commercial Paper - 2015
TOTAL	166,734	0	166,734	884,847	107,627	1,102,144	2,744,750	3,379,227	5,147,231	53,418,282	66,950,842		
EXPENDITURES													
		0	0	0	884,847	107,627	1,102,144	2,744,750	3,379,227	5,147,231	53,418,282	66,784,108	Future WSD Revenue Bonds
	0	166,734	166,734	0	0	0	0	0	0	0	0	166,734	WSD Wastewater Commercial Paper - 2015
TOTAL	0	166,734	166,734	884,847	107,627	1,102,144	2,744,750	3,379,227	5,147,231	53,418,282	66,950,842		



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102034 S WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)													
Commission District(s) 12													
Sub-Project Budget / Estimated 1,880,345,702													
REVENUES													
		0	0	0	566,014	1,087,629	2,587,629	3,772,000	4,132,039	6,624,431	1,855,527,943	1,874,297,685	Future WASD Revenue Bonds
	2,335,466	3,712,551	6,048,017	0	0	0	0	0	0	0	0	6,048,017	Plant Expansion Fund - Wastewater
TOTAL	2,335,466	3,712,551	6,048,017	566,014	1,087,629	2,587,629	3,772,000	4,132,039	6,624,431	1,855,527,943	1,880,345,702		
EXPENDITURES													
		0	0	0	566,014	1,087,629	2,587,629	3,772,000	4,132,039	6,624,431	1,855,527,943	1,874,297,685	Future WASD Revenue Bonds
	2,335,466	3,712,551	6,048,017	0	0	0	0	0	0	0	0	6,048,017	Plant Expansion Fund - Wastewater
TOTAL	2,335,466	3,712,551	6,048,017	566,014	1,087,629	2,587,629	3,772,000	4,132,039	6,624,431	1,855,527,943	1,880,345,702		



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102038 S CDWWTP - CENTRATE INJECTION WELL (CE-4)													
Commission District(s) 7													
Sub-Project Budget / Estimated	32,897,619												
REVENUES													
	344,254	0	344,254	0	0	0	0	0	0	0	0	344,254	Construction - 2010 Bonds
	0	0	0	1,960,351	0	0	0	0	0	0	0	1,960,351	Future WAST Revenue Bonds
	0	2,427,625	2,427,625	0	0	0	0	0	0	0	0	2,427,625	Plant Expansion Fund - Wastewater
	6,309,313	0	6,309,313	0	0	0	0	0	0	0	0	6,309,313	S Construction - 2013 Bonds
	18,676,932	1,210,955	19,887,887	0	0	0	0	0	0	0	0	19,887,887	State Revolving Loans - Wastewater
	1,968,189	0	1,968,189	0	0	0	0	0	0	0	0	1,968,189	WAST Wastewater Commercial Paper - 2015
TOTAL	27,298,688	3,638,580	30,937,268	1,960,351	0	0	0	0	0	0	0	32,897,619	



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	Prior			Projections									Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
EXPENDITURES													
		344,254	0	344,254	0	0	0	0	0	0	0	344,254	Construction - 2010 Bonds
		0	0	0	1,960,351	0	0	0	0	0	0	1,960,351	Future WASH Revenue Bonds
		0	2,427,625	2,427,625	0	0	0	0	0	0	0	2,427,625	Plant Expansion Fund - Wastewater
		6,309,313	0	6,309,313	0	0	0	0	0	0	0	6,309,313	S Construction - 2013 Bonds
		18,676,932	1,210,955	19,887,887	0	0	0	0	0	0	0	19,887,887	State Revolving Loans - Wastewater
		472,904	1,495,285	1,968,189	0	0	0	0	0	0	0	1,968,189	WASH Wastewater Commercial Paper - 2015
TOTAL		25,803,403	5,133,865	30,937,268	1,960,351	0	0	0	0	0	0	32,897,619	



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OSBM No. 962670

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.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 56,505,274

REVENUES

0	0	0	0	432,135	1,623,574	753,635	53,695,930	56,505,274	Future WASD Revenue Bonds
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TOTAL	0	0	0	432,135	1,623,574	753,635	53,695,930	56,505,274	
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EXPENDITURES

0	0	0	0	432,135	1,623,574	753,635	53,695,930	56,505,274	Future WASD Revenue Bonds
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TOTAL	0	0	0	432,135	1,623,574	753,635	53,695,930	56,505,274	
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OSBM No. 962670

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102070 S 54-INCH FM FROM WP-1 (DORAL) TO WDWWT (CL-9)														
Commission District(s) 12														
Sub-Project Budget / Estimated 136,940,801														
REVENUES														
		0	0	0	0	0	0	2,050,304	3,859,063	4,898,545	126,132,889	136,940,801	Future WASD Revenue Bonds	
TOTAL		0	0	0	0	0	0	2,050,304	3,859,063	4,898,545	126,132,889	136,940,801		
EXPENDITURES														
		0	0	0	0	0	0	2,050,304	3,859,063	4,898,545	126,132,889	136,940,801	Future WASD Revenue Bonds	
TOTAL		0	0	0	0	0	0	2,050,304	3,859,063	4,898,545	126,132,889	136,940,801		



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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102071 S 72-INCH FM CONNECTION IN SW 137 AVE TO CL-4 FM IN NW 6 ST (CL-5)

Commission District(s) 12

Sub-Project Budget / Estimated 28,079,163

REVENUES

0	0	0	0	0	0	0	0	0	801,689	2,046,924	25,230,550	28,079,163	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	801,689	2,046,924	25,230,550	28,079,163	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	801,689	2,046,924	25,230,550	28,079,163	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	801,689	2,046,924	25,230,550	28,079,163	
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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102073 S CDWWTP - PEAK FLOW TREATMENT (CT-3)

Commission District(s) 7

Sub-Project Budget / Estimated 57,180,300

REVENUES

	0	0	0	392,483	686,664	686,664	686,664	1,960,908	716,685	52,050,232	57,180,300	Future WASD Revenue Bonds
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TOTAL	0	0	0	392,483	686,664	686,664	686,664	1,960,908	716,685	52,050,232	57,180,300	
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EXPENDITURES

	0	0	0	392,483	686,664	686,664	686,664	1,960,908	716,685	52,050,232	57,180,300	Future WASD Revenue Bonds
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TOTAL	0	0	0	392,483	686,664	686,664	686,664	1,960,908	716,685	52,050,232	57,180,300	
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Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.102075 S DORAL BOOSTER STATION (WP-1)												
Commission District(s) 12												
Sub-Project Budget / Estimated 32,105,618												
REVENUES												
	0	0	0	0	384,363	735,322	1,058,889	3,287,922	5,809,090	17,430,032	28,705,618	Future WASD Revenue Bonds
	3,400,000	0	3,400,000	0	0	0	0	0	0	0	3,400,000	Plant Expansion Fund - Wastewater
TOTAL	3,400,000	0	3,400,000	0	384,363	735,322	1,058,889	3,287,922	5,809,090	17,430,032	32,105,618	
EXPENDITURES												
	0	0	0	0	384,363	735,322	1,058,889	3,287,922	5,809,090	17,430,032	28,705,618	Future WASD Revenue Bonds
	3,400,000	0	3,400,000	0	0	0	0	0	0	0	3,400,000	Plant Expansion Fund - Wastewater
TOTAL	3,400,000	0	3,400,000	0	384,363	735,322	1,058,889	3,287,922	5,809,090	17,430,032	32,105,618	



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		Prior			Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		

.102076 S EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWTP (CL-4)

Commission District(s) 12,6,10

Sub-Project Budget / Estimated 242,132,788

REVENUES

0	0	0	0	0	0	4,531,104	1,559,537	1,102,966	2,084,888	232,854,293	242,132,788	Future WASHD Revenue Bonds
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TOTAL

0	0	0	0	0	0	4,531,104	1,559,537	1,102,966	2,084,888	232,854,293	242,132,788	
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EXPENDITURES

0	0	0	0	0	0	4,531,104	1,559,537	1,102,966	2,084,888	232,854,293	242,132,788	Future WASHD Revenue Bonds
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TOTAL

0	0	0	0	0	0	4,531,104	1,559,537	1,102,966	2,084,888	232,854,293	242,132,788	
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Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.102080 S NDWWTP - PEAK FLOW TREATMENT (NT-3)												
Commission District(s) 4												
Sub-Project Budget / Estimated	41,004,613											
REVENUES												
	0	0	0	0	0	1,751,187	1,400,269	295,130	3,381,109	34,176,918	41,004,613	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	1,751,187	1,400,269	295,130	3,381,109	34,176,918	41,004,613	
EXPENDITURES												
	0	0	0	0	0	1,751,187	1,400,269	295,130	3,381,109	34,176,918	41,004,613	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	1,751,187	1,400,269	295,130	3,381,109	34,176,918	41,004,613	



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Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102092 S WDWTP - INJECTION WELL PUMP STATION (WE-1)														
Commission District(s) 12														
Sub-Project Budget / Estimated 127,836,792														
REVENUES														
		0	0	0	0	0	4,411,166	3,725,422	1,088,026	5,477,831	113,134,347	127,836,792	Future WASH Revenue Bonds	
TOTAL		0	0	0	0	0	4,411,166	3,725,422	1,088,026	5,477,831	113,134,347	127,836,792		
EXPENDITURES														
		0	0	0	0	0	4,411,166	3,725,422	1,088,026	5,477,831	113,134,347	127,836,792	Future WASH Revenue Bonds	
TOTAL		0	0	0	0	0	4,411,166	3,725,422	1,088,026	5,477,831	113,134,347	127,836,792		



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Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102093 S WDWTP - INJECTION WELLS (WE-2)

Commission District(s) 12

Sub-Project Budget / Estimated 151,895,010

REVENUES

0	0	0	0	0	0	0	2,130,510	4,823,990	6,625,240	138,315,270	151,895,010	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	2,130,510	4,823,990	6,625,240	138,315,270	151,895,010
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EXPENDITURES

0	0	0	0	0	0	0	2,130,510	4,823,990	6,625,240	138,315,270	151,895,010	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	2,130,510	4,823,990	6,625,240	138,315,270	151,895,010
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Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102094 S WDWTP - PEAK FLOW TREATMENT

Commission District(s) 13

Sub-Project Budget / Estimated 40,044,822

REVENUES

	0	0	0	65,386	405,344	2,417,944	967,685	1,702,681	4,925,869	29,559,913	40,044,822	Future WASD Revenue Bonds
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TOTAL	0	0	0	65,386	405,344	2,417,944	967,685	1,702,681	4,925,869	29,559,913	40,044,822	
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EXPENDITURES

	0	0	0	65,386	405,344	2,417,944	967,685	1,702,681	4,925,869	29,559,913	40,044,822	Future WASD Revenue Bonds
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TOTAL	0	0	0	65,386	405,344	2,417,944	967,685	1,702,681	4,925,869	29,559,913	40,044,822	
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Commission District(s) Systemwide

OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102096 S CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)													
Commission District(s) 7													
Sub-Project Budget / Estimated	40,900,427												
REVENUES													
	0	0	0	1,741,578	2,924,872	3,057,207	4,500,000	5,000,000	6,500,000	15,300,000	39,023,657	Future WASH Revenue Bonds	
	1,341,479	0	1,341,479	0	0	0	0	0	0	0	1,341,479	S Construction - 2013 Bonds	
	535,291	0	535,291	0	0	0	0	0	0	0	535,291	WASH Wastewater Commercial Paper - 2015	
TOTAL	1,876,770	0	1,876,770	1,741,578	2,924,872	3,057,207	4,500,000	5,000,000	6,500,000	15,300,000	40,900,427		



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Commission District(s) Systemwide

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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		0	0	0	1,741,578	2,924,872	3,057,207	4,500,000	5,000,000	6,500,000	15,300,000	39,023,657	Future WAST Revenue Bonds
	1,341,479		0	1,341,479	0	0	0	0	0	0	0	1,341,479	S Construction - 2013 Bonds
	191,598	343,693		535,291	0	0	0	0	0	0	0	535,291	WAST Wastewater Commercial Paper - 2015
TOTAL	1,533,077	343,693		1,876,770	1,741,578	2,924,872	3,057,207	4,500,000	5,000,000	6,500,000	15,300,000	40,900,427	



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102125 S WWTP - STORM SURGE PROTECTION (XS-1)														
Commission District(s) 4,7,8														
Sub-Project Budget / Estimated 129,559,478														
REVENUES														
		0	0	0	0	0	2,756,721	5,537,468	4,031,096	5,541,399	111,692,794	129,559,478	Future WASD Revenue Bonds	
TOTAL		0	0	0	0	0	2,756,721	5,537,468	4,031,096	5,541,399	111,692,794	129,559,478		
EXPENDITURES														
		0	0	0	0	0	2,756,721	5,537,468	4,031,096	5,541,399	111,692,794	129,559,478	Future WASD Revenue Bonds	
TOTAL		0	0	0	0	0	2,756,721	5,537,468	4,031,096	5,541,399	111,692,794	129,559,478		



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OSBM No. 962670

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.102138 S OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM												
Commission District(s) Countywide												
Sub-Project Budget / Estimated 257,888,028												
REVENUES												
	0	0	0	11,534,482	2,367,763	4,619,773	5,079,259	6,751,709	7,551,687	183,057,933	220,962,606	Future WSD Revenue Bonds
	14,764,294	0	14,764,294	0	0	0	0	0	0	0	14,764,294	S Construction - 2013 Bonds
	22,161,128	0	22,161,128	0	0	0	0	0	0	0	22,161,128	WASD Wastewater Commercial Paper - 2015
TOTAL	36,925,422	0	36,925,422	11,534,482	2,367,763	4,619,773	5,079,259	6,751,709	7,551,687	183,057,933	257,888,028	



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Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
	0	0	0	11,534,482	2,367,763	4,619,773	5,079,259	6,751,709	7,551,687	183,057,933	220,962,606	Future WSD Revenue Bonds
	14,764,294	0	14,764,294	0	0	0	0	0	0	0	14,764,294	S Construction - 2013 Bonds
	7,994,255	14,166,873	22,161,128	0	0	0	0	0	0	0	22,161,128	WASD Wastewater Commercial Paper - 2015
TOTAL	22,758,549	14,166,873	36,925,422	11,534,482	2,367,763	4,619,773	5,079,259	6,751,709	7,551,687	183,057,933	257,888,028	



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Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102150 S SE-2 SDWWTP BZ DEEP MUNICIPAL INJECTION WELLS														
Commission District(s) 8														
Sub-Project Budget / Estimated		20,922,139												
REVENUES														
		0	0	0	1,068,355	2,168,719	3,458,973	3,220,165	3,669,551	3,500,000	3,500,000	20,585,763	Future WSD Revenue Bonds	
	336,376	0	336,376	0	0	0	0	0	0	0	0	336,376	WSD Wastewater Commercial Paper - 2015	
TOTAL	336,376	0	336,376	1,068,355	2,168,719	3,458,973	3,220,165	3,669,551	3,500,000	3,500,000	20,922,139			
EXPENDITURES														
		0	0	0	1,068,355	2,168,719	3,458,973	3,220,165	3,669,551	3,500,000	3,500,000	20,585,763	Future WSD Revenue Bonds	
	0	336,376	336,376	0	0	0	0	0	0	0	0	336,376	WSD Wastewater Commercial Paper - 2015	
TOTAL	0	336,376	336,376	1,068,355	2,168,719	3,458,973	3,220,165	3,669,551	3,500,000	3,500,000	20,922,139			



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Commission District(s) Systemwide

OSBM No. 962670

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102151 S SE-1 SDWWTP - BZ EFFLUENT DISPOSAL PUMP STATION														
Commission District(s) 8														
Sub-Project Budget / Estimated	33,291,200													
REVENUES														
		0	0	0	1,206,808	3,964,119	5,234,667	7,485,895	8,000,000	7,000,000	0	32,891,489	Future WASD Revenue Bonds	
	399,711	0	399,711	0	0	0	0	0	0	0	0	399,711	WASD Wastewater Commercial Paper - 2015	
TOTAL	399,711	0	399,711	1,206,808	3,964,119	5,234,667	7,485,895	8,000,000	7,000,000	0	33,291,200			
EXPENDITURES														
		0	0	0	1,206,808	3,964,119	5,234,667	7,485,895	8,000,000	7,000,000	0	32,891,489	Future WASD Revenue Bonds	
	0	399,711	399,711	0	0	0	0	0	0	0	0	399,711	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	399,711	399,711	1,206,808	3,964,119	5,234,667	7,485,895	8,000,000	7,000,000	0	33,291,200			



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OSBM No. 962670

	Prior			Projections								Bond Issue		
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total	
.102203 S XR-1 REUSE PROJECTS														
Commission District(s)														
Sub-Project Budget / Estimated	95,000,000													
REVENUES														
		0	0	0	0	0	0	0	0	0	0	95,000,000	95,000,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	0	95,000,000	95,000,000	
EXPENDITURES														
		0	0	0	0	0	0	0	0	0	0	95,000,000	95,000,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	0	95,000,000	95,000,000	
.102204 S 72 INCH RECLAIMED WATER PIPELINE TO TURKEY POINT FPL														
Commission District(s)														
Sub-Project Budget / Estimated	98,000,000													
REVENUES														
		0	0	0	0	0	0	0	0	0	0	98,000,000	98,000,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	0	98,000,000	98,000,000	
EXPENDITURES														
		0	0	0	0	0	0	0	0	0	0	98,000,000	98,000,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	0	0	98,000,000	98,000,000	



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Commission District(s) Systemwide

OSBM No. 962670

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102210 S 10665 - NDWWTP - INJECTION WELLS PS UPGRADE PHASE 1 EFFLUENT DISPOSAL

Commission District(s)

Sub-Project Budget / Estimated 7,343,584

REVENUES

0	0	0	0	0	0	0	0	0	0	0	7,343,584	7,343,584	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	7,343,584	7,343,584	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	7,343,584	7,343,584	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	7,343,584	7,343,584	
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Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1041. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 222222

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
18,112,500													
REVENUES													
		8,731,300	1,662,625	10,393,925	2,252,514	2,087,157	1,676,105	1,702,800	0	0	0	18,112,501	General Obligation Bonds
TOTAL		8,731,300.0	1,662,625	10,393,925	2,252,514.0	2,087,157	1,676,105	1,702,800	0	0	0	18,112,501	
EXPENDITURES													
		8,731,300	1,662,625	10,393,925	2,252,514	2,087,157	1,676,105	1,702,800	0	0	0	18,112,501	General Obligation Bonds
TOTAL		8,731,300.0	1,662,625	10,393,925	2,252,514.0	2,087,157	1,676,105	1,702,800	0	0	0	18,112,501	



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1041. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 222222

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	
.101611 S SANITARY SEWER SYSTEM ENHANCEMENTS												
Commission District(s) COUNTYWIDE												
Sub-Project Budget / Estimated	8,635,000											
REVENUES												
	5,155,000	492,525	5,647,525	875,614	969,557	692,305	450,000	0	0	0	8,635,001	General Obligation Bonds
TOTAL	5,155,000	492,525	5,647,525	875,614	969,557	692,305	450,000	0	0	0	8,635,001	
EXPENDITURES												
	5,155,000	492,525	5,647,525	875,614	969,557	692,305	450,000	0	0	0	8,635,001	General Obligation Bonds
TOTAL	5,155,000	492,525	5,647,525	875,614	969,557	692,305	450,000	0	0	0	8,635,001	
.101612 S SANITARY SEWER NEEDS ASSESSMENT												
Commission District(s) COUNTYWIDE												
Sub-Project Budget / Estimated	3,529,000											
REVENUES												
	1,523,800	535,000	2,058,800	810,600	479,000	124,800	55,800	0	0	0	3,529,000	General Obligation Bonds
TOTAL	1,523,800	535,000	2,058,800	810,600	479,000	124,800	55,800	0	0	0	3,529,000	
EXPENDITURES												
	1,523,800	535,000	2,058,800	810,600	479,000	124,800	55,800	0	0	0	3,529,000	General Obligation Bonds
TOTAL	1,523,800	535,000	2,058,800	810,600	479,000	124,800	55,800	0	0	0	3,529,000	



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1041. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 222222

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101796 S UPGRADE OF MIAMI SPRINGS PUMP STATION AND CONTRACT SPECIFICATIONS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	838,000												
REVENUES													
	587,000	150,600	737,600	75,300	25,100	0	0	0	0	0	0	838,000	General Obligation Bonds
TOTAL	587,000	150,600	737,600	75,300	25,100	0	0	0	0	0	0	838,000	
EXPENDITURES													
	587,000	150,600	737,600	75,300	25,100	0	0	0	0	0	0	838,000	General Obligation Bonds
TOTAL	587,000	150,600	737,600	75,300	25,100	0	0	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													
	1,465,500	484,500	1,950,000	491,000	613,500	859,000	1,197,000	0	0	0	0	5,110,500	General Obligation Bonds
TOTAL	1,465,500	484,500	1,950,000	491,000	613,500	859,000	1,197,000	0	0	0	0	5,110,500	
EXPENDITURES													
	1,465,500	484,500	1,950,000	491,000	613,500	859,000	1,197,000	0	0	0	0	5,110,500	General Obligation Bonds
TOTAL	1,465,500	484,500	1,950,000	491,000	613,500	859,000	1,197,000	0	0	0	0	5,110,500	



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WASTEWATER PROJECTS

1042. WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 968750

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
34,214,200													
REVENUES													
		1,426,210	0	1,426,210	0	0	0	0	0	0	0	1,426,210	Construction - 2010 Bonds
		8,787,990	3,000,000	11,787,990	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	32,787,990	Wastewater Renewal &
TOTAL	10,214,200.0	3,000,000	13,214,200	3,000,000.0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	34,214,200	
EXPENDITURES													
		1,426,210	0	1,426,210	0	0	0	0	0	0	0	1,426,210	Construction - 2010 Bonds
		8,787,990	3,000,000	11,787,990	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	32,787,990	Wastewater Renewal &
TOTAL	10,214,200.2	3,000,000	13,214,200	3,000,000.0	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	34,214,200	



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1042. WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 968750

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101967 S WASTEWATER - PIPES AND INFRASTRUCTURE PROJECTS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	34,214,200												
REVENUES													
	1,426,210	0	1,426,210	0	0	0	0	0	0	0	0	1,426,210	Construction - 2010 Bonds
	8,787,990	3,000,000	11,787,990	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	32,787,990	Wastewater Renewal & Replacement Fund
TOTAL	10,214,200	3,000,000	13,214,200	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	34,214,200	
EXPENDITURES													
	1,426,210	0	1,426,210	0	0	0	0	0	0	0	0	1,426,210	Construction - 2010 Bonds
	8,787,990	3,000,000	11,787,990	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	32,787,990	Wastewater Renewal & Replacement Fund
TOTAL	10,214,200	3,000,000	13,214,200	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	34,214,200	



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Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
1,353,074,600													
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	112,018,315	112,609,565	114,973,819	143,615,096	139,104,453	122,083,202	393,328,757	1,137,733,207	1,137,733,207	Future WASH Revenue Bonds
	53,077,747	0	53,077,747	0	0	0	0	0	0	0	0	53,077,747	S Construction - 2013 Bonds
	85,850	0	85,850	0	0	0	0	0	0	0	0	85,850	WASH Revenue Bonds Sold
	134,151,897	0	134,151,897	0	0	0	0	0	0	0	0	134,151,897	WASH Wastewater Commercial Paper - 2015
	25,672,260	0	25,672,260	0	0	0	0	0	0	0	0	25,672,260	Wastewater Renewal &
TOTAL	215,341,393.0	0	215,341,393	112,018,315.0	112,609,565	114,973,819	143,615,096	139,104,453	122,083,202	393,328,757	1,353,074,600		
EXPENDITURES													
	2,353,639	0	2,353,639	0	0	0	0	0	0	0	0	2,353,639	Construction - 2010 Bonds
	0	0	0	112,018,315	112,609,565	114,973,819	143,615,096	139,104,453	122,083,203	393,328,757	1,137,733,208	1,137,733,208	Future WASH Revenue Bonds
	53,077,746	0	53,077,746	0	0	0	0	0	0	0	0	53,077,746	S Construction - 2013 Bonds
	85,850	0	85,850	0	0	0	0	0	0	0	0	85,850	WASH Revenue Bonds Sold
	30,802,064	103,349,833	134,151,897	0	0	0	0	0	0	0	0	134,151,897	WASH Wastewater Commercial Paper - 2015
	25,672,260	0	25,672,260	0	0	0	0	0	0	0	0	25,672,260	Wastewater Renewal &
TOTAL	111,991,558.4	103,349,833	215,341,391	112,018,315.0	112,609,565	114,973,819	143,615,096	139,104,453	122,083,203	393,328,757	1,353,074,599		



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Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
	<hr/>												
.102500 S SDWWTP - Headworks													
Commission District(s) 8													
Sub-Project Budget / Estimated	2,355,012												
REVENUES													
	0	0	0	767,076	484,738	246,651	0	0	0	0	1,498,465	Future WASH Revenue Bonds	
	45,845	0	45,845	0	0	0	0	0	0	0	45,845	S Construction - 2013 Bonds	
	810,702	0	810,702	0	0	0	0	0	0	0	810,702	WASH Wastewater Commercial Paper - 2015	
TOTAL	856,547	0	856,547	767,076	484,738	246,651	0	0	0	0	2,355,012		
EXPENDITURES													
	0	0	0	767,076	484,738	246,651	0	0	0	0	1,498,465	Future WASH Revenue Bonds	
	45,845	0	45,845	0	0	0	0	0	0	0	45,845	S Construction - 2013 Bonds	
	14,737	795,965	810,702	0	0	0	0	0	0	0	810,702	WASH Wastewater Commercial Paper - 2015	
TOTAL	60,582	795,965	856,547	767,076	484,738	246,651	0	0	0	0	2,355,012		



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Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102501 S SDWWTP - Oxygen Production													
Commission District(s) 8													
Sub-Project Budget / Estimated 14,533,511													
REVENUES													
		0	0	0	3,715,897	4,090,326	2,161,949	2,000,000	0	0	0	11,968,172	Future WAST Revenue Bonds
	1,053,883		0	1,053,883	0	0	0	0	0	0	0	1,053,883	S Construction - 2013 Bonds
	1,511,456		0	1,511,456	0	0	0	0	0	0	0	1,511,456	WAST Wastewater Commercial Paper - 2015
TOTAL	2,565,339		0	2,565,339	3,715,897	4,090,326	2,161,949	2,000,000	0	0	0	14,533,511	
EXPENDITURES													
		0	0	0	3,715,897	4,090,326	2,161,949	2,000,000	0	0	0	11,968,172	Future WAST Revenue Bonds
	1,053,883		0	1,053,883	0	0	0	0	0	0	0	1,053,883	S Construction - 2013 Bonds
	177,988	1,333,468		1,511,456	0	0	0	0	0	0	0	1,511,456	WAST Wastewater Commercial Paper - 2015
TOTAL	1,231,871	1,333,468		2,565,339	3,715,897	4,090,326	2,161,949	2,000,000	0	0	0	14,533,511	



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102502 S SDWWTP - Oxygenation Trains														
Commission District(s) 8														
Sub-Project Budget / Estimated		38,471,962												
REVENUES														
		0	0	0	3,611,119	1,494,990	2,289,288	3,205,988	4,873,710	5,753,992	16,227,967	37,457,054	Future WSD Revenue Bonds	
	1,014,908	0	1,014,908	0	0	0	0	0	0	0	0	1,014,908	WSD Wastewater Commercial Paper - 2015	
TOTAL	1,014,908	0	1,014,908	3,611,119	1,494,990	2,289,288	3,205,988	4,873,710	5,753,992	16,227,967	38,471,962			
EXPENDITURES														
		0	0	0	3,611,119	1,494,990	2,289,288	3,205,988	4,873,710	5,753,992	16,227,967	37,457,054	Future WSD Revenue Bonds	
	0	1,014,908	1,014,908	0	0	0	0	0	0	0	0	1,014,908	WSD Wastewater Commercial Paper - 2015	
TOTAL	0	1,014,908	1,014,908	3,611,119	1,494,990	2,289,288	3,205,988	4,873,710	5,753,992	16,227,967	38,471,962			



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Prior				Projections									Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
<hr/>													
.102503 S SDWWTP - Chlorine Building													
Commission District(s) 8													
Sub-Project Budget / Estimated 3,277,038													
REVENUES													
	0	0	0	69,087	148,048	413,905	2,266,661	379,337	0	0	3,277,038	Future WASD Revenue Bonds	
TOTAL	0	0	0	69,087	148,048	413,905	2,266,661	379,337	0	0	3,277,038		
EXPENDITURES													
	0	0	0	69,087	148,048	413,905	2,266,661	379,337	0	0	3,277,038	Future WASD Revenue Bonds	
TOTAL	0	0	0	69,087	148,048	413,905	2,266,661	379,337	0	0	3,277,038		



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Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.102504 S SDWWTP - Effluent Pump Station												
Commission District(s) 8												
Sub-Project Budget / Estimated	34,488,320											
REVENUES												
	0	0	0	1,480,631	2,054,373	3,543,631	5,894,887	6,790,164	5,500,000	4,499,999	29,763,685	Future WASH Revenue Bonds
	2,518,929	0	2,518,929	0	0	0	0	0	0	0	2,518,929	S Construction - 2013 Bonds
	2,205,706	0	2,205,706	0	0	0	0	0	0	0	2,205,706	WASH Wastewater Commercial Paper - 2015
TOTAL	4,724,635	0	4,724,635	1,480,631	2,054,373	3,543,631	5,894,887	6,790,164	5,500,000	4,499,999	34,488,320	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		0	0	0	1,480,631	2,054,373	3,543,631	5,894,887	6,790,164	5,500,000	4,499,999	29,763,685	Future WAST Revenue Bonds
	2,518,929		0	2,518,929	0	0	0	0	0	0	0	2,518,929	S Construction - 2013 Bonds
	527,266	1,678,440		2,205,706	0	0	0	0	0	0	0	2,205,706	WAST Wastewater Commercial Paper - 2015
TOTAL	3,046,196	1,678,440	1,678,440	4,724,636	1,480,631	2,054,373	3,543,631	5,894,887	6,790,164	5,500,000	4,499,999	34,488,321	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102505 S SDWWTP - Gravity Sludge Thickeners													
Commission District(s) 8													
Sub-Project Budget / Estimated	38,171,566												
REVENUES													
		0	0	0	2,501,735	3,443,790	5,874,406	6,263,242	6,500,000	5,500,000	7,000,000	37,083,173	Future WAST Revenue Bonds
	1,088,393		0	1,088,393	0	0	0	0	0	0	0	1,088,393	WAST Wastewater Commercial Paper - 2015
TOTAL	1,088,393	0	0	1,088,393	2,501,735	3,443,790	5,874,406	6,263,242	6,500,000	5,500,000	7,000,000	38,171,566	
EXPENDITURES													
		0	0	0	2,501,735	3,443,790	5,874,406	6,263,242	6,500,000	5,500,000	7,000,000	37,083,173	Future WAST Revenue Bonds
	0	1,088,393		1,088,393	0	0	0	0	0	0	0	1,088,393	WAST Wastewater Commercial Paper - 2015
TOTAL	0	1,088,393	0	1,088,393	2,501,735	3,443,790	5,874,406	6,263,242	6,500,000	5,500,000	7,000,000	38,171,566	



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Commission District(s)

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Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.102506 S SDWWTP - Digesters and Control Buildings												
Commission District(s) 8												
Sub-Project Budget / Estimated 103,922,893												
REVENUES												
	0	0	0	2,130,791	3,509,244	4,397,359	5,404,727	6,000,000	8,000,000	69,000,000	98,442,121	Future WASH Revenue Bonds
	2,398,679	0	2,398,679	0	0	0	0	0	0	0	2,398,679	S Construction - 2013 Bonds
	3,082,093	0	3,082,093	0	0	0	0	0	0	0	3,082,093	WASH Wastewater Commercial Paper - 2015
TOTAL	5,480,772	0	5,480,772	2,130,791	3,509,244	4,397,359	5,404,727	6,000,000	8,000,000	69,000,000	103,922,893	



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Commission District(s)

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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		0	0	0	2,130,791	3,509,244	4,397,359	5,404,727	6,000,000	8,000,000	69,000,000	98,442,121	Future WAST Revenue Bonds
	2,398,679		0	2,398,679	0	0	0	0	0	0	0	2,398,679	S Construction - 2013 Bonds
	1,717,280	1,364,813		3,082,093	0	0	0	0	0	0	0	3,082,093	WAST Wastewater Commercial Paper - 2015
TOTAL	4,115,959	1,364,813		5,480,772	2,130,791	3,509,244	4,397,359	5,404,727	6,000,000	8,000,000	69,000,000	103,922,893	



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Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.102507 S SDWWTP - Dewatering Facility												
Commission District(s) 8												
Sub-Project Budget / Estimated	40,305,999											
REVENUES												
	0	0	0	3,092,759	4,223,454	5,085,296	6,500,000	5,500,000	4,500,000	7,499,999	36,401,508	Future WASH Revenue Bonds
	1,559,211	0	1,559,211	0	0	0	0	0	0	0	1,559,211	S Construction - 2013 Bonds
	2,345,280	0	2,345,280	0	0	0	0	0	0	0	2,345,280	WASH Wastewater Commercial Paper - 2015
TOTAL	3,904,491	0	3,904,491	3,092,759	4,223,454	5,085,296	6,500,000	5,500,000	4,500,000	7,499,999	40,305,999	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		0	0	0	3,092,759	4,223,454	5,085,296	6,500,000	5,500,000	4,500,000	7,499,999	36,401,508	Future WAST Revenue Bonds
		1,559,211	0	1,559,211	0	0	0	0	0	0	0	1,559,211	S Construction - 2013 Bonds
		220,682	2,124,598	2,345,280	0	0	0	0	0	0	0	2,345,280	WASD Wastewater Commercial Paper - 2015
TOTAL		1,779,894	2,124,598	3,904,492	3,092,759	4,223,454	5,085,296	6,500,000	5,500,000	4,500,000	7,499,999	40,306,000	



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
	<hr/>													
.102508 S SDWWTP - FOG Removal Facility														
Commission District(s) 8														
Sub-Project Budget / Estimated		5,577,252												
REVENUES														
		0	0	0	2,142,442	1,000,000	0	0	0	0	0	3,142,442	Future WAST Revenue Bonds	
		800,688	0	800,688	0	0	0	0	0	0	0	800,688	S Construction - 2013 Bonds	
		1,634,122	0	1,634,122	0	0	0	0	0	0	0	1,634,122	WAST Wastewater Commercial Paper - 2015	
TOTAL		2,434,810	0	2,434,810	2,142,442	1,000,000	0	0	0	0	0	5,577,252		
EXPENDITURES														
		0	0	0	2,142,442	1,000,000	0	0	0	0	0	3,142,442	Future WAST Revenue Bonds	
		800,688	0	800,688	0	0	0	0	0	0	0	800,688	S Construction - 2013 Bonds	
		238,751	1,395,371	1,634,122	0	0	0	0	0	0	0	1,634,122	WAST Wastewater Commercial Paper - 2015	
TOTAL		1,039,438	1,395,371	2,434,809	2,142,442	1,000,000	0	0	0	0	0	5,577,251		



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102509 S SDWWTP - Odor Control													
Commission District(s) 8													
Sub-Project Budget / Estimated		15,966,700											
REVENUES													
		0	0	0	20,350	516,179	802,763	4,018,840	8,591,705	2,016,863	0	15,966,700	Future WASD Revenue Bonds
TOTAL		0	0	0	20,350	516,179	802,763	4,018,840	8,591,705	2,016,863	0	15,966,700	
EXPENDITURES													
		0	0	0	20,350	516,179	802,763	4,018,840	8,591,705	2,016,863	0	15,966,700	Future WASD Revenue Bonds
TOTAL		0	0	0	20,350	516,179	802,763	4,018,840	8,591,705	2,016,863	0	15,966,700	



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Commission District(s)

OSBM No. 964120

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102510 S SDWWTP - General Electrical														
Commission District(s) 8														
Sub-Project Budget / Estimated		14,493,493												
REVENUES														
		0	0	0	3,366,460	4,160,574	3,330,363	2,109,286	69,351	26,445	0	13,062,479	Future WASD Revenue Bonds	
	1,431,014		0	1,431,014	0	0	0	0	0	0	0	1,431,014	WASD Wastewater Commercial Paper - 2015	
TOTAL	1,431,014	0	0	1,431,014	3,366,460	4,160,574	3,330,363	2,109,286	69,351	26,445	0	14,493,493		
EXPENDITURES														
		0	0	0	3,366,460	4,160,574	3,330,363	2,109,286	69,351	26,445	0	13,062,479	Future WASD Revenue Bonds	
	0	1,431,014		1,431,014	0	0	0	0	0	0	0	1,431,014	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	1,431,014	0	1,431,014	3,366,460	4,160,574	3,330,363	2,109,286	69,351	26,445	0	14,493,493		



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102511 S SDWWTP - Chlorine Contact Chamber Structural													
Commission District(s) 8													
Sub-Project Budget / Estimated 7,405,084													
REVENUES													
		0	0	0	1,052,851	1,078,900	1,028,944	2,612,121	1,000,000	0	0	6,772,816	Future WAST Revenue Bonds
	632,268	0	632,268	0	0	0	0	0	0	0	0	632,268	WAST Wastewater Commercial Paper - 2015
TOTAL	632,268	0	632,268	1,052,851	1,078,900	1,028,944	2,612,121	1,000,000	0	0	7,405,084		
EXPENDITURES													
		0	0	0	1,052,851	1,078,900	1,028,944	2,612,121	1,000,000	0	0	6,772,816	Future WAST Revenue Bonds
	0	632,268	632,268	0	0	0	0	0	0	0	0	632,268	WAST Wastewater Commercial Paper - 2015
TOTAL	0	632,268	632,268	1,052,851	1,078,900	1,028,944	2,612,121	1,000,000	0	0	7,405,084		



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102600 S CDWWTP - Electrical Improvements													
Commission District(s) 7													
Sub-Project Budget / Estimated		22,858,406											
REVENUES													
		0	0	0	3,085,196	5,855,858	3,883,842	3,500,000	2,500,000	0	0	18,824,896	Future WAST Revenue Bonds
	4,033,510		0	4,033,510	0	0	0	0	0	0	0	4,033,510	WAST Wastewater Commercial Paper - 2015
TOTAL	4,033,510	0	0	4,033,510	3,085,196	5,855,858	3,883,842	3,500,000	2,500,000	0	0	22,858,406	
EXPENDITURES													
		0	0	0	3,085,196	5,855,858	3,883,842	3,500,000	2,500,000	0	0	18,824,896	Future WAST Revenue Bonds
	2,018,333	2,015,177		4,033,510	0	0	0	0	0	0	0	4,033,510	WAST Wastewater Commercial Paper - 2015
TOTAL	2,018,333	2,015,177	0	4,033,510	3,085,196	5,855,858	3,883,842	3,500,000	2,500,000	0	0	22,858,406	



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102601 S CDWWTP - Building improvements														
Commission District(s) 7														
Sub-Project Budget / Estimated		4,466,872												
REVENUES														
		0	0	0	653,901	536,930	528,943	334,367	230,543	15,751	0	2,300,435	Future WASD Revenue Bonds	
	227,628	0	227,628	0	0	0	0	0	0	0	0	227,628	S Construction - 2013 Bonds	
	1,938,809	0	1,938,809	0	0	0	0	0	0	0	0	1,938,809	WASD Wastewater Commercial Paper - 2015	
TOTAL	2,166,437	0	2,166,437	653,901	536,930	528,943	334,367	230,543	15,751	0	4,466,872			
EXPENDITURES														
	0	0	0	653,901	536,930	528,943	334,367	230,543	15,751	0	2,300,435	Future WASD Revenue Bonds		
	227,628	0	227,628	0	0	0	0	0	0	0	0	227,628	S Construction - 2013 Bonds	
	281,469	1,657,340	1,938,809	0	0	0	0	0	0	0	0	1,938,809	WASD Wastewater Commercial Paper - 2015	
TOTAL	509,097	1,657,340	2,166,437	653,901	536,930	528,943	334,367	230,543	15,751	0	4,466,872			



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102602 S Headworks Plant 1														
Commission District(s) 7														
Sub-Project Budget / Estimated		15,178,765												
REVENUES														
		0	0	0	3,511,896	1,000,000	0	0	0	0	0	0	4,511,896	Future WAST Revenue Bonds
		3,265,046	0	3,265,046	0	0	0	0	0	0	0	0	3,265,046	S Construction - 2013 Bonds
		7,401,823	0	7,401,823	0	0	0	0	0	0	0	0	7,401,823	WAST Wastewater Commercial Paper - 2015
TOTAL		10,666,869	0	10,666,869	3,511,896	1,000,000	0	0	0	0	0	0	15,178,765	
EXPENDITURES														
		0	0	0	3,511,896	1,000,000	0	0	0	0	0	0	4,511,896	Future WAST Revenue Bonds
		3,265,046	0	3,265,046	0	0	0	0	0	0	0	0	3,265,046	S Construction - 2013 Bonds
		1,765,632	5,636,191	7,401,823	0	0	0	0	0	0	0	0	7,401,823	WAST Wastewater Commercial Paper - 2015
TOTAL		5,030,679	5,636,191	10,666,870	3,511,896	1,000,000	0	0	0	0	0	0	15,178,766	



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102603 S CDWWTP - Headworks Plant 2														
Commission District(s) 7														
Sub-Project Budget / Estimated	9,393,134													
REVENUES														
		0	0	0	3,708,939	2,000,000	0	0	0	0	0	5,708,939	Future WASD Revenue Bonds	
	3,684,195		0	3,684,195	0	0	0	0	0	0	0	3,684,195	WASD Wastewater Commercial Paper - 2015	
TOTAL	3,684,195	0	0	3,684,195	3,708,939	2,000,000	0	0	0	0	0	9,393,134		
EXPENDITURES														
		0	0	0	3,708,939	2,000,000	0	0	0	0	0	5,708,939	Future WASD Revenue Bonds	
	0	3,684,195		3,684,195	0	0	0	0	0	0	0	3,684,195	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	3,684,195	0	3,684,195	3,708,939	2,000,000	0	0	0	0	0	9,393,134		



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102604 S CDWWTP - Oxygenation Trains Plant 1													
Commission District(s) 7													
Sub-Project Budget / Estimated 10,227,931													
REVENUES													
		0	0	0	4,710,792	2,000,000	0	0	0	0	0	6,710,792	Future WASD Revenue Bonds
	137,483		0	137,483	0	0	0	0	0	0	0	137,483	S Construction - 2013 Bonds
	3,379,656		0	3,379,656	0	0	0	0	0	0	0	3,379,656	WASD Wastewater Commercial Paper - 2015
TOTAL	3,517,139		0	3,517,139	4,710,792	2,000,000	0	0	0	0	0	10,227,931	
EXPENDITURES													
		0	0	0	4,710,792	2,000,000	0	0	0	0	0	6,710,792	Future WASD Revenue Bonds
	137,483		0	137,483	0	0	0	0	0	0	0	137,483	S Construction - 2013 Bonds
	0	3,379,656		3,379,656	0	0	0	0	0	0	0	3,379,656	WASD Wastewater Commercial Paper - 2015
TOTAL	137,483	3,379,656		3,517,139	4,710,792	2,000,000	0	0	0	0	0	10,227,931	



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Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.102605 S CDWWTP - Oxygenation Trains Plant 2												
Commission District(s) 7												
Sub-Project Budget / Estimated 30,778,307												
REVENUES												
	0	0	0	2,181,526	3,199,895	5,017,265	4,160,654	3,800,000	3,500,000	2,700,000	24,559,340	Future WSD Revenue Bonds
	4,150,692	0	4,150,692	0	0	0	0	0	0	0	4,150,692	S Construction - 2013 Bonds
	2,068,275	0	2,068,275	0	0	0	0	0	0	0	2,068,275	WASD Wastewater Commercial Paper - 2015
TOTAL	6,218,967	0	6,218,967	2,181,526	3,199,895	5,017,265	4,160,654	3,800,000	3,500,000	2,700,000	30,778,307	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		0	0	0	2,181,526	3,199,895	5,017,265	4,160,654	3,800,000	3,500,000	2,700,000	24,559,340	Future WAST Revenue Bonds
	4,150,692		0	4,150,692	0	0	0	0	0	0	0	4,150,692	S Construction - 2013 Bonds
	970,533	1,097,742		2,068,275	0	0	0	0	0	0	0	2,068,275	WAST Wastewater Commercial Paper - 2015
TOTAL	5,121,225	1,097,742		6,218,967	2,181,526	3,199,895	5,017,265	4,160,654	3,800,000	3,500,000	2,700,000	30,778,307	



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Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102606 S CDWWTP - Secondary Clarifiers Plant 1													
Commission District(s) 7													
Sub-Project Budget / Estimated	18,327,969												
REVENUES													
	0	0	0	177,312	452,236	1,123,350	2,136,477	3,392,598	4,713,374	6,332,622	18,327,969	Future WASD Revenue Bonds	
TOTAL	0	0	0	177,312	452,236	1,123,350	2,136,477	3,392,598	4,713,374	6,332,622	18,327,969		
EXPENDITURES													
	0	0	0	177,312	452,236	1,123,350	2,136,477	3,392,598	4,713,374	6,332,622	18,327,969	Future WASD Revenue Bonds	
TOTAL	0	0	0	177,312	452,236	1,123,350	2,136,477	3,392,598	4,713,374	6,332,622	18,327,969		



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102607 S CDWWTP - Secondary Clarifiers Plant 2														
Commission District(s) 7														
Sub-Project Budget / Estimated	40,148,367													
REVENUES														
		0	0	0	1,383,085	3,626,233	4,559,935	6,244,996	7,109,818	6,140,695	10,000,000	39,064,762	Future WSD Revenue Bonds	
	1,083,605	0	1,083,605	0	0	0	0	0	0	0	0	1,083,605	WSD Wastewater Commercial Paper - 2015	
TOTAL	1,083,605	0	1,083,605	1,383,085	3,626,233	4,559,935	6,244,996	7,109,818	6,140,695	10,000,000	40,148,367			
EXPENDITURES														
		0	0	0	1,383,085	3,626,233	4,559,935	6,244,996	7,109,818	6,140,695	10,000,000	39,064,762	Future WSD Revenue Bonds	
	0	1,083,605	1,083,605	0	0	0	0	0	0	0	0	1,083,605	WSD Wastewater Commercial Paper - 2015	
TOTAL	0	1,083,605	1,083,605	1,383,085	3,626,233	4,559,935	6,244,996	7,109,818	6,140,695	10,000,000	40,148,367			



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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102608 S CDWWTP - RS Pump Stations Plant 1

Commission District(s) 7

Sub-Project Budget / Estimated 13,529,746

REVENUES

0	0	0	134,720	343,605	838,642	2,312,579	3,955,599	3,462,320	2,482,281	13,529,746	Future WASD Revenue Bonds
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TOTAL	0	0	0	134,720	343,605	838,642	2,312,579	3,955,599	3,462,320	2,482,281	13,529,746
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EXPENDITURES

0	0	0	134,720	343,605	838,642	2,312,579	3,955,599	3,462,320	2,482,281	13,529,746	Future WASD Revenue Bonds
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TOTAL	0	0	0	134,720	343,605	838,642	2,312,579	3,955,599	3,462,320	2,482,281	13,529,746
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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102609 S CDWWTP - RS Pump Stations Plant 2														
Commission District(s) 7														
Sub-Project Budget / Estimated		14,696,590												
REVENUES														
		0	0	0	1,589,727	1,859,331	2,060,152	2,128,872	2,132,125	2,307,204	0	12,077,411	Future WASD Revenue Bonds	
	2,619,179	0	2,619,179	0	0	0	0	0	0	0	0	2,619,179	WASD Wastewater Commercial Paper - 2015	
TOTAL	2,619,179	0	2,619,179	1,589,727	1,859,331	2,060,152	2,128,872	2,132,125	2,307,204	0	14,696,590			
EXPENDITURES														
		0	0	0	1,589,727	1,859,331	2,060,152	2,128,872	2,132,125	2,307,204	0	12,077,411	Future WASD Revenue Bonds	
	981,473	1,637,706	2,619,179	0	0	0	0	0	0	0	0	2,619,179	WASD Wastewater Commercial Paper - 2015	
TOTAL	981,473	1,637,706	2,619,179	1,589,727	1,859,331	2,060,152	2,128,872	2,132,125	2,307,204	0	14,696,590			



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102610 S CDWWTP - Effluent Pump Station													
Commission District(s) 7													
Sub-Project Budget / Estimated	16,240,490												
REVENUES													
		0	0	0	1,396,799	5,702,217	4,420,652	2,500,000	1,500,000	0	0	15,519,668	Future WASH Revenue Bonds
	720,822		0	720,822	0	0	0	0	0	0	0	720,822	WASH Wastewater Commercial Paper - 2015
TOTAL	720,822	0	0	720,822	1,396,799	5,702,217	4,420,652	2,500,000	1,500,000	0	0	16,240,490	
EXPENDITURES													
		0	0	0	1,396,799	5,702,217	4,420,652	2,500,000	1,500,000	0	0	15,519,668	Future WASH Revenue Bonds
	0	720,822		720,822	0	0	0	0	0	0	0	720,822	WASH Wastewater Commercial Paper - 2015
TOTAL	0	720,822	0	720,822	1,396,799	5,702,217	4,420,652	2,500,000	1,500,000	0	0	16,240,490	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102611 S CDWWTP - Sludge Thickeners Plant 1													
Commission District(s) 7													
Sub-Project Budget / Estimated 29,105,228													
REVENUES													
		0	0	0	1,475,333	3,524,139	5,269,591	6,500,000	4,500,000	3,500,000	3,500,000	28,269,063	Future WSD Revenue Bonds
	836,165	0	836,165	0	0	0	0	0	0	0	0	836,165	WSD Wastewater Commercial Paper - 2015
TOTAL	836,165	0	836,165	1,475,333	3,524,139	5,269,591	6,500,000	4,500,000	3,500,000	3,500,000	3,500,000	29,105,228	
EXPENDITURES													
		0	0	0	1,475,333	3,524,139	5,269,591	6,500,000	4,500,000	3,500,000	3,500,000	28,269,063	Future WSD Revenue Bonds
	0	836,165	836,165	0	0	0	0	0	0	0	0	836,165	WSD Wastewater Commercial Paper - 2015
TOTAL	0	836,165	836,165	1,475,333	3,524,139	5,269,591	6,500,000	4,500,000	3,500,000	3,500,000	3,500,000	29,105,228	



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102612 S CDWWTP - Sludge Thickeners Plant 2														
Commission District(s) 7														
Sub-Project Budget / Estimated		30,206,147												
REVENUES														
		0	0	0	2,301,202	3,855,102	5,834,400	7,000,000	5,500,000	4,500,000	0	28,990,704	Future WASD Revenue Bonds	
	1,215,443	0	1,215,443	0	0	0	0	0	0	0	0	1,215,443	WASD Wastewater Commercial Paper - 2015	
TOTAL	1,215,443	0	1,215,443	2,301,202	3,855,102	5,834,400	7,000,000	5,500,000	4,500,000	0	30,206,147			
EXPENDITURES														
		0	0	0	2,301,202	3,855,102	5,834,400	7,000,000	5,500,000	4,500,000	0	28,990,704	Future WASD Revenue Bonds	
	0	1,215,443	1,215,443	0	0	0	0	0	0	0	0	1,215,443	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	1,215,443	1,215,443	2,301,202	3,855,102	5,834,400	7,000,000	5,500,000	4,500,000	0	30,206,147			



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
	<hr/>													
.102613 S CDWWTP - Digesters Plant 1														
Commission District(s) 7														
Sub-Project Budget / Estimated		7,878,301												
REVENUES														
		0	0	0	47,316	202,522	463,339	1,887,245	2,847,396	1,643,686	386,639	7,478,143	Future WAST Revenue Bonds	
	400,158	0	400,158	0	0	0	0	0	0	0	0	400,158	WAST Wastewater Commercial Paper - 2015	
TOTAL	400,158	0	400,158	47,316	202,522	463,339	1,887,245	2,847,396	1,643,686	386,639	7,878,301			
EXPENDITURES														
		0	0	0	47,316	202,522	463,339	1,887,245	2,847,396	1,643,686	386,639	7,478,143	Future WAST Revenue Bonds	
	0	400,158	400,158	0	0	0	0	0	0	0	0	400,158	WAST Wastewater Commercial Paper - 2015	
TOTAL	0	400,158	400,158	47,316	202,522	463,339	1,887,245	2,847,396	1,643,686	386,639	7,878,301			



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102614 S CDWWTP - Digesters Plant 2													
Commission District(s) 7													
Sub-Project Budget / Estimated	132,355,108												
REVENUES													
		0	0	0	5,870,951	2,825,506	3,446,826	5,493,842	6,089,916	7,500,000	88,500,000	119,727,041	Future WASH Revenue Bonds
	3,373,914		0	3,373,914	0	0	0	0	0	0	0	3,373,914	S Construction - 2013 Bonds
	5,420,644		0	5,420,644	0	0	0	0	0	0	0	5,420,644	WASH Wastewater Commercial Paper - 2015
	3,833,509		0	3,833,509	0	0	0	0	0	0	0	3,833,509	Wastewater Renewal & Replacement Fund
TOTAL	12,628,067	0	0	12,628,067	5,870,951	2,825,506	3,446,826	5,493,842	6,089,916	7,500,000	88,500,000	132,355,108	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		0	0	0	5,870,951	2,825,506	3,446,826	5,493,842	6,089,916	7,500,000	88,500,000	119,727,041	Future WSD Revenue Bonds
	3,373,914		0	3,373,914	0	0	0	0	0	0	0	3,373,914	S Construction - 2013 Bonds
	720,963	4,699,681		5,420,644	0	0	0	0	0	0	0	5,420,644	WASD Wastewater Commercial Paper - 2015
	3,833,509		0	3,833,509	0	0	0	0	0	0	0	3,833,509	Wastewater Renewal & Replacement Fund
TOTAL	7,928,386	4,699,681		12,628,067	5,870,951	2,825,506	3,446,826	5,493,842	6,089,916	7,500,000	88,500,000	132,355,108	



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Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.102615 S CDWWTP - Dewatering Building												
Commission District(s) 7												
Sub-Project Budget / Estimated	45,284,982											
REVENUES												
	0	0	0	3,636,829	3,258,199	5,610,577	6,567,739	6,500,000	6,500,000	10,000,000	42,073,344	Future WASH Revenue Bonds
	1,484,576	0	1,484,576	0	0	0	0	0	0	0	1,484,576	S Construction - 2013 Bonds
	1,727,062	0	1,727,062	0	0	0	0	0	0	0	1,727,062	WASH Wastewater Commercial Paper - 2015
TOTAL	3,211,638	0	3,211,638	3,636,829	3,258,199	5,610,577	6,567,739	6,500,000	6,500,000	10,000,000	45,284,982	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		0	0	0	3,636,829	3,258,199	5,610,577	6,567,739	6,500,000	6,500,000	10,000,000	42,073,344	Future WAST Revenue Bonds
	1,484,576		0	1,484,576	0	0	0	0	0	0	0	1,484,576	S Construction - 2013 Bonds
	203,717	1,523,345		1,727,062	0	0	0	0	0	0	0	1,727,062	WAST Wastewater Commercial Paper - 2015
TOTAL	1,688,293	1,523,345		3,211,638	3,636,829	3,258,199	5,610,577	6,567,739	6,500,000	6,500,000	10,000,000	45,284,982	



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
	.102616 S CDWWTP - Chlorination Facilities													
Commission District(s) 7														
Sub-Project Budget / Estimated	21,768,229													
REVENUES														
		0	0	0	4,566,939	2,000,000	0	0	0	0	0	6,566,939	Future WAST Revenue Bonds	
	2,165,850		0	2,165,850	0	0	0	0	0	0	0	2,165,850	S Construction - 2013 Bonds	
	13,035,440		0	13,035,440	0	0	0	0	0	0	0	13,035,440	WAST Wastewater Commercial Paper - 2015	
TOTAL	15,201,290	0	0	15,201,290	4,566,939	2,000,000	0	0	0	0	0	21,768,229		
EXPENDITURES														
		0	0	0	4,566,939	2,000,000	0	0	0	0	0	6,566,939	Future WAST Revenue Bonds	
	2,165,850		0	2,165,850	0	0	0	0	0	0	0	2,165,850	S Construction - 2013 Bonds	
	3,004,485	10,030,955		13,035,440	0	0	0	0	0	0	0	13,035,440	WAST Wastewater Commercial Paper - 2015	
TOTAL	5,170,334	10,030,955	0	15,201,289	4,566,939	2,000,000	0	0	0	0	0	21,768,228		



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102617 S CDWWTP - Odor Control Systems													
Commission District(s) 7													
Sub-Project Budget / Estimated 13,400,181													
REVENUES													
		0	0	0	4,122,942	6,362,291	1,595,075	103,930	0	0	0	12,184,238	Future WAST Revenue Bonds
	1,215,943		0	1,215,943	0	0	0	0	0	0	0	1,215,943	WAST Wastewater Commercial Paper - 2015
TOTAL	1,215,943	0	0	1,215,943	4,122,942	6,362,291	1,595,075	103,930	0	0	0	13,400,181	
EXPENDITURES													
		0	0	0	4,122,942	6,362,291	1,595,075	103,930	0	0	0	12,184,238	Future WAST Revenue Bonds
	0	1,215,943		1,215,943	0	0	0	0	0	0	0	1,215,943	WAST Wastewater Commercial Paper - 2015
TOTAL	0	1,215,943	0	1,215,943	4,122,942	6,362,291	1,595,075	103,930	0	0	0	13,400,181	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102618 S CDWWTP - Co-Gen Facility													
Commission District(s) 7													
Sub-Project Budget / Estimated	45,687,314												
REVENUES													
		0	0	0	4,422,132	2,042,212	3,500,000	4,500,000	3,500,000	2,500,002	15,000,000	35,464,346	Future WASH Revenue Bonds
	4,939	0	4,939	0	0	0	0	0	0	0	0	4,939	S Construction - 2013 Bonds
	4,847,477	0	4,847,477	0	0	0	0	0	0	0	0	4,847,477	WASH Wastewater Commercial Paper - 2015
	5,370,552	0	5,370,552	0	0	0	0	0	0	0	0	5,370,552	Wastewater Renewal & Replacement Fund
TOTAL	10,222,968	0	10,222,968	4,422,132	2,042,212	3,500,000	4,500,000	3,500,000	2,500,002	15,000,000	45,687,314		



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	Prior			Projections								Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future			
EXPENDITURES														
		0	0	0	4,422,132	2,042,212	3,500,000	4,500,000	3,500,000	2,500,002	15,000,000	35,464,346	Future WSD Revenue Bonds	
	4,939		0	4,939	0	0	0	0	0	0	0	4,939	S Construction - 2013 Bonds	
	1,286,714	3,560,763		4,847,477	0	0	0	0	0	0	0	4,847,477	WASD Wastewater Commercial Paper - 2015	
	5,370,552		0	5,370,552	0	0	0	0	0	0	0	5,370,552	Wastewater Renewal & Replacement Fund	
TOTAL	6,662,204	3,560,763		10,222,967	4,422,132	2,042,212	3,500,000	4,500,000	3,500,000	2,500,002	15,000,000	45,687,313		



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102620 S CDWWTP - Pump Station 1													
Commission District(s) 7													
Sub-Project Budget / Estimated 14,312,893													
REVENUES													
		0	0	0	953,995	5,222,976	4,326,621	2,000,000	0	0	0	12,503,592	Future WAST Revenue Bonds
	349,540		0	349,540	0	0	0	0	0	0	0	349,540	S Construction - 2013 Bonds
	1,459,761		0	1,459,761	0	0	0	0	0	0	0	1,459,761	WAST Wastewater Commercial Paper - 2015
TOTAL	1,809,301		0	1,809,301	953,995	5,222,976	4,326,621	2,000,000	0	0	0	14,312,893	
EXPENDITURES													
		0	0	0	953,995	5,222,976	4,326,621	2,000,000	0	0	0	12,503,592	Future WAST Revenue Bonds
	349,540		0	349,540	0	0	0	0	0	0	0	349,540	S Construction - 2013 Bonds
	302,962	1,156,799		1,459,761	0	0	0	0	0	0	0	1,459,761	WAST Wastewater Commercial Paper - 2015
TOTAL	652,503	1,156,799		1,809,302	953,995	5,222,976	4,326,621	2,000,000	0	0	0	14,312,894	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102621 S CDWWTP - Pump Station 2													
Commission District(s) 7													
Sub-Project Budget / Estimated	9,289,282												
REVENUES													
	0	0	0	2,946,742	0	0	0	0	0	0	0	2,946,742	Future WASH Revenue Bonds
	558,888	0	558,888	0	0	0	0	0	0	0	0	558,888	S Construction - 2013 Bonds
	5,783,652	0	5,783,652	0	0	0	0	0	0	0	0	5,783,652	WASH Wastewater Commercial Paper - 2015
TOTAL	6,342,540	0	6,342,540	2,946,742	0	0	0	0	0	0	0	9,289,282	
EXPENDITURES													
	0	0	0	2,946,742	0	0	0	0	0	0	0	2,946,742	Future WASH Revenue Bonds
	558,888	0	558,888	0	0	0	0	0	0	0	0	558,888	S Construction - 2013 Bonds
	405,845	5,377,807	5,783,652	0	0	0	0	0	0	0	0	5,783,652	WASH Wastewater Commercial Paper - 2015
TOTAL	964,732	5,377,807	6,342,539	2,946,742	0	0	0	0	0	0	0	9,289,281	



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Prior				Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.102622 S CDWWTP - O2 Plant Process Controls Phase 2

Commission District(s) 7

Sub-Project Budget / Estimated 1,116,694

REVENUES

	302,504	0	302,504	0	0	0	0	0	0	0	0	302,504	S Construction - 2013 Bonds
	814,190	0	814,190	0	0	0	0	0	0	0	0	814,190	WASD Wastewater Commercial Paper - 2015
TOTAL	1,116,694	0	1,116,694	0	0	0	0	0	0	0	0	1,116,694	

EXPENDITURES

	302,504	0	302,504	0	0	0	0	0	0	0	0	302,504	S Construction - 2013 Bonds
	299,618	514,572	814,190	0	0	0	0	0	0	0	0	814,190	WASD Wastewater Commercial Paper - 2015
TOTAL	602,122	514,572	1,116,694	0	0	0	0	0	0	0	0	1,116,694	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102623 S CDWWTP - Gas Monitoring													
Commission District(s) 7													
Sub-Project Budget / Estimated	1,116,261												
REVENUES													
	0	0	0	53,026	0	0	0	0	0	0	0	53,026	Future WASH Revenue Bonds
	179,345	0	179,345	0	0	0	0	0	0	0	0	179,345	S Construction - 2013 Bonds
	883,890	0	883,890	0	0	0	0	0	0	0	0	883,890	WASH Wastewater Commercial Paper - 2015
TOTAL	1,063,235	0	1,063,235	53,026	0	0	0	0	0	0	0	1,116,261	
EXPENDITURES													
	0	0	0	53,026	0	0	0	0	0	0	0	53,026	Future WASH Revenue Bonds
	179,345	0	179,345	0	0	0	0	0	0	0	0	179,345	S Construction - 2013 Bonds
	31,122	852,768	883,890	0	0	0	0	0	0	0	0	883,890	WASH Wastewater Commercial Paper - 2015
TOTAL	210,467	852,768	1,063,235	53,026	0	0	0	0	0	0	0	1,116,261	



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
	<hr/>													
.102624 S CDWWTP -Ventilation Improvements														
Commission District(s) 7														
Sub-Project Budget / Estimated		9,495,600												
REVENUES														
		0	0	0	1,010,318	1,377,377	1,735,823	1,657,940	1,228,237	917,864	866,659	8,794,218	Future WAST Revenue Bonds	
	701,382	0	701,382	0	0	0	0	0	0	0	0	701,382	WAST Wastewater Commercial Paper - 2015	
TOTAL	701,382	0	701,382	1,010,318	1,377,377	1,735,823	1,657,940	1,228,237	917,864	866,659	8,794,219	9,495,600		
EXPENDITURES														
		0	0	0	1,010,318	1,377,377	1,735,823	1,657,940	1,228,237	917,865	866,659	8,794,219	Future WAST Revenue Bonds	
	0	701,382	701,382	0	0	0	0	0	0	0	0	701,382	WAST Wastewater Commercial Paper - 2015	
TOTAL	0	701,382	701,382	1,010,318	1,377,377	1,735,823	1,657,940	1,228,237	917,865	866,659	8,794,219	9,495,601		



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102626 S CDWWTP - Oxygen Production													
Commission District(s) 7													
Sub-Project Budget / Estimated	37,507,723												
REVENUES													
		0	0	0	3,591,728	2,005,034	3,549,109	4,500,000	5,100,001	6,000,001	10,000,000	34,745,873	Future WSD Revenue Bonds
	742,553	0	0	742,553	0	0	0	0	0	0	0	742,553	S Construction - 2013 Bonds
	2,019,297	0	0	2,019,297	0	0	0	0	0	0	0	2,019,297	WSD Wastewater Commercial Paper - 2015
TOTAL	2,761,850	0	0	2,761,850	3,591,728	2,005,034	3,549,109	4,500,000	5,100,001	6,000,001	10,000,000	37,507,723	



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OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		0	0	0	3,591,728	2,005,034	3,549,109	4,500,000	5,100,001	6,000,001	10,000,000	34,745,873	Future WAST Revenue Bonds
	742,553		0	742,553	0	0	0	0	0	0	0	742,553	S Construction - 2013 Bonds
	8,504	2,010,793		2,019,297	0	0	0	0	0	0	0	2,019,297	WAST Wastewater Commercial Paper - 2015
TOTAL	751,056	2,010,793		2,761,849	3,591,728	2,005,034	3,549,109	4,500,000	5,100,001	6,000,001	10,000,000	37,507,722	



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Commission District(s)

OSBM No. 964120

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
.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 145,222,012														
REVENUES														
	0	0	0	12,597,218	9,025,615	9,832,711	9,967,316	9,929,763	9,857,611	42,000,000	103,210,234	Future WASH Revenue Bonds		
	19,031,425	0	19,031,425	0	0	0	0	0	0	0	19,031,425	S Construction - 2013 Bonds		
	22,980,353	0	22,980,353	0	0	0	0	0	0	0	22,980,353	WASH Wastewater Commercial Paper - 2015		
TOTAL	42,011,778	0	42,011,778	12,597,218	9,025,615	9,832,711	9,967,316	9,929,763	9,857,611	42,000,000	145,222,012			



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OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		0	0	0	12,597,218	9,025,615	9,832,711	9,967,316	9,929,763	9,857,611	42,000,000	103,210,234	Future WSD Revenue Bonds
	19,031,425		0	19,031,425	0	0	0	0	0	0	0	19,031,425	S Construction - 2013 Bonds
	7,620,998	15,359,355		22,980,353	0	0	0	0	0	0	0	22,980,353	WSD Wastewater Commercial Paper - 2015
TOTAL	26,652,423	15,359,355		42,011,778	12,597,218	9,025,615	9,832,711	9,967,316	9,929,763	9,857,611	42,000,000	145,222,012	



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Commission District(s)

OSBM No. 964120

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102700 S NDWWTP - Headworks and Sludge Degritting Transfer													
Commission District(s) 4													
Sub-Project Budget / Estimated	34,831,759												
REVENUES													
	0	0	0	6,793,004	4,000,000	0	0	0	0	0	0	10,793,004	Future WASD Revenue Bonds
	2,557,185	0	2,557,185	0	0	0	0	0	0	0	0	2,557,185	S Construction - 2013 Bonds
	15,908,654	0	15,908,654	0	0	0	0	0	0	0	0	15,908,654	WASD Wastewater Commercial Paper - 2015
	5,572,916	0	5,572,916	0	0	0	0	0	0	0	0	5,572,916	Wastewater Renewal & Replacement Fund
TOTAL	24,038,755	0	24,038,755	6,793,004	4,000,000	0	0	0	0	0	0	34,831,759	
EXPENDITURES													
	0	0	0	6,793,004	4,000,000	0	0	0	0	0	0	10,793,004	Future WASD Revenue Bonds
	2,557,185	0	2,557,185	0	0	0	0	0	0	0	0	2,557,185	S Construction - 2013 Bonds
	5,905,940	10,002,714	15,908,654	0	0	0	0	0	0	0	0	15,908,654	WASD Wastewater Commercial Paper - 2015
	5,572,916	0	5,572,916	0	0	0	0	0	0	0	0	5,572,916	Wastewater Renewal & Replacement Fund
TOTAL	14,036,040	10,002,714	24,038,754	6,793,004	4,000,000	0	0	0	0	0	0	34,831,758	



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Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.102701 S NDWWTP - Primary Clarifiers and Odor Control												
Commission District(s) 4												
Sub-Project Budget / Estimated 67,883,926												
REVENUES												
	0	0	0	3,320,187	2,538,692	3,284,011	4,384,727	5,500,000	6,000,000	38,200,002	63,227,619	Future WASH Revenue Bonds
	926,759	0	926,759	0	0	0	0	0	0	0	926,759	S Construction - 2013 Bonds
	3,729,548	0	3,729,548	0	0	0	0	0	0	0	3,729,548	WASH Wastewater Commercial Paper - 2015
TOTAL	4,656,307	0	4,656,307	3,320,187	2,538,692	3,284,011	4,384,727	5,500,000	6,000,000	38,200,002	67,883,926	



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Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
EXPENDITURES													
	0	0	0	3,320,187	2,538,692	3,284,011	4,384,727	5,500,000	6,000,000	38,200,002	63,227,619	Future WAST Revenue Bonds	
	926,759	0	926,759	0	0	0	0	0	0	0	926,759	S Construction - 2013 Bonds	
	1,527,497	2,202,051	3,729,548	0	0	0	0	0	0	0	3,729,548	WAST Wastewater Commercial Paper - 2015	
TOTAL	2,454,255	2,202,051	4,656,306	3,320,187	2,538,692	3,284,011	4,384,727	5,500,000	6,000,000	38,200,002	67,883,925		



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Commission District(s)

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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102702 S NDWWTP - Oxygenation Trains														
Commission District(s) 4														
Sub-Project Budget / Estimated		65,451,788												
REVENUES														
		0	0	0	0	733,140	2,162,509	3,863,194	5,069,946	7,935,659	45,687,340	65,451,788	Future WASD Revenue Bonds	
TOTAL		0	0	0	0	733,140	2,162,509	3,863,194	5,069,946	7,935,659	45,687,340	65,451,788		
EXPENDITURES														
		0	0	0	0	733,140	2,162,509	3,863,194	5,069,946	7,935,659	45,687,340	65,451,788	Future WASD Revenue Bonds	
TOTAL		0	0	0	0	733,140	2,162,509	3,863,194	5,069,946	7,935,659	45,687,340	65,451,788		



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102703 S NDWWTP - Oxygen Production													
Commission District(s) 4													
Sub-Project Budget / Estimated		18,731,000											
REVENUES													
		0	0	0	471,418	643,221	931,593	8,901,881	5,942,344	1,795,843	0	18,686,300	Future WASD Revenue Bonds
	44,700	0	44,700	0	0	0	0	0	0	0	0	44,700	WASD Wastewater Commercial Paper - 2015
TOTAL	44,700	0	44,700	471,418	643,221	931,593	8,901,881	5,942,344	1,795,843	0	18,731,000		
EXPENDITURES													
		0	0	0	471,418	643,221	931,593	8,901,881	5,942,344	1,795,843	0	18,686,300	Future WASD Revenue Bonds
	0	44,700	44,700	0	0	0	0	0	0	0	0	44,700	WASD Wastewater Commercial Paper - 2015
TOTAL	0	44,700	44,700	471,418	643,221	931,593	8,901,881	5,942,344	1,795,843	0	18,731,000		



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102704 S NDWWTP - Secondary Clarifiers													
Commission District(s) 4													
Sub-Project Budget / Estimated	54,303,031												
REVENUES													
		0	0	0	1,226,010	3,064,488	4,024,636	6,797,782	7,397,313	6,293,745	9,445,247	38,249,221	Future WASH Revenue Bonds
	5,158,527		0	5,158,527	0	0	0	0	0	0	0	5,158,527	WASH Wastewater Commercial Paper - 2015
	10,895,283		0	10,895,283	0	0	0	0	0	0	0	10,895,283	Wastewater Renewal & Replacement Fund
TOTAL	16,053,810	0	0	16,053,810	1,226,010	3,064,488	4,024,636	6,797,782	7,397,313	6,293,745	9,445,247	54,303,031	



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	Prior			Projections									Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
EXPENDITURES													
		0	0	0	1,226,010	3,064,488	4,024,636	6,797,782	7,397,313	6,293,745	9,445,247	38,249,221	Future WAST Revenue Bonds
		0	5,158,527	5,158,527	0	0	0	0	0	0	0	5,158,527	WAST Wastewater Commercial Paper - 2015
		10,895,283	0	10,895,283	0	0	0	0	0	0	0	10,895,283	Wastewater Renewal & Replacement Fund
TOTAL		10,895,283	5,158,527	16,053,810	1,226,010	3,064,488	4,024,636	6,797,782	7,397,313	6,293,745	9,445,247	54,303,031	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102705 S NDWWTP - Disinfection													
Commission District(s) 4													
Sub-Project Budget / Estimated		36,771,744											
REVENUES													
		2,353,639	0	2,353,639	0	0	0	0	0	0	0	2,353,639	Construction - 2010 Bonds
		0	0	0	3,326,238	4,052,969	5,529,766	5,000,000	5,000,000	5,000,000	4,000,002	31,908,975	Future WASD Revenue Bonds
		543,665	0	543,665	0	0	0	0	0	0	0	543,665	S Construction - 2013 Bonds
		85,850	0	85,850	0	0	0	0	0	0	0	85,850	WASD Revenue Bonds Sold
		1,879,615	0	1,879,615	0	0	0	0	0	0	0	1,879,615	WASD Wastewater Commercial Paper - 2015
TOTAL		4,862,769	0	4,862,769	3,326,238	4,052,969	5,529,766	5,000,000	5,000,000	5,000,000	4,000,002	36,771,744	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	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	3,326,238	4,052,969	5,529,766	5,000,000	5,000,000	5,000,000	4,000,002	31,908,975	Future WASD Revenue Bonds
		543,665	0	543,665	0	0	0	0	0	0	0	543,665	S Construction - 2013 Bonds
		85,850	0	85,850	0	0	0	0	0	0	0	85,850	WASD Revenue Bonds Sold
		476,947	1,402,668	1,879,615	0	0	0	0	0	0	0	1,879,615	WASD Wastewater Commercial Paper - 2015
TOTAL		3,460,100	1,402,668	4,862,768	3,326,238	4,052,969	5,529,766	5,000,000	5,000,000	5,000,000	4,000,002	36,771,743	



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102706 S NDWWTP - Effluent Disposal														
Commission District(s) 4														
Sub-Project Budget / Estimated		8,745,299												
REVENUES														
		0	0	0	1,523,541	1,580,004	943,580	0	0	0	0	4,047,125	Future WASH Revenue Bonds	
	4,057,539	0	4,057,539	0	0	0	0	0	0	0	0	4,057,539	S Construction - 2013 Bonds	
	640,635	0	640,635	0	0	0	0	0	0	0	0	640,635	WASH Wastewater Commercial Paper - 2015	
TOTAL	4,698,174	0	4,698,174	1,523,541	1,580,004	943,580	0	0	0	0	0	8,745,299		
EXPENDITURES														
		0	0	0	1,523,541	1,580,004	943,580	0	0	0	0	4,047,125	Future WASH Revenue Bonds	
	4,057,539	0	4,057,539	0	0	0	0	0	0	0	0	4,057,539	S Construction - 2013 Bonds	
	67,352	573,283	640,635	0	0	0	0	0	0	0	0	640,635	WASH Wastewater Commercial Paper - 2015	
TOTAL	4,124,891	573,283	4,698,174	1,523,541	1,580,004	943,580	0	0	0	0	0	8,745,299		



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Commission District(s)

OSBM No. 964120

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102707 S NDWWTP - Plant Wide Electrical														
Commission District(s) 4														
Sub-Project Budget / Estimated		7,128,454												
REVENUES														
		0	0	0	1,276,155	1,515,157	1,326,316	895,803	674,587	702,147	0	6,390,165	Future WASD Revenue Bonds	
	738,289	0	738,289	0	0	0	0	0	0	0	0	738,289	WASD Wastewater Commercial Paper - 2015	
TOTAL	738,289	0	738,289	1,276,155	1,515,157	1,326,316	895,803	674,587	702,147	0	7,128,454			
EXPENDITURES														
		0	0	0	1,276,155	1,515,157	1,326,316	895,803	674,587	702,147	0	6,390,165	Future WASD Revenue Bonds	
	0	738,289	738,289	0	0	0	0	0	0	0	0	738,289	WASD Wastewater Commercial Paper - 2015	
TOTAL	0	738,289	738,289	1,276,155	1,515,157	1,326,316	895,803	674,587	702,147	0	7,128,454			



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OSBM No. 964120

Prior				Projections									Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		

.102708 S NDWWTP - Flood Mitigation

Commission District(s) 4

Sub-Project Budget / Estimated 666,237

REVENUES

	640,981	0	640,981	0	0	0	0	0	0	0	0	640,981	S Construction - 2013 Bonds
	25,256	0	25,256	0	0	0	0	0	0	0	0	25,256	WASD Wastewater Commercial Paper - 2015
TOTAL	666,237	0	666,237	0	0	0	0	0	0	0	0	666,237	

EXPENDITURES

	640,981	0	640,981	0	0	0	0	0	0	0	0	640,981	S Construction - 2013 Bonds
	25,256	0	25,256	0	0	0	0	0	0	0	0	25,256	WASD Wastewater Commercial Paper - 2015
TOTAL	666,237	0	666,237	0	0	0	0	0	0	0	0	666,237	



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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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
REVENUES	363,090,534													
		6,589	0	6,589	0	0	0	0	0	0	0	6,589	Construction - 2010 Bonds	
		0	0	0	21,299,239	13,135,289	12,791,654	13,605,175	15,101,325	14,600,000	76,287,414	166,820,096	Future WAST Revenue Bonds	
		8,985,047	22,172,261	31,157,308	0	0	0	0	0	0	0	31,157,308	Plant Expansion Fund - Wastewater	
		82,609,887	0	82,609,887	0	0	0	0	0	0	0	82,609,887	S Construction - 2013 Bonds	
		77,148,498	0	77,148,498	0	0	0	0	0	0	0	77,148,498	WAST Wastewater Commercial Paper - 2015	
		5,348,156	0	5,348,156	0	0	0	0	0	0	0	5,348,156	Wastewater Renewal &	
TOTAL		174,098,177.0	22,172,261	196,270,438	21,299,239.0	13,135,289	12,791,654	13,605,175	15,101,325	14,600,000	76,287,414	363,090,534		
EXPENDITURES														
		6,589	0	6,589	0	0	0	0	0	0	0	6,589	Construction - 2010 Bonds	
		0	0	0	21,299,239	13,135,289	12,791,654	13,605,175	15,101,325	14,600,000	76,287,414	166,820,096	Future WAST Revenue Bonds	
		8,985,047	22,172,261	31,157,308	0	0	0	0	0	0	0	31,157,308	Plant Expansion Fund - Wastewater	
		82,609,888	0	82,609,888	0	0	0	0	0	0	0	82,609,888	S Construction - 2013 Bonds	
		15,957,371	61,191,127	77,148,498	0	0	0	0	0	0	0	77,148,498	WAST Wastewater Commercial Paper - 2015	
		5,348,156	0	5,348,156	0	0	0	0	0	0	0	5,348,156	Wastewater Renewal &	
TOTAL		112,907,051.0	83,363,388	196,270,439	21,299,239.0	13,135,289	12,791,654	13,605,175	15,101,325	14,600,000	76,287,414	363,090,535		



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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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102800 S Collection System I/I Repairs													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 131,322,707													
REVENUES													
	0	0	0	8,783,770	6,052,778	6,100,000	6,100,000	6,100,000	6,100,000	6,100,000	51,287,414	90,523,962	Future WASH Revenue Bonds
	9,040,222	0	9,040,222	0	0	0	0	0	0	0	0	9,040,222	S Construction - 2013 Bonds
	31,758,523	0	31,758,523	0	0	0	0	0	0	0	0	31,758,523	WASH Wastewater Commercial Paper - 2015
TOTAL	40,798,745	0	40,798,745	8,783,770	6,052,778	6,100,000	6,100,000	6,100,000	6,100,000	6,100,000	51,287,414	131,322,707	



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Commission District(s)

OSBM No. 968150

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		0	0	0	8,783,770	6,052,778	6,100,000	6,100,000	6,100,000	6,100,000	51,287,414	90,523,962	Future WAST Revenue Bonds
		9,040,222	0	9,040,222	0	0	0	0	0	0	0	9,040,222	S Construction - 2013 Bonds
		6,790,873	24,967,650	31,758,523	0	0	0	0	0	0	0	31,758,523	WAST Wastewater Commercial Paper - 2015
TOTAL		15,831,096	24,967,650	40,798,746	8,783,770	6,052,778	6,100,000	6,100,000	6,100,000	6,100,000	51,287,414	131,322,708	



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Commission District(s)

OSBM No. 968150

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102802 S Government Cut FM - Phase 3														
Commission District(s) 5														
Sub-Project Budget / Estimated		90,586,626												
REVENUES														
	8,985,047	22,172,261	31,157,308	0	0	0	0	0	0	0	0	31,157,308	Plant Expansion Fund - Wastewater	
	54,928,925	0	54,928,925	0	0	0	0	0	0	0	0	54,928,925	S Construction - 2013 Bonds	
	4,500,393	0	4,500,393	0	0	0	0	0	0	0	0	4,500,393	WASD Wastewater Commercial Paper - 2015	
TOTAL	68,414,365	22,172,261	90,586,626	0	0	0	0	0	0	0	0	90,586,626		
EXPENDITURES														
	8,985,047	22,172,261	31,157,308	0	0	0	0	0	0	0	0	31,157,308	Plant Expansion Fund - Wastewater	
	54,928,925	0	54,928,925	0	0	0	0	0	0	0	0	54,928,925	S Construction - 2013 Bonds	
	4,500,393	0	4,500,393	0	0	0	0	0	0	0	0	4,500,393	WASD Wastewater Commercial Paper - 2015	
TOTAL	68,414,365	22,172,261	90,586,626	0	0	0	0	0	0	0	0	90,586,626		



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Commission District(s)

OSBM No. 968150

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
.102803 S North Dade 72 inch PCCP FM Rehabilitation													
Commission District(s) 7													
Sub-Project Budget / Estimated 21,987,127													
REVENUES													
		14,712,034	0	14,712,034	0	0	0	0	0	0	0	14,712,034	S Construction - 2013 Bonds
		6,594,373	0	6,594,373	0	0	0	0	0	0	0	6,594,373	WASD Wastewater Commercial Paper - 2015
		680,720	0	680,720	0	0	0	0	0	0	0	680,720	Wastewater Renewal & Replacement Fund
TOTAL		21,987,127	0	21,987,127	0	0	0	0	0	0	0	21,987,127	
EXPENDITURES													
		14,712,034	0	14,712,034	0	0	0	0	0	0	0	14,712,034	S Construction - 2013 Bonds
		2,600,428	3,993,945	6,594,373	0	0	0	0	0	0	0	6,594,373	WASD Wastewater Commercial Paper - 2015
		680,720	0	680,720	0	0	0	0	0	0	0	680,720	Wastewater Renewal & Replacement Fund
TOTAL		17,993,182	3,993,945	21,987,127	0	0	0	0	0	0	0	21,987,127	



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Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102804 S South Dade 54 inch PCCP FM Rehabilitation													
Commission District(s) 7													
Sub-Project Budget / Estimated 51,107,789													
REVENUES													
	0	0	0	3,744,029	2,500,000	3,500,000	4,500,000	6,000,000	7,500,000	19,000,000	46,744,029	Future WASH Revenue Bonds	
	1,920,051	0	1,920,051	0	0	0	0	0	0	0	1,920,051	S Construction - 2013 Bonds	
	2,443,709	0	2,443,709	0	0	0	0	0	0	0	2,443,709	WASH Wastewater Commercial Paper - 2015	
TOTAL	4,363,760	0	4,363,760	3,744,029	2,500,000	3,500,000	4,500,000	6,000,000	7,500,000	19,000,000	51,107,789		



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Commission District(s)

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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
EXPENDITURES														
		0	0	0	3,744,029	2,500,000	3,500,000	4,500,000	6,000,000	7,500,000	19,000,000	46,744,029	Future WAST Revenue Bonds	
		1,920,051	0	1,920,051	0	0	0	0	0	0	0	1,920,051	S Construction - 2013 Bonds	
		332,655	2,111,054	2,443,709	0	0	0	0	0	0	0	2,443,709	WAST Wastewater Commercial Paper - 2015	
TOTAL		2,252,706	2,111,054	4,363,760	3,744,029	2,500,000	3,500,000	4,500,000	6,000,000	7,500,000	19,000,000	51,107,789		



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OSBM No. 968150

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
.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	



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	Prior			Projections							Bond Issue		
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023		Future	Total
.102806 S Replacement of 18 inch DIP FM in Miami Lakes													
Commission District(s) 13													
Sub-Project Budget / Estimated		893,137											
REVENUES													
		893,137	0	893,137	0	0	0	0	0	0	0	893,137	Wastewater Renewal & Replacement Fund
TOTAL		893,137	0	893,137	0	0	0	0	0	0	0	893,137	
EXPENDITURES													
		893,137	0	893,137	0	0	0	0	0	0	0	893,137	Wastewater Renewal & Replacement Fund
TOTAL		893,137	0	893,137	0	0	0	0	0	0	0	893,137	



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Commission District(s)

OSBM No. 968150

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
.102807 S Rehabilitation of 54 inch PCCP FM in the City of Miami													
Commission District(s) 7													
Sub-Project Budget / Estimated	9,925,440												
REVENUES													
	0	0	0	7,930	7,930	7,952	5,175	1,325	0	0	30,312	Future WASD Revenue Bonds	
	314,529	0	314,529	0	0	0	0	0	0	0	314,529	S Construction - 2013 Bonds	
	9,580,599	0	9,580,599	0	0	0	0	0	0	0	9,580,599	WASD Wastewater Commercial Paper - 2015	
TOTAL	9,895,128	0	9,895,128	7,930	7,930	7,952	5,175	1,325	0	0	9,925,440		
EXPENDITURES													
	0	0	0	7,930	7,930	7,952	5,175	1,325	0	0	30,312	Future WASD Revenue Bonds	
	314,529	0	314,529	0	0	0	0	0	0	0	314,529	S Construction - 2013 Bonds	
	223,674	9,356,925	9,580,599	0	0	0	0	0	0	0	9,580,599	WASD Wastewater Commercial Paper - 2015	
TOTAL	538,203	9,356,925	9,895,128	7,930	7,930	7,952	5,175	1,325	0	0	9,925,440		



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Commission District(s)

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	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102808 S Replace Approximately 25 miles of AC force mains														
Commission District(s) COUNTYWIDE														
Sub-Project Budget / Estimated		34,408,955												
REVENUES														
		0	0	0	5,611,639	2,574,581	3,183,702	3,000,000	3,000,000	1,000,000	6,000,000	24,369,922	Future WASH Revenue Bonds	
	1,289,629	0	1,289,629	0	0	0	0	0	0	0	0	1,289,629	S Construction - 2013 Bonds	
	5,589,592	0	5,589,592	0	0	0	0	0	0	0	0	5,589,592	WASH Wastewater Commercial Paper - 2015	
	3,159,812	0	3,159,812	0	0	0	0	0	0	0	0	3,159,812	Wastewater Renewal & Replacement Fund	
TOTAL	10,039,033	0	10,039,033	5,611,639	2,574,581	3,183,702	3,000,000	3,000,000	1,000,000	6,000,000	34,408,955			



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Commission District(s)

OSBM No. 968150

	Prior			Projections								Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		
EXPENDITURES		0	0	0	5,611,639	2,574,581	3,183,702	3,000,000	3,000,000	1,000,000	6,000,000	24,369,922	Future WSD Revenue Bonds
	1,289,629		0	1,289,629	0	0	0	0	0	0	0	1,289,629	S Construction - 2013 Bonds
	991,415	4,598,177		5,589,592	0	0	0	0	0	0	0	5,589,592	WASD Wastewater Commercial Paper - 2015
	3,159,812		0	3,159,812	0	0	0	0	0	0	0	3,159,812	Wastewater Renewal & Replacement Fund
TOTAL	5,440,856	4,598,177		10,039,033	5,611,639	2,574,581	3,183,702	3,000,000	3,000,000	1,000,000	6,000,000	34,408,955	



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Commission District(s)

OSBM No. 968150

	Prior			Projections						Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022				FY 2022 - 2023
.102809 S Opa-Locka Airport 48" PCCP force main replacement													
Commission District(s) 1													
Sub-Project Budget / Estimated 22,237,677													
REVENUES													
		0	0	0	3,151,871	2,000,000	0	0	0	0	0	5,151,871	Future WASD Revenue Bonds
	404,497		0	404,497	0	0	0	0	0	0	0	404,497	S Construction - 2013 Bonds
	16,681,309		0	16,681,309	0	0	0	0	0	0	0	16,681,309	WASD Wastewater Commercial Paper - 2015
TOTAL	17,085,806		0	17,085,806	3,151,871	2,000,000	0	0	0	0	0	22,237,677	
EXPENDITURES													
		0	0	0	3,151,871	2,000,000	0	0	0	0	0	5,151,871	Future WASD Revenue Bonds
	404,497		0	404,497	0	0	0	0	0	0	0	404,497	S Construction - 2013 Bonds
	517,933	16,163,376		16,681,309	0	0	0	0	0	0	0	16,681,309	WASD Wastewater Commercial Paper - 2015
TOTAL	922,430	16,163,376		17,085,806	3,151,871	2,000,000	0	0	0	0	0	22,237,677	



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WASTEWATER PROJECTS

1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
102,307,930													
REVENUES													
		0	0	0	36,472,162	10,795,419	6,540,715	2,500,000	1,500,001	0	0	57,808,297	Future WASH Revenue Bonds
	1,005,978	5,252,217	6,258,195	0	0	0	0	0	0	0	0	6,258,195	Plant Expansion Fund - Wastewater
	12,630,796	0	12,630,796	0	0	0	0	0	0	0	0	12,630,796	S Construction - 2013 Bonds
	25,610,642	0	25,610,642	0	0	0	0	0	0	0	0	25,610,642	WASH Wastewater Commercial Paper - 2015
TOTAL	39,247,415.8	5,252,217	44,499,633	36,472,162.0	10,795,419	6,540,715	2,500,000	1,500,001	0	0	0	102,307,930	
EXPENDITURES													
		0	0	0	36,472,162	10,795,419	6,540,715	2,500,000	1,500,001	0	0	57,808,297	Future WASH Revenue Bonds
	1,005,978	5,252,217	6,258,195	0	0	0	0	0	0	0	0	6,258,195	Plant Expansion Fund - Wastewater
	12,630,796	0	12,630,796	0	0	0	0	0	0	0	0	12,630,796	S Construction - 2013 Bonds
	3,402,825	22,207,817	25,610,642	0	0	0	0	0	0	0	0	25,610,642	WASH Wastewater Commercial Paper - 2015
TOTAL	17,039,598.9	27,460,034	44,499,633	36,472,162.0	10,795,419	6,540,715	2,500,000	1,500,001	0	0	0	102,307,930	



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1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102900 S DORAL BASIN - UPGRADE SEWAGE PS No. 418														
Commission District(s) 12														
Sub-Project Budget / Estimated		11,464,533												
REVENUES														
		0	0	0	4,338,280	146,174	0	0	0	0	0	4,484,454	Future WAST Revenue Bonds	
	1,005,978	5,252,217	6,258,195	0	0	0	0	0	0	0	0	6,258,195	Plant Expansion Fund - Wastewater	
	356,429	0	356,429	0	0	0	0	0	0	0	0	356,429	S Construction - 2013 Bonds	
	365,455	0	365,455	0	0	0	0	0	0	0	0	365,455	WAST Wastewater Commercial Paper - 2015	
TOTAL	1,727,862	5,252,217	6,980,079	4,338,280	146,174	0	0	0	0	0	0	11,464,533		
EXPENDITURES														
		0	0	0	4,338,280	146,174	0	0	0	0	0	4,484,454	Future WAST Revenue Bonds	
	1,005,978	5,252,217	6,258,195	0	0	0	0	0	0	0	0	6,258,195	Plant Expansion Fund - Wastewater	
	356,429	0	356,429	0	0	0	0	0	0	0	0	356,429	S Construction - 2013 Bonds	
	354,525	10,930	365,455	0	0	0	0	0	0	0	0	365,455	WAST Wastewater Commercial Paper - 2015	
TOTAL	1,716,932	5,263,147	6,980,079	4,338,280	146,174	0	0	0	0	0	0	11,464,533		



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Commission District(s)

OSBM No. 964440

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102901 S Upgrade of PS#0692

Commission District(s) 8

Sub-Project Budget / Estimated 458,618

REVENUES

	458,618	0	458,618	0	0	0	0	0	0	0	0	458,618	S Construction - 2013 Bonds
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TOTAL

	458,618	0	458,618	0	0	0	0	0	0	0	0	458,618	
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EXPENDITURES

	458,618	0	458,618	0	0	0	0	0	0	0	0	458,618	S Construction - 2013 Bonds
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TOTAL

	458,618	0	458,618	0	0	0	0	0	0	0	0	458,618	
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1046. SEWER PUMP STATION SYSTEMS - CONSENT DECREE PROJECTS

Commission District(s)

OSBM No. 964440

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102902 S Upgrade of PS#0691													
Commission District(s) 8													
Sub-Project Budget / Estimated		13,592,467											
REVENUES													
		0	0	0	3,317,514	2,357,949	2,500,000	2,000,000	1,500,001	0	0	11,675,464	Future WASD Revenue Bonds
	288,745	0	288,745	0	0	0	0	0	0	0	0	288,745	S Construction - 2013 Bonds
	1,628,258	0	1,628,258	0	0	0	0	0	0	0	0	1,628,258	WASD Wastewater Commercial Paper - 2015
TOTAL	1,917,003	0	1,917,003	3,317,514	2,357,949	2,500,000	2,000,000	1,500,001	0	0	13,592,467		
EXPENDITURES													
	0	0	0	3,317,514	2,357,949	2,500,000	2,000,000	1,500,001	0	0	11,675,464	Future WASD Revenue Bonds	
	288,745	0	288,745	0	0	0	0	0	0	0	288,745	S Construction - 2013 Bonds	
	21,703	1,606,555	1,628,258	0	0	0	0	0	0	0	1,628,258	WASD Wastewater Commercial Paper - 2015	
TOTAL	310,447	1,606,555	1,917,002	3,317,514	2,357,949	2,500,000	2,000,000	1,500,001	0	0	13,592,466		



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Commission District(s)

OSBM No. 964440

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102903 S Replacement of Switchgear PS#0414													
Commission District(s) 13													
Sub-Project Budget / Estimated 6,650,280													
REVENUES													
		0	0	0	4,232,428	0	0	0	0	0	0	4,232,428	Future WASH Revenue Bonds
	377,344		0	377,344	0	0	0	0	0	0	0	377,344	S Construction - 2013 Bonds
	2,040,508		0	2,040,508	0	0	0	0	0	0	0	2,040,508	WASH Wastewater Commercial Paper - 2015
TOTAL	2,417,852		0	2,417,852	4,232,428	0	0	0	0	0	0	6,650,280	
EXPENDITURES													
		0	0	0	4,232,428	0	0	0	0	0	0	4,232,428	Future WASH Revenue Bonds
	377,344		0	377,344	0	0	0	0	0	0	0	377,344	S Construction - 2013 Bonds
	312,776	1,727,732		2,040,508	0	0	0	0	0	0	0	2,040,508	WASH Wastewater Commercial Paper - 2015
TOTAL	690,120	1,727,732		2,417,852	4,232,428	0	0	0	0	0	0	6,650,280	



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Commission District(s)

OSBM No. 964440

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	
.102904 S Replacement of Switchgear and Rehabilitation of Wet well PS#0415												
Commission District(s) 1												
Sub-Project Budget / Estimated	8,302,516											
REVENUES												
	0	0	0	2,229,124	2,094,339	1,500,000	500,000	0	0	0	6,323,463	Future WAST Revenue Bonds
	238,182	0	238,182	0	0	0	0	0	0	0	238,182	S Construction - 2013 Bonds
	1,740,871	0	1,740,871	0	0	0	0	0	0	0	1,740,871	WAST Wastewater Commercial Paper - 2015
TOTAL	1,979,053	0	1,979,053	2,229,124	2,094,339	1,500,000	500,000	0	0	0	8,302,516	
EXPENDITURES												
	0	0	0	2,229,124	2,094,339	1,500,000	500,000	0	0	0	6,323,463	Future WAST Revenue Bonds
	238,182	0	238,182	0	0	0	0	0	0	0	238,182	S Construction - 2013 Bonds
	469,177	1,271,694	1,740,871	0	0	0	0	0	0	0	1,740,871	WAST Wastewater Commercial Paper - 2015
TOTAL	707,359	1,271,694	1,979,053	2,229,124	2,094,339	1,500,000	500,000	0	0	0	8,302,516	



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Commission District(s)

OSBM No. 964440

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102905 S Replacement of Switchgear PS#0416													
Commission District(s) 1													
Sub-Project Budget / Estimated	6,724,022												
REVENUES													
	0	0	0	4,313,615	0	0	0	0	0	0	0	4,313,615	Future WASH Revenue Bonds
	227,384	0	227,384	0	0	0	0	0	0	0	0	227,384	S Construction - 2013 Bonds
	2,183,023	0	2,183,023	0	0	0	0	0	0	0	0	2,183,023	WASH Wastewater Commercial Paper - 2015
TOTAL	2,410,407	0	2,410,407	4,313,615	0	0	0	0	0	0	0	6,724,022	
EXPENDITURES													
	0	0	0	4,313,615	0	0	0	0	0	0	0	4,313,615	Future WASH Revenue Bonds
	227,384	0	227,384	0	0	0	0	0	0	0	0	227,384	S Construction - 2013 Bonds
	438,822	1,744,201	2,183,023	0	0	0	0	0	0	0	0	2,183,023	WASH Wastewater Commercial Paper - 2015
TOTAL	666,205	1,744,201	2,410,406	4,313,615	0	0	0	0	0	0	0	6,724,021	



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	Prior			Projections										Bond Issue
	Budget/	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	Future	Total		
	Estimate Cost	2016 - 2017	2016 - 2017	Prior	2017 - 2018	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023				
.102906 S Replacement of Switchgear and Rehabilitation of Wet well PS#0417														
Commission District(s) 13														
Sub-Project Budget / Estimated	5,310,245													
REVENUES														
	0	0	0	3,111,618	710,574	0	0	0	0	0	0	3,822,192	Future WASH Revenue Bonds	
	377,445	0	377,445	0	0	0	0	0	0	0	0	377,445	S Construction - 2013 Bonds	
	1,110,608	0	1,110,608	0	0	0	0	0	0	0	0	1,110,608	WASH Wastewater Commercial Paper - 2015	
TOTAL	1,488,053	0	1,488,053	3,111,618	710,574	0	0	0	0	0	0	5,310,245		
EXPENDITURES														
	0	0	0	3,111,618	710,574	0	0	0	0	0	0	3,822,192	Future WASH Revenue Bonds	
	377,445	0	377,445	0	0	0	0	0	0	0	0	377,445	S Construction - 2013 Bonds	
	329,112	781,496	1,110,608	0	0	0	0	0	0	0	0	1,110,608	WASH Wastewater Commercial Paper - 2015	
TOTAL	706,557	781,496	1,488,053	3,111,618	710,574	0	0	0	0	0	0	5,310,245		



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102907 S Replacement of Electrical and Mechanical Equipment in PS#0107													
Commission District(s) 3													
Sub-Project Budget / Estimated	1,749,767												
REVENUES													
	0	0	0	904,243	0	0	0	0	0	0	0	904,243	Future WASH Revenue Bonds
	124,109	0	124,109	0	0	0	0	0	0	0	0	124,109	S Construction - 2013 Bonds
	721,415	0	721,415	0	0	0	0	0	0	0	0	721,415	WASH Wastewater Commercial Paper - 2015
TOTAL	845,524	0	845,524	904,243	0	0	0	0	0	0	0	1,749,767	
EXPENDITURES													
	0	0	0	904,243	0	0	0	0	0	0	0	904,243	Future WASH Revenue Bonds
	124,109	0	124,109	0	0	0	0	0	0	0	0	124,109	S Construction - 2013 Bonds
	29,802	691,613	721,415	0	0	0	0	0	0	0	0	721,415	WASH Wastewater Commercial Paper - 2015
TOTAL	153,912	691,613	845,525	904,243	0	0	0	0	0	0	0	1,749,768	



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102908 S Replacement of Plumbing and Electrical Equipment at PS#0301														
Commission District(s) 4														
Sub-Project Budget / Estimated	5,256,163													
REVENUES														
	0	0	0	2,441,403	66,453	540,715	0	0	0	0	0	3,048,571	Future WASH Revenue Bonds	
	278,165	0	278,165	0	0	0	0	0	0	0	0	278,165	S Construction - 2013 Bonds	
	1,929,427	0	1,929,427	0	0	0	0	0	0	0	0	1,929,427	WASH Wastewater Commercial Paper - 2015	
TOTAL	2,207,592	0	2,207,592	2,441,403	66,453	540,715	0	0	0	0	0	5,256,163		
EXPENDITURES														
	0	0	0	2,441,403	66,453	540,715	0	0	0	0	0	3,048,571	Future WASH Revenue Bonds	
	278,165	0	278,165	0	0	0	0	0	0	0	0	278,165	S Construction - 2013 Bonds	
	567,130	1,362,297	1,929,427	0	0	0	0	0	0	0	0	1,929,427	WASH Wastewater Commercial Paper - 2015	
TOTAL	845,294	1,362,297	2,207,591	2,441,403	66,453	540,715	0	0	0	0	0	5,256,162		



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102909 S Upgrade of PS#0488													
Commission District(s) 2													
Sub-Project Budget / Estimated		918,022											
REVENUES													
		0	0	0	57,215	0	0	0	0	0	0	57,215	Future WASH Revenue Bonds
	64,641	0	0	64,641	0	0	0	0	0	0	0	64,641	S Construction - 2013 Bonds
	796,166	0	0	796,166	0	0	0	0	0	0	0	796,166	WASH Wastewater Commercial Paper - 2015
TOTAL		860,807	0	860,807	57,215	0	0	0	0	0	0	918,022	
EXPENDITURES													
		0	0	0	57,215	0	0	0	0	0	0	57,215	Future WASH Revenue Bonds
	64,641	0	0	64,641	0	0	0	0	0	0	0	64,641	S Construction - 2013 Bonds
	274,835	521,331	0	796,166	0	0	0	0	0	0	0	796,166	WASH Wastewater Commercial Paper - 2015
TOTAL		339,476	521,331	860,807	57,215	0	0	0	0	0	0	918,022	



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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

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

Commission District(s) 7

Sub-Project Budget / Estimated 2,584,186

REVENUES

	0	0	0	1,730,930	0	0	0	0	0	0	0	1,730,930	Future WASH Revenue Bonds
	853,256	0	853,256	0	0	0	0	0	0	0	0	853,256	WASH Wastewater Commercial Paper - 2015
TOTAL	853,256	0	853,256	1,730,930	0	0	0	0	0	0	0	2,584,186	

EXPENDITURES

	0	0	0	1,730,930	0	0	0	0	0	0	0	1,730,930	Future WASH Revenue Bonds
	21,269	831,987	853,256	0	0	0	0	0	0	0	0	853,256	WASH Wastewater Commercial Paper - 2015
TOTAL	21,269	831,987	853,256	1,730,930	0	0	0	0	0	0	0	2,584,186	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102911 S Replacement of Switchgear at PS#0187													
Commission District(s) 6													
Sub-Project Budget / Estimated 13,050,008													
REVENUES													
		0	0	0	4,445,123	3,000,000	0	0	0	0	0	7,445,123	Future WASH Revenue Bonds
	633,606		0	633,606	0	0	0	0	0	0	0	633,606	S Construction - 2013 Bonds
	4,971,279		0	4,971,279	0	0	0	0	0	0	0	4,971,279	WASH Wastewater Commercial Paper - 2015
TOTAL	5,604,885		0	5,604,885	4,445,123	3,000,000	0	0	0	0	0	13,050,008	
EXPENDITURES													
		0	0	0	4,445,123	3,000,000	0	0	0	0	0	7,445,123	Future WASH Revenue Bonds
	633,606		0	633,606	0	0	0	0	0	0	0	633,606	S Construction - 2013 Bonds
	8,166	4,963,113		4,971,279	0	0	0	0	0	0	0	4,971,279	WASH Wastewater Commercial Paper - 2015
TOTAL	641,772	4,963,113		5,604,885	4,445,123	3,000,000	0	0	0	0	0	13,050,008	



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Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	

.102912 S Refurbish Emergency Generators and Controls at Regional Pump Stations

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 498,054

REVENUES

	479,529	0	479,529	0	0	0	0	0	0	0	0	479,529	S Construction - 2013 Bonds
	18,525	0	18,525	0	0	0	0	0	0	0	0	18,525	WASD Wastewater Commercial Paper - 2015
TOTAL	498,054	0	498,054	0	0	0	0	0	0	0	0	498,054	

EXPENDITURES

	479,529	0	479,529	0	0	0	0	0	0	0	0	479,529	S Construction - 2013 Bonds
	18,525	0	18,525	0	0	0	0	0	0	0	0	18,525	WASD Wastewater Commercial Paper - 2015
TOTAL	498,054	0	498,054	0	0	0	0	0	0	0	0	498,054	



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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

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

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

Sub-Project Budget / Estimated 4,511,598

REVENUES

	3,707,620	0	3,707,620	0	0	0	0	0	0	0	0	3,707,620	S Construction - 2013 Bonds
	803,978	0	803,978	0	0	0	0	0	0	0	0	803,978	WASD Wastewater Commercial Paper - 2015
TOTAL	4,511,598	0	4,511,598	0	0	0	0	0	0	0	0	4,511,598	

EXPENDITURES

	3,707,620	0	3,707,620	0	0	0	0	0	0	0	0	3,707,620	S Construction - 2013 Bonds
	346,460	457,518	803,978	0	0	0	0	0	0	0	0	803,978	WASD Wastewater Commercial Paper - 2015
TOTAL	4,054,081	457,518	4,511,599	0	0	0	0	0	0	0	0	4,511,599	



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Prior				Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

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

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

Sub-Project Budget / Estimated 3,979,050

REVENUES

	294,694	0	294,694	0	0	0	0	0	0	0	0	294,694	S Construction - 2013 Bonds
	3,684,356	0	3,684,356	0	0	0	0	0	0	0	0	3,684,356	WASD Wastewater Commercial Paper - 2015
TOTAL	3,979,050	0	3,979,050	0	0	0	0	0	0	0	0	3,979,050	

EXPENDITURES

	294,694	0	294,694	0	0	0	0	0	0	0	0	294,694	S Construction - 2013 Bonds
	113,011	3,571,345	3,684,356	0	0	0	0	0	0	0	0	3,684,356	WASD Wastewater Commercial Paper - 2015
TOTAL	407,705	3,571,345	3,979,050	0	0	0	0	0	0	0	0	3,979,050	



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Commission District(s)

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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102916 S Upgrade of PS #0037, 0351, 0370, 0403													
Commission District(s) 1,3,7													
Sub-Project Budget / Estimated 5,811,106													
REVENUES													
		0	0	0	3,774,570	0	0	0	0	0	0	3,774,570	Future WASH Revenue Bonds
	2,036,536		0	2,036,536	0	0	0	0	0	0	0	2,036,536	WASH Wastewater Commercial Paper - 2015
TOTAL	2,036,536	0	2,036,536	3,774,570	0	0	0	0	0	0	0	5,811,106	
EXPENDITURES													
		0	0	0	3,774,570	0	0	0	0	0	0	3,774,570	Future WASH Revenue Bonds
	97,512	1,939,024	2,036,536	0	0	0	0	0	0	0	0	2,036,536	WASH Wastewater Commercial Paper - 2015
TOTAL	97,512	1,939,024	2,036,536	3,774,570	0	0	0	0	0	0	0	5,811,106	



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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

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

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

Sub-Project Budget / Estimated 6,723,010

REVENUES

	0	0	0	1,576,099	2,419,930	2,000,000	0	0	0	0	5,996,029	Future WASD Revenue Bonds
	726,981	0	726,981	0	0	0	0	0	0	0	726,981	WASD Wastewater Commercial Paper - 2015
TOTAL	726,981	0	726,981	1,576,099	2,419,930	2,000,000	0	0	0	0	6,723,010	

EXPENDITURES

	0	0	0	1,576,099	2,419,930	2,000,000	0	0	0	0	5,996,029	Future WASD Revenue Bonds
	0	726,981	726,981	0	0	0	0	0	0	0	726,981	WASD Wastewater Commercial Paper - 2015
TOTAL	0	726,981	726,981	1,576,099	2,419,930	2,000,000	0	0	0	0	6,723,010	



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OSBM No. 964440

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102918 S SCADA RTU Upgrades

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 4,724,285

REVENUES

	4,724,285	0	4,724,285	0	0	0	0	0	0	0	0	4,724,285	S Construction - 2013 Bonds
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TOTAL	4,724,285	0	4,724,285	0	0	0	0	0	0	0	0	4,724,285	
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EXPENDITURES

	4,724,285	0	4,724,285	0	0	0	0	0	0	0	0	4,724,285	S Construction - 2013 Bonds
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TOTAL	4,724,285	0	4,724,285	0	0	0	0	0	0	0	0	4,724,285	
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Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1047. WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT

Commission District(s)

OSBM No. 968090

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
278,669,396														
REVENUES														
		0	0	0	2,493,810	361,178	0	0	0	0	148,711,743	151,566,731	Future WASH Revenue Bonds	
	76,000	2,211,000	2,287,000	6,471,000	13,926,000	16,886,000	20,636,000	25,425,000	25,586,000	14,783,000	126,000,000	126,000,000	General Obligation Bonds	
	275,850	0	275,850	0	0	0	0	0	0	0	0	275,850	S Construction - 2013 Bonds	
	826,815	0	826,815	0	0	0	0	0	0	0	0	826,815	WASH Wastewater Commercial Paper - 2015	
TOTAL		1,178,665.0	2,211,000	3,389,665	8,964,810.0	14,287,178	16,886,000	20,636,000	25,425,000	25,586,000	163,494,743	278,669,396		
EXPENDITURES														
		0	0	0	2,493,810	361,178	0	0	0	0	148,711,743	151,566,731	Future WASH Revenue Bonds	
	76,000	2,211,000	2,287,000	6,471,000	13,926,000	16,886,000	20,636,000	25,425,000	25,586,000	14,783,000	126,000,000	126,000,000	General Obligation Bonds	
	275,850	0	275,850	0	0	0	0	0	0	0	0	275,850	S Construction - 2013 Bonds	
	250,032	576,783	826,815	0	0	0	0	0	0	0	0	826,815	WASH Wastewater Commercial Paper - 2015	
TOTAL		601,882.1	2,787,783	3,389,665	8,964,810.0	14,287,178	16,886,000	20,636,000	25,425,000	25,586,000	163,494,743	278,669,396		



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WASTEWATER PROJECTS

Version 3

1047. WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT

Commission District(s)

OSBM No. 968090

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.103000 S WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - GRAVITY AND FORCE MAINS													
Commission District(s) 1,2,3,4,6,7,8,9,10,12													
Sub-Project Budget / Estimated 142,850,106													
REVENUES													
		0	0	0	0	0	0	0	0	0	77,330,106	77,330,106	Future WASH Revenue Bonds
		39,520	1,149,720	1,189,240	3,364,920	7,241,520	8,780,720	10,730,720	13,221,000	13,304,720	7,687,160	65,520,000	General Obligation Bonds
TOTAL		39,520	1,149,720	1,189,240	3,364,920	7,241,520	8,780,720	10,730,720	13,221,000	13,304,720	85,017,266	142,850,106	
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	77,330,106	77,330,106	Future WASH Revenue Bonds
		39,520	1,149,720	1,189,240	3,364,920	7,241,520	8,780,720	10,730,720	13,221,000	13,304,720	7,687,160	65,520,000	General Obligation Bonds
TOTAL		39,520	1,149,720	1,189,240	3,364,920	7,241,520	8,780,720	10,730,720	13,221,000	13,304,720	85,017,266	142,850,106	



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Commission District(s)

OSBM No. 968090

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.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 131,861,637													
REVENUES													
		0	0	0	0	0	0	0	0	0	71,381,637	71,381,637	Future WASD Revenue Bonds
	36,480	1,061,280	1,097,760	3,106,080	6,684,480	8,105,280	9,905,280	12,204,000	12,281,280	7,095,840	60,480,000	60,480,000	General Obligation Bonds
TOTAL	36,480	1,061,280	1,097,760	3,106,080	6,684,480	8,105,280	9,905,280	12,204,000	12,281,280	78,477,477	131,861,637		
EXPENDITURES													
		0	0	0	0	0	0	0	0	0	71,381,637	71,381,637	Future WASD Revenue Bonds
	36,480	1,061,280	1,097,760	3,106,080	6,684,480	8,105,280	9,905,280	12,204,000	12,281,280	7,095,840	60,480,000	60,480,000	General Obligation Bonds
TOTAL	36,480	1,061,280	1,097,760	3,106,080	6,684,480	8,105,280	9,905,280	12,204,000	12,281,280	78,477,477	131,861,637		



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Commission District(s)

OSBM No. 968090

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.103002 S SUPPLEMENTAL ENVIRONMENT PROJECT (SEP)														
Commission District(s) 2														
Sub-Project Budget / Estimated	3,957,653													
REVENUES														
	0	0	0	2,493,810	361,178	0	0	0	0	0	0	2,854,988	Future WASH Revenue Bonds	
	275,850	0	275,850	0	0	0	0	0	0	0	0	275,850	S Construction - 2013 Bonds	
	826,815	0	826,815	0	0	0	0	0	0	0	0	826,815	WASH Wastewater Commercial Paper - 2015	
TOTAL	1,102,665	0	1,102,665	2,493,810	361,178	0	0	0	0	0	0	3,957,653		
EXPENDITURES														
	0	0	0	2,493,810	361,178	0	0	0	0	0	0	2,854,988	Future WASH Revenue Bonds	
	275,850	0	275,850	0	0	0	0	0	0	0	0	275,850	S Construction - 2013 Bonds	
	250,032	576,783	826,815	0	0	0	0	0	0	0	0	826,815	WASH Wastewater Commercial Paper - 2015	
TOTAL	525,882	576,783	1,102,665	2,493,810	361,178	0	0	0	0	0	0	3,957,653		



Miami-Dade Water and Sewer Department
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WASTEWATER PROJECTS

1048. OCEAN OUTFALL LEGISLATION CAPACITY

Commission District(s)

OSBM No. 2000000580

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
1,509,108,773														
REVENUES														
		0	0	0	22,372,199	29,835,570	44,998,655	57,384,589	69,201,219	92,597,245	1,179,247,295	1,495,636,772	Future WSD Revenue Bonds	
	1,835,520	3,640,992	5,476,512	0	0	0	0	0	0	0	0	5,476,512	Plant Expansion Fund - Wastewater	
	7,995,489	0	7,995,489	0	0	0	0	0	0	0	0	7,995,489	WSD Wastewater Commercial Paper - 2015	
TOTAL	9,831,008.8	3,640,992	13,472,001	22,372,199.0	29,835,570	44,998,655	57,384,589	69,201,219	92,597,245	1,179,247,295	1,509,108,773			
EXPENDITURES														
		0	0	0	22,372,199	29,835,570	44,998,655	57,384,589	69,201,219	92,597,245	1,179,247,295	1,495,636,772	Future WSD Revenue Bonds	
	344,790	5,131,722	5,476,512	0	0	0	0	0	0	0	0	5,476,512	Plant Expansion Fund - Wastewater	
	0	7,995,489	7,995,489	0	0	0	0	0	0	0	0	7,995,489	WSD Wastewater Commercial Paper - 2015	
TOTAL	344,789.8	13,127,211	13,472,001	22,372,199.0	29,835,570	44,998,655	57,384,589	69,201,219	92,597,245	1,179,247,295	1,509,108,773			



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Commission District(s)

OSBM No. 2000000580

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.101757 S 48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)												
Commission District(s) 3												
Sub-Project Budget / Estimated	22,629,332											
REVENUES												
	0	0	0	4,220,603	2,125,696	3,347,448	3,000,000	2,500,000	500,000	3,000,000	18,693,747	Future WASH Revenue Bonds
	344,790	2,388,757	2,733,547	0	0	0	0	0	0	0	2,733,547	Plant Expansion Fund - Wastewater
	1,202,038	0	1,202,038	0	0	0	0	0	0	0	1,202,038	WASH Wastewater Commercial Paper - 2015
TOTAL	1,546,828	2,388,757	3,935,585	4,220,603	2,125,696	3,347,448	3,000,000	2,500,000	500,000	3,000,000	22,629,332	



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Commission District(s)

OSBM No. 2000000580

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
EXPENDITURES														
		0	0	0	4,220,603	2,125,696	3,347,448	3,000,000	2,500,000	500,000	3,000,000	18,693,747	Future WAST Revenue Bonds	
	344,790	2,388,757	2,733,547	0	0	0	0	0	0	0	0	2,733,547	Plant Expansion Fund - Wastewater	
	0	1,202,038	1,202,038	0	0	0	0	0	0	0	0	1,202,038	WAST Wastewater Commercial Paper - 2015	
TOTAL	344,790	3,590,795	3,935,585	4,220,603	2,125,696	3,347,448	3,000,000	2,500,000	500,000	3,000,000	22,629,332			
.101759 S 48-INCH - ALLOWS P.S. 300 TO PUMP NORTH TO P.S. 1310 DISCHARGE (NL-7)														
Commission District(s) 2														
Sub-Project Budget / Estimated 2,059,115														
REVENUES														
		0	0	0	0	0	0	0	13,346	54,457	1,991,312	2,059,115	Future WAST Revenue Bonds	
TOTAL	0	0	0	0	0	0	0	0	13,346	54,457	1,991,312	2,059,115		
EXPENDITURES														
		0	0	0	0	0	0	0	13,346	54,457	1,991,312	2,059,115	Future WAST Revenue Bonds	
TOTAL	0	0	0	0	0	0	0	0	13,346	54,457	1,991,312	2,059,115		



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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.101861 S CORAL GABLES REROUTE (CL-2)

Commission District(s) 5

Sub-Project Budget / Estimated 19,315,695

REVENUES

0	0	0	0	0	0	0	242,636	8,730	5,174,877	13,889,452	19,315,695	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	242,636	8,730	5,174,877	13,889,452	19,315,695	
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EXPENDITURES

0	0	0	0	0	0	0	242,636	8,730	5,174,877	13,889,452	19,315,695	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	242,636	8,730	5,174,877	13,889,452	19,315,695	
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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.101864 S PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)

Commission District(s) Countywide

Sub-Project Budget / Estimated 327,969,805

REVENUES

	0	0	0	1,154,807	1,659,633	1,781,366	2,530,230	4,008,960	5,558,149	311,276,660	327,969,805	Future WASD Revenue Bonds
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TOTAL	0	0	0	1,154,807	1,659,633	1,781,366	2,530,230	4,008,960	5,558,149	311,276,660	327,969,805	
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EXPENDITURES

	0	0	0	1,154,807	1,659,633	1,781,366	2,530,230	4,008,960	5,558,149	311,276,660	327,969,805	Future WASD Revenue Bonds
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TOTAL	0	0	0	1,154,807	1,659,633	1,781,366	2,530,230	4,008,960	5,558,149	311,276,660	327,969,805	
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WASTEWATER PROJECTS

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1048. OCEAN OUTFALL LEGISLATION CAPACITY

Commission District(s)

OSBM No. 2000000580

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.101865 S PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)														
Commission District(s) Countywide														
Sub-Project Budget / Estimated		51,991,092												
REVENUES														
		0	0	0	258,375	1,984,450	1,586,335	2,694,510	3,075,118	4,737,488	37,369,766	51,706,042	Future WSD Revenue Bonds	
	285,050	0	285,050	0	0	0	0	0	0	0	0	285,050	WSD Wastewater Commercial Paper - 2015	
TOTAL	285,050	0	285,050	258,375	1,984,450	1,586,335	2,694,510	3,075,118	4,737,488	37,369,766	51,991,092			
EXPENDITURES														
		0	0	0	258,375	1,984,450	1,586,335	2,694,510	3,075,118	4,737,488	37,369,766	51,706,042	Future WSD Revenue Bonds	
	0	285,050	285,050	0	0	0	0	0	0	0	0	285,050	WSD Wastewater Commercial Paper - 2015	
TOTAL	0	285,050	285,050	258,375	1,984,450	1,586,335	2,694,510	3,075,118	4,737,488	37,369,766	51,991,092			



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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102012 S SOUTHWEST DADE BOOSTER STATION (SP-1)

Commission District(s) 11

Sub-Project Budget / Estimated 58,097,150

REVENUES

0	0	0	1,643,899	2,379,687	3,644,769	4,685,320	5,251,048	6,000,000	34,000,000	57,604,723	Future WSD Revenue Bonds
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492,427	0	492,427	0	0	0	0	0	0	0	0	492,427	WSD Wastewater Commercial Paper - 2015
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TOTAL	492,427	0	492,427	1,643,899	2,379,687	3,644,769	4,685,320	5,251,048	6,000,000	34,000,000	58,097,150	
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EXPENDITURES

0	0	0	1,643,899	2,379,687	3,644,769	4,685,320	5,251,048	6,000,000	34,000,000	57,604,723	Future WSD Revenue Bonds
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0	492,427	492,427	0	0	0	0	0	0	0	0	492,427	WSD Wastewater Commercial Paper - 2015
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TOTAL	0	492,427	492,427	1,643,899	2,379,687	3,644,769	4,685,320	5,251,048	6,000,000	34,000,000	58,097,150	
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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.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 3,266,828

REVENUES

0	0	0	0	0	0	0	0	0	87,410	63,042	3,116,376	3,266,828	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	87,410	63,042	3,116,376	3,266,828	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	87,410	63,042	3,116,376	3,266,828	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	87,410	63,042	3,116,376	3,266,828	
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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102055 S ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF

Commission District(s) 8

Sub-Project Budget / Estimated 45,056,601

REVENUES

	0	0	0	543,721	772,722	803,586	1,281,230	1,693,299	1,500,000	38,280,000	44,874,558	Future WSD Revenue Bonds
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	182,043	0	182,043	0	0	0	0	0	0	0	182,043	WSD Wastewater Commercial Paper - 2015
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TOTAL	182,043	0	182,043	543,721	772,722	803,586	1,281,230	1,693,299	1,500,000	38,280,000	45,056,601	
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EXPENDITURES

	0	0	0	543,721	772,722	803,586	1,281,230	1,693,299	1,500,000	38,280,000	44,874,558	Future WSD Revenue Bonds
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	0	182,043	182,043	0	0	0	0	0	0	0	182,043	WSD Wastewater Commercial Paper - 2015
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TOTAL	0	182,043	182,043	543,721	772,722	803,586	1,281,230	1,693,299	1,500,000	38,280,000	45,056,601	
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Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
.102056 S ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF														
Commission District(s) 8														
Sub-Project Budget / Estimated	334,290,920													
REVENUES														
	0	0	0	2,345,906	2,777,727	3,519,865	2,962,648	3,432,539	4,500,000	313,500,000	333,038,685	Future WASH Revenue Bonds		
	0	1,252,235	1,252,235	0	0	0	0	0	0	0	1,252,235	Plant Expansion Fund - Wastewater		
	0	0	0	0	0	0	0	0	0	0	0	0 WASH Wastewater Commercial Paper - 2015		
TOTAL	0	1,252,235	1,252,235	2,345,906	2,777,727	3,519,865	2,962,648	3,432,539	4,500,000	313,500,000	334,290,920			



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
EXPENDITURES														
		0	0	0	2,345,906	2,777,727	3,519,865	2,962,648	3,432,539	4,500,000	313,500,000	333,038,685	Future WAST Revenue Bonds	
		0	1,252,235	1,252,235	0	0	0	0	0	0	0	1,252,235	Plant Expansion Fund - Wastewater	
		0	0	0	0	0	0	0	0	0	0	0	0 WAST Wastewater Commercial Paper - 2015	
TOTAL		0	1,252,235	1,252,235	2,345,906	2,777,727	3,519,865	2,962,648	3,432,539	4,500,000	313,500,000	334,290,920		



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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102063 S 24-INCH FM CONNECTION FROM PS 1073 TO PS 691 (SL-6)

Commission District(s) 8,9

Sub-Project Budget / Estimated 4,124,333

REVENUES

	0	0	0	135,766	434,045	2,806,375	654,228	33,424	0	0	4,063,838	Future WAST Revenue Bonds
	60,495	0	60,495	0	0	0	0	0	0	0	60,495	WAST Wastewater Commercial Paper - 2015
TOTAL	60,495	0	60,495	135,766	434,045	2,806,375	654,228	33,424	0	0	4,124,333	

EXPENDITURES

	0	0	0	135,766	434,045	2,806,375	654,228	33,424	0	0	4,063,838	Future WAST Revenue Bonds
	0	60,495	60,495	0	0	0	0	0	0	0	60,495	WAST Wastewater Commercial Paper - 2015
TOTAL	0	60,495	60,495	135,766	434,045	2,806,375	654,228	33,424	0	0	4,124,333	



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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102064 S 24-INCH FM FROM PS 416 TO 30-INCH FM AT NW 171 ST / 67 AVE (NL-6)

Commission District(s) 1,13

Sub-Project Budget / Estimated 6,958,310

REVENUES

	0	0	0	0	0	0	0	0	0	207,981	6,750,329	6,958,310	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	207,981	6,750,329	6,958,310	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	207,981	6,750,329	6,958,310	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	207,981	6,750,329	6,958,310	
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.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 1,807,905

REVENUES

	0	0	0	0	0	0	0	0	0	56,116	1,751,789	1,807,905	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	56,116	1,751,789	1,807,905	
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EXPENDITURES

	0	0	0	0	0	0	0	0	0	56,116	1,751,789	1,807,905	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	0	56,116	1,751,789	1,807,905	
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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102067 S 42-INCH FM CONNECTION FROM PS 691 TO PS 692 (SL-5)

Commission District(s) 8

Sub-Project Budget / Estimated 26,468,141

REVENUES

0	0	0	0	0	0	0	0	0	0	800,618	25,667,523	26,468,141	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	800,618	25,667,523	26,468,141	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	800,618	25,667,523	26,468,141	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	800,618	25,667,523	26,468,141	
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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	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 10,428,261

REVENUES

0	0	0	0	0	0	92,534	219,450	512,315	3,568,274	6,035,688	10,428,261	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	92,534	219,450	512,315	3,568,274	6,035,688	10,428,261
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EXPENDITURES

0	0	0	0	0	0	92,534	219,450	512,315	3,568,274	6,035,688	10,428,261	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	92,534	219,450	512,315	3,568,274	6,035,688	10,428,261
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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.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 62,765,348													
REVENUES													
		0	0	0	1,967,858	2,310,430	3,411,404	3,062,453	4,500,000	2,500,000	44,000,000	61,752,145	Future WSD Revenue Bonds
	1,013,203		0	1,013,203	0	0	0	0	0	0	0	1,013,203	WSD Wastewater Commercial Paper - 2015
TOTAL	1,013,203		0	1,013,203	1,967,858	2,310,430	3,411,404	3,062,453	4,500,000	2,500,000	44,000,000	62,765,348	
EXPENDITURES													
		0	0	0	1,967,858	2,310,430	3,411,404	3,062,453	4,500,000	2,500,000	44,000,000	61,752,145	Future WSD Revenue Bonds
	0	1,013,203		1,013,203	0	0	0	0	0	0	0	1,013,203	WSD Wastewater Commercial Paper - 2015
TOTAL	0	1,013,203		1,013,203	1,967,858	2,310,430	3,411,404	3,062,453	4,500,000	2,500,000	44,000,000	62,765,348	



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Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
.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 87,014,344														
REVENUES														
	0	0	0	446,614	1,423,575	2,150,708	3,020,001	4,229,239	5,500,000	68,500,000	85,270,137	Future WASH Revenue Bonds		
	1,490,730	0	1,490,730	0	0	0	0	0	0	0	1,490,730	Plant Expansion Fund - Wastewater		
	253,477	0	253,477	0	0	0	0	0	0	0	253,477	WASH Wastewater Commercial Paper - 2015		
TOTAL	1,744,207	0	1,744,207	446,614	1,423,575	2,150,708	3,020,001	4,229,239	5,500,000	68,500,000	87,014,344			



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		0	0	0	446,614	1,423,575	2,150,708	3,020,001	4,229,239	5,500,000	68,500,000	85,270,137	Future WAST Revenue Bonds
		0	1,490,730	1,490,730	0	0	0	0	0	0	0	1,490,730	Plant Expansion Fund - Wastewater
		0	253,477	253,477	0	0	0	0	0	0	0	253,477	WAST Wastewater Commercial Paper - 2015
TOTAL		0	1,744,207	1,744,207	446,614	1,423,575	2,150,708	3,020,001	4,229,239	5,500,000	68,500,000	87,014,344	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102078 S SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137th AVE/SW 136th St.													
Commission District(s) 9,11													
Sub-Project Budget / Estimated 18,042,649													
REVENUES													
		0	0	0	572,353	914,731	1,998,954	2,923,437	3,290,906	4,500,000	3,500,000	17,700,381	Future WSD Revenue Bonds
	342,268		0	342,268	0	0	0	0	0	0	0	342,268	WSD Wastewater Commercial Paper - 2015
TOTAL	342,268	0	0	342,268	572,353	914,731	1,998,954	2,923,437	3,290,906	4,500,000	3,500,000	18,042,649	
EXPENDITURES													
		0	0	0	572,353	914,731	1,998,954	2,923,437	3,290,906	4,500,000	3,500,000	17,700,381	Future WSD Revenue Bonds
	0	342,268		342,268	0	0	0	0	0	0	0	342,268	WSD Wastewater Commercial Paper - 2015
TOTAL	0	342,268	0	342,268	572,353	914,731	1,998,954	2,923,437	3,290,906	4,500,000	3,500,000	18,042,649	



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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102079 S SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B

Commission District(s) 8,9

Sub-Project Budget / Estimated 21,655,237

REVENUES

	0	0	0	879,664	1,518,901	2,677,207	3,627,516	4,544,704	5,000,000	3,000,000	21,247,992	Future WSD Revenue Bonds
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	407,245	0	407,245	0	0	0	0	0	0	0	407,245	WSD Wastewater Commercial Paper - 2015
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TOTAL	407,245	0	407,245	879,664	1,518,901	2,677,207	3,627,516	4,544,704	5,000,000	3,000,000	21,655,237	
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EXPENDITURES

	0	0	0	879,664	1,518,901	2,677,207	3,627,516	4,544,704	5,000,000	3,000,000	21,247,992	Future WSD Revenue Bonds
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	0	407,245	407,245	0	0	0	0	0	0	0	407,245	WSD Wastewater Commercial Paper - 2015
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TOTAL	0	407,245	407,245	879,664	1,518,901	2,677,207	3,627,516	4,544,704	5,000,000	3,000,000	21,655,237	
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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102082 S NORTH DADE BOOSTER STATION AT NW 183 ST / NW 57 AVE (NP-1) - (CPCS)

Commission District(s) 1

Sub-Project Budget / Estimated 15,000,000

REVENUES

0	0	0	0	0	0	0	0	0	0	0	15,000,000	15,000,000	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	15,000,000	15,000,000	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	0	0	15,000,000	15,000,000	Future WASH Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	0	0	15,000,000	15,000,000	
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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102086 S UPGRADE PS 416 (NP-416E)

Commission District(s) 1

Sub-Project Budget / Estimated 8,358,056

REVENUES

0	0	0	0	0	0	134,267	267,174	374,821	786,877	6,794,917	8,358,056	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	134,267	267,174	374,821	786,877	6,794,917	8,358,056
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EXPENDITURES

0	0	0	0	0	0	134,267	267,174	374,821	786,877	6,794,917	8,358,056	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	134,267	267,174	374,821	786,877	6,794,917	8,358,056
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Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102087 S UPGRADE PS 692 (SP-692E)													
Commission District(s) 8													
Sub-Project Budget / Estimated	38,731,434												
REVENUES													
	0	0	0	1,384,477	2,307,655	3,142,604	4,817,666	5,352,915	5,726,117	16,000,000	38,731,434	Future WASD Revenue Bonds	
TOTAL	0	0	0	1,384,477	2,307,655	3,142,604	4,817,666	5,352,915	5,726,117	16,000,000	38,731,434		
EXPENDITURES													
	0	0	0	1,384,477	2,307,655	3,142,604	4,817,666	5,352,915	5,726,117	16,000,000	38,731,434	Future WASD Revenue Bonds	
TOTAL	0	0	0	1,384,477	2,307,655	3,142,604	4,817,666	5,352,915	5,726,117	16,000,000	38,731,434		



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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue		

.102088 S UPGRADE PS 1073 (SP-1073E)

Commission District(s) 9

Sub-Project Budget / Estimated 15,492,575

REVENUES

	0	0	0	547,144	843,848	1,571,862	3,451,683	2,037,870	40,168	7,000,000	15,492,575	Future WASD Revenue Bonds
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TOTAL	0	0	0	547,144	843,848	1,571,862	3,451,683	2,037,870	40,168	7,000,000	15,492,575	
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EXPENDITURES

	0	0	0	547,144	843,848	1,571,862	3,451,683	2,037,870	40,168	7,000,000	15,492,575	Future WASD Revenue Bonds
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TOTAL	0	0	0	547,144	843,848	1,571,862	3,451,683	2,037,870	40,168	7,000,000	15,492,575	
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		Prior			Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue		

.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 47,112,926

REVENUES

0	0	0	1,209,603	1,416,691	2,336,711	3,954,363	4,013,279	5,500,000	27,500,000	45,930,647	Future WSD Revenue Bonds
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1,182,279	0	1,182,279	0	0	0	0	0	0	0	1,182,279	WSD Wastewater Commercial Paper - 2015
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TOTAL	1,182,279	0	1,182,279	1,209,603	1,416,691	2,336,711	3,954,363	4,013,279	5,500,000	27,500,000	47,112,926	
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EXPENDITURES

0	0	0	1,209,603	1,416,691	2,336,711	3,954,363	4,013,279	5,500,000	27,500,000	45,930,647	Future WSD Revenue Bonds
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0	1,182,279	1,182,279	0	0	0	0	0	0	0	1,182,279	WSD Wastewater Commercial Paper - 2015
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TOTAL	0	1,182,279	1,182,279	1,209,603	1,416,691	2,336,711	3,954,363	4,013,279	5,500,000	27,500,000	47,112,926	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1048. OCEAN OUTFALL LEGISLATION CAPACITY
Commission District(s)
OSBM No. 2000000580

Version 3

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue		

.102124 S UPGRADE TO PS 522 (SP-522E)

Commission District(s) 9

Sub-Project Budget / Estimated 7,746,287

REVENUES

	0	0	0	461,531	854,804	1,112,145	1,500,000	1,500,000	1,500,000	540,912	7,469,392	Future WSD Revenue Bonds
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	276,895	0	276,895	0	0	0	0	0	0	0	276,895	WSD Wastewater Commercial Paper - 2015
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TOTAL	276,895	0	276,895	461,531	854,804	1,112,145	1,500,000	1,500,000	1,500,000	540,912	7,746,287	
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EXPENDITURES

	0	0	0	461,531	854,804	1,112,145	1,500,000	1,500,000	1,500,000	540,912	7,469,392	Future WSD Revenue Bonds
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	0	276,895	276,895	0	0	0	0	0	0	0	276,895	WSD Wastewater Commercial Paper - 2015
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TOTAL	0	276,895	276,895	461,531	854,804	1,112,145	1,500,000	1,500,000	1,500,000	540,912	7,746,287	
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Miami-Dade Water and Sewer Department
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1048. OCEAN OUTFALL LEGISLATION CAPACITY
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Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.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 6,823,317

REVENUES

0	0	0	0	0	53,120	56,515	189,631	344,167	4,474,193	1,705,691	6,823,317	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	53,120	56,515	189,631	344,167	4,474,193	1,705,691	6,823,317	
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EXPENDITURES

0	0	0	0	0	53,120	56,515	189,631	344,167	4,474,193	1,705,691	6,823,317	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	53,120	56,515	189,631	344,167	4,474,193	1,705,691	6,823,317	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
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		Prior			Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue		

.102156 S DOWNTOWN BOOSTER STATION (CP-1)

Commission District(s) 3

Sub-Project Budget / Estimated 38,651,775

REVENUES

0	0	0	2,316,253	3,562,626	4,415,430	5,301,467	4,759,779	6,000,000	11,000,000	37,355,555	Future WSD Revenue Bonds
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1,296,220	0	1,296,220	0	0	0	0	0	0	0	0	1,296,220	WSD Wastewater Commercial Paper - 2015
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TOTAL	1,296,220	0	1,296,220	2,316,253	3,562,626	4,415,430	5,301,467	4,759,779	6,000,000	11,000,000	38,651,775	
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EXPENDITURES

0	0	0	2,316,253	3,562,626	4,415,430	5,301,467	4,759,779	6,000,000	11,000,000	37,355,555	Future WSD Revenue Bonds
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0	1,296,220	1,296,220	0	0	0	0	0	0	0	0	1,296,220	WSD Wastewater Commercial Paper - 2015
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TOTAL	0	1,296,220	1,296,220	2,316,253	3,562,626	4,415,430	5,301,467	4,759,779	6,000,000	11,000,000	38,651,775	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1048. OCEAN OUTFALL LEGISLATION CAPACITY
Commission District(s)
OSBM No. 2000000580

Version 3

		Prior			Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	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) 8,9,11

Sub-Project Budget / Estimated 19,970,193

REVENUES

	0	0	0	631,981	112,807	508,708	1,449,938	3,719,436	5,350,763	7,832,796	19,606,429	Future WSD Revenue Bonds
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	363,764	0	363,764	0	0	0	0	0	0	0	363,764	WSD Wastewater Commercial Paper - 2015
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TOTAL	363,764	0	363,764	631,981	112,807	508,708	1,449,938	3,719,436	5,350,763	7,832,796	19,970,193	
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EXPENDITURES

	0	0	0	631,981	112,807	508,708	1,449,938	3,719,436	5,350,763	7,832,796	19,606,429	Future WSD Revenue Bonds
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	0	363,764	363,764	0	0	0	0	0	0	0	363,764	WSD Wastewater Commercial Paper - 2015
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TOTAL	0	363,764	363,764	631,981	112,807	508,708	1,449,938	3,719,436	5,350,763	7,832,796	19,970,193	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1048. OCEAN OUTFALL LEGISLATION CAPACITY
Commission District(s)
OSBM No. 2000000580

Version 3

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.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 57,887,212

REVENUES

	0	0	0	1,651,644	2,382,422	3,899,862	5,315,199	6,500,000	5,500,000	32,000,000	57,249,127	Future WSD Revenue Bonds
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	638,085	0	638,085	0	0	0	0	0	0	0	638,085	WSD Wastewater Commercial Paper - 2015
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TOTAL	638,085	0	638,085	1,651,644	2,382,422	3,899,862	5,315,199	6,500,000	5,500,000	32,000,000	57,887,212	
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EXPENDITURES

	0	0	0	1,651,644	2,382,422	3,899,862	5,315,199	6,500,000	5,500,000	32,000,000	57,249,127	Future WSD Revenue Bonds
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	0	638,085	638,085	0	0	0	0	0	0	0	638,085	WSD Wastewater Commercial Paper - 2015
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TOTAL	0	638,085	638,085	1,651,644	2,382,422	3,899,862	5,315,199	6,500,000	5,500,000	32,000,000	57,887,212	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1048. OCEAN OUTFALL LEGISLATION CAPACITY
Commission District(s)
OSBM No. 2000000580

Version 3

Prior				Projections									Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.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 30,120,530

REVENUES

0	0	0	0	0	0	0	233,809	627,157	1,189,561	28,070,003	30,120,530	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	233,809	627,157	1,189,561	28,070,003	30,120,530	
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EXPENDITURES

0	0	0	0	0	0	0	233,809	627,157	1,189,561	28,070,003	30,120,530	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	233,809	627,157	1,189,561	28,070,003	30,120,530	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1048. OCEAN OUTFALL LEGISLATION CAPACITY
Commission District(s)
OSBM No. 2000000580

Version 3

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue		

.102190 S 42-INCH FM FROM PS306 - RED ROAD (NL-1C)

Commission District(s) 1

Sub-Project Budget / Estimated 36,068,700

REVENUES

0	0	0	0	0	0	0	0	0	522,374	2,713,346	32,832,980	36,068,700	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	522,374	2,713,346	32,832,980	36,068,700	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	522,374	2,713,346	32,832,980	36,068,700	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	522,374	2,713,346	32,832,980	36,068,700	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1048. OCEAN OUTFALL LEGISLATION CAPACITY
Commission District(s)
OSBM No. 2000000580

Version 3

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102191 S PUMP STATION 0306 (PS-306)

Commission District(s) 1

Sub-Project Budget / Estimated 56,551,390

REVENUES

0	0	0	0	0	0	0	0	0	1,509,541	3,107,508	51,934,341	56,551,390	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	1,509,541	3,107,508	51,934,341	56,551,390	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	1,509,541	3,107,508	51,934,341	56,551,390	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	1,509,541	3,107,508	51,934,341	56,551,390	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN
WASTEWATER PROJECTS
1048. OCEAN OUTFALL LEGISLATION CAPACITY
Commission District(s)
OSBM No. 2000000580

Version 3

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102199 S XL-1 48-INCH LINING FROM PS 300 TO NDWWTP

Commission District(s) 2,4

Sub-Project Budget / Estimated 26,653,312

REVENUES

0	0	0	0	0	0	0	0	0	758,842	487,710	25,406,760	26,653,312	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	758,842	487,710	25,406,760	26,653,312	
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EXPENDITURES

0	0	0	0	0	0	0	0	0	758,842	487,710	25,406,760	26,653,312	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	758,842	487,710	25,406,760	26,653,312	
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Total Revenues:	10,591,281,014	846,669,479.7	134,305,351	980,974,831	348,280,077	342,963,147	358,729,484	406,850,260	435,049,358	466,843,129	7,251,590,729	10,591,281,015
Total Expenditures:		544,487,497	397,027,790	941,515,287	370,148,106	345,463,147	361,229,484	409,350,260	437,549,358	474,434,639	7,251,590,729	10,591,281,010

MULTI-YEAR CAPITAL PLAN WATER



Miami-Dade Water and Sewer Department

2017-2023 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
2017-2023 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
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN**

WATER PROJECTS

Version 3

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

Fund Description	Prior			Projections							Total
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	
WASD Revenue Bonds Sold	1,478	0	1,478	0	0	0	0	0	0	0	1,478
Water Renewal & Replacement Fund	136,330	28,852	165,182	40,000	34,500	34,500	34,500	34,500	34,500	34,500	412,182
Plant Expansion Fund - Water	2,275	14,142	16,417	34,570	8,197	0	0	0	0	0	59,184
State Revolving Loans - Water	7,070	11,708	18,778	3,019	1,048	0	0	0	0	0	22,846
Fire Hydrant Fund	37,142	1,079	38,221	3,500	3,500	3,500	3,500	3,500	3,500	5,921	65,142
General Obligation Bonds	12,716	3,117	15,833	4,609	3,499	2,051	1,870	0	0	0	27,862
Water Special Construction Fund	31,087	595	31,682	0	1,000	1,000	1,000	2,000	2,000	0	38,682
Future WASD Revenue Bonds	0	0	0	107,740	122,614	98,080	90,617	64,314	63,720	1,065,797	1,612,882
Rock Mining Mitigation Fees	13,201	250	13,451	5,239	0	0	0	0	0	0	18,689
Construction - 2010 Bonds	36,685	0	36,685	0	0	0	0	0	0	0	36,685
Miami Springs Construction Fund	1,018	735	1,753	1,004	2,310	2,008	1,000	0	0	0	8,074
Future Funding	0	0	0	0	0	0	0	0	0	292,428	292,428
W Construction - 2013 Bonds	39,252	0	39,252	0	0	0	0	0	0	0	39,252
WASD Water Commercial Paper - 2015	72,811	0	72,811	0	0	0	0	0	0	0	72,811
Total	391,065	60,479	451,544	199,680	176,668	141,138	132,487	104,314	103,720	1,398,645	2,708,196

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
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN**

WATER PROJECTS

Version 3

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

Fund Description	Prior			Projections								Total
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		
WASD Revenue Bonds Sold	1,478	0	1,478	0	0	0	0	0	0	0	0	1,478
Water Renewal & Replacement Fund	110,658	44,931	155,589	49,594	34,500	34,500	34,500	34,500	34,500	34,500	34,500	412,182
Plant Expansion Fund - Water	2,275	14,142	16,417	34,570	8,197	0	0	0	0	0	0	59,184
State Revolving Loans - Water	7,070	11,708	18,778	3,019	1,048	0	0	0	0	0	0	22,846
Fire Hydrant Fund	34,721	3,500	38,221	3,500	3,500	3,500	3,500	3,500	3,500	3,500	5,921	65,142
General Obligation Bonds	12,716	3,117	15,833	4,609	3,499	2,051	1,870	0	0	0	0	27,862
Water Special Construction Fund	4,900	14,000	18,900	12,781	1,000	1,000	1,000	2,000	2,000	0	0	38,682
Future WASD Revenue Bonds	0	0	0	107,740	122,614	98,080	90,617	64,314	63,720	1,065,797	0	1,612,882
Rock Mining Mitigation Fees	13,201	250	13,451	5,239	0	0	0	0	0	0	0	18,689
Construction - 2010 Bonds	36,685	0	36,685	0	0	0	0	0	0	0	0	36,685
Miami Springs Construction Fund	1,018	735	1,753	1,004	2,310	2,008	1,000	0	0	0	0	8,074
Future Funding	0	0	0	0	0	0	0	0	0	292,428	0	292,428
W Construction - 2013 Bonds	37,052	2,200	39,252	0	0	0	0	0	0	0	0	39,252
WASD Water Commercial Paper - 2015	20,103	52,708	72,811	0	0	0	0	0	0	0	0	72,811
Total	281,878	147,291	429,169	222,055	176,668	141,138	132,487	104,314	103,720	1,398,645	0	2,708,196

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

2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
88,255,684														
REVENUES														
	0	0	0	16,097,036	17,893,929	7,229,946	744,360	4,400,829	9,467,414	28,815,333	84,648,847	Future WASD Revenue Bonds		
	457,046	0	457,046	0	0	0	0	0	0	0	457,046	W Construction - 2013 Bonds		
	3,149,791	0	3,149,791	0	0	0	0	0	0	0	3,149,791	WASD Water Commercial Paper - 2015		
TOTAL	3,606,837	0	3,606,837	16,097,036	17,893,929	7,229,946	744,360	4,400,829	9,467,414	28,815,333	88,255,684			
EXPENDITURES														
	0	0	0	16,097,036	17,893,929	7,229,946	744,360	4,400,829	9,467,414	28,815,333	84,648,847	Future WASD Revenue Bonds		
	457,046	0	457,046	0	0	0	0	0	0	0	457,046	W Construction - 2013 Bonds		
	247,713	2,902,078	3,149,791	0	0	0	0	0	0	0	3,149,791	WASD Water Commercial Paper - 2015		
TOTAL	704,759	2,902,078	3,606,837	16,097,036	17,893,929	7,229,946	744,360	4,400,829	9,467,414	28,815,333	88,255,684			



Miami-Dade Water and Sewer Department

2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
136,124,242														
REVENUES														
	1,534,815	0	1,534,815	0	0	0	0	0	0	0	0	1,534,815	Construction - 2010 Bonds	
	0	0	0	9,448,710	16,541,003	22,548,879	21,790,610	10,612,601	8,637,399	35,000,000	124,579,202	Future WASH Revenue Bonds		
	435,224	0	435,224	0	0	0	0	0	0	0	435,224	W Construction - 2013 Bonds		
	9,575,001	0	9,575,001	0	0	0	0	0	0	0	9,575,001	WASH Water Commercial Paper - 2015		
TOTAL	11,545,040	0	11,545,040	9,448,710	16,541,003	22,548,879	21,790,610	10,612,601	8,637,399	35,000,000	136,124,242			
EXPENDITURES														
	1,534,814	0	1,534,814	0	0	0	0	0	0	0	1,534,814	Construction - 2010 Bonds		
	0	0	0	9,448,710	16,541,003	22,548,879	21,790,610	10,612,601	8,637,399	35,000,000	124,579,202	Future WASH Revenue Bonds		
	435,224	0	435,224	0	0	0	0	0	0	0	435,224	W Construction - 2013 Bonds		
	248,107	9,326,893	9,575,000	0	0	0	0	0	0	0	9,575,000	WASH Water Commercial Paper - 2015		
TOTAL	2,218,146	9,326,893	11,545,039	9,448,710	16,541,003	22,548,879	21,790,610	10,612,601	8,637,399	35,000,000	136,124,241			



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1053. NORTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654031

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
REVENUES	70,259,940												
		0	0	0	11,167,679	16,254,268	4,430,688	1,919,638	1,008,392	0	0	34,780,665	Future WASD Revenue Bonds
		0	7,000,000	7,000,000	25,239,857	0	0	0	0	0	0	32,239,857	Plant Expansion Fund - Water
		1,953,763	0	1,953,763	0	0	0	0	0	0	0	1,953,763	W Construction - 2013 Bonds
		1,285,655	0	1,285,655	0	0	0	0	0	0	0	1,285,655	WASD Water Commercial Paper - 2015
TOTAL		3,239,418	7,000,000	10,239,418	36,407,536	16,254,268	4,430,688	1,919,638	1,008,392	0	0	70,259,940	
EXPENDITURES													
		0	0	0	11,167,679	16,254,268	4,430,688	1,919,638	1,008,392	0	0	34,780,665	Future WASD Revenue Bonds
		0	7,000,000	7,000,000	25,239,857	0	0	0	0	0	0	32,239,857	Plant Expansion Fund - Water
		1,953,763	0	1,953,763	0	0	0	0	0	0	0	1,953,763	W Construction - 2013 Bonds
		452,276	833,379	1,285,655	0	0	0	0	0	0	0	1,285,655	WASD Water Commercial Paper - 2015
TOTAL		2,406,039	7,833,379	10,239,418	36,407,536	16,254,268	4,430,688	1,919,638	1,008,392	0	0	70,259,940	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1054. CENTRAL MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654041

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
REVENUES	66,759,289												
		0	0	0	698,349	2,354,911	3,766,749	6,355,888	10,337,990	12,981,117	30,264,285	66,759,289	Future WSD Revenue Bonds
TOTAL		0	0	0	698,349	2,354,911	3,766,749	6,355,888	10,337,990	12,981,117	30,264,285	66,759,289	
EXPENDITURES													
		0	0	0	698,349	2,354,911	3,766,749	6,355,888	10,337,990	12,981,117	30,264,285	66,759,289	Future WSD Revenue Bonds
TOTAL		0	0	0	698,349	2,354,911	3,766,749	6,355,888	10,337,990	12,981,117	30,264,285	66,759,289	



Miami-Dade Water and Sewer Department

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WATER PROJECTS

1055. SOUTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650021

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
REVENUES	19,514,254												
		0	0	0	1,021,846	1,550,623	4,585,188	2,640,797	3,738,424	977,376	5,000,000	19,514,254	Future WSD Revenue Bonds
TOTAL		0	0	0	1,021,846	1,550,623	4,585,188	2,640,797	3,738,424	977,376	5,000,000	19,514,254	
EXPENDITURES													
		0	0	0	1,021,846	1,550,623	4,585,188	2,640,797	3,738,424	977,376	5,000,000	19,514,254	Future WSD Revenue Bonds
TOTAL		0	0	0	1,021,846	1,550,623	4,585,188	2,640,797	3,738,424	977,376	5,000,000	19,514,254	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1056. WATER MAINS EXTENSION

Commission District(s) Systemwide

OSBM No. 9651051

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
REVENUES	13,681,756												
		6,086,651	595,105	6,681,756	0	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	13,681,756	Water Special Construction Fund
TOTAL		6,086,651	595,105	6,681,756	0	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	13,681,756	
EXPENDITURES													
		4,900,285	1,500,000	6,400,285	281,471	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	13,681,756	Water Special Construction Fund
TOTAL		4,900,285	1,500,000	6,400,285	281,471	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	13,681,756	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
48,478,915													
REVENUES													
	0	0	0	10,992,078	11,451,850	7,639,387	17,039,931	349,582	0	0	47,472,828	Future WASH Revenue Bonds	
	277,317	0	277,317	0	0	0	0	0	0	0	277,317	W Construction - 2013 Bonds	
	728,770	0	728,770	0	0	0	0	0	0	0	728,770	WASH Water Commercial Paper - 2015	
TOTAL	1,006,087	0	1,006,087	10,992,078	11,451,850	7,639,387	17,039,931	349,582	0	0	48,478,915		
EXPENDITURES													
	0	0	0	10,992,078	11,451,850	7,639,387	17,039,931	349,582	0	0	47,472,828	Future WASH Revenue Bonds	
	277,317	0	277,317	0	0	0	0	0	0	0	277,317	W Construction - 2013 Bonds	
	1,335	727,435	728,770	0	0	0	0	0	0	0	728,770	WASH Water Commercial Paper - 2015	
TOTAL	278,652	727,435	1,006,087	10,992,078	11,451,850	7,639,387	17,039,931	349,582	0	0	48,478,915		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
286,755,440													
REVENUES													
	13,130,691	0	13,130,691	0	0	0	0	0	0	0	0	13,130,691	Construction - 2010 Bonds
	0	0	0	24,277,495	17,793,974	22,635,986	12,200,000	6,925,001	4,000,000	81,500,000	169,332,456	Future WASH Revenue Bonds	
	940,196	6,921,628	7,861,824	5,329,811	8,196,712	0	0	0	0	0	21,388,347	Plant Expansion Fund - Water	
	18,103,659	0	18,103,659	0	0	0	0	0	0	0	18,103,659	W Construction - 2013 Bonds	
	1,477,596	0	1,477,596	0	0	0	0	0	0	0	1,477,596	WASH Revenue Bonds Sold	
	16,066,733	0	16,066,733	0	0	0	0	0	0	0	16,066,733	WASH Water Commercial Paper - 2015	
	30,255,958	0	30,255,958	0	0	0	0	0	0	0	30,255,958	Water Renewal & Replacement Fund	
	17,000,000	0	17,000,000	0	0	0	0	0	0	0	17,000,000	Water Special Construction Fund	
TOTAL	96,974,833	6,921,628	103,896,461	29,607,306	25,990,686	22,635,986	12,200,000	6,925,001	4,000,000	81,500,000	286,755,440		



Miami-Dade Water and Sewer Department

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WATER PROJECTS

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1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
EXPENDITURES													
	13,130,692	0	13,130,692	0	0	0	0	0	0	0	0	13,130,692	Construction - 2010 Bonds
	0	0	0	24,277,495	17,793,974	22,635,986	12,200,000	6,925,001	4,000,000	81,500,000	169,332,456	Future WSD Revenue Bonds	
	940,196	6,921,628	7,861,824	5,329,811	8,196,712	0	0	0	0	0	21,388,347	Plant Expansion Fund - Water	
	18,103,659	0	18,103,659	0	0	0	0	0	0	0	18,103,659	W Construction - 2013 Bonds	
	1,477,596	0	1,477,596	0	0	0	0	0	0	0	1,477,596	WSD Revenue Bonds Sold	
	7,735,604	8,331,129	16,066,733	0	0	0	0	0	0	0	16,066,733	WSD Water Commercial Paper - 2015	
	26,955,500	3,300,458	30,255,958	0	0	0	0	0	0	0	30,255,958	Water Renewal & Replacement Fund	
	0	8,000,000	8,000,000	9,000,000	0	0	0	0	0	0	17,000,000	Water Special Construction Fund	
TOTAL	68,343,246	26,553,215	94,896,461	38,607,306	25,990,686	22,635,986	12,200,000	6,925,001	4,000,000	81,500,000	286,755,440		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1063. WATER SYSTEM FIRE HYDRANT INSTALLATION

Commission District(s) Systemwide

OSBM No. 9653461

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
65,141,983													
REVENUES													
	37,141,983	1,079,077	38,221,060	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	65,141,983	Fire Hydrant Fund
TOTAL	37,141,983	1,079,077	38,221,060	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	65,141,983	
EXPENDITURES													
	34,721,060	3,500,000	38,221,060	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	65,141,983	Fire Hydrant Fund
TOTAL	34,721,060	3,500,000	38,221,060	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	65,141,983	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1064. WATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650141

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
232,144,747													
REVENUES													
	52,426	0	52,426	0	0	0	0	0	0	0	0	52,426	Construction - 2010 Bonds
	0	0	0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	151,000,000	160,000,000	Future WASH Revenue Bonds
	27,194,628	5,684,965	32,879,593	5,012,728	5,700,000	5,700,000	5,700,000	5,700,000	5,700,000	5,700,000	5,700,000	72,092,321	Water Renewal & Replacement Fund
TOTAL	27,247,054	5,684,965	32,932,019	6,512,728	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	156,700,000	232,144,747	
EXPENDITURES													
	52,426	0	52,426	0	0	0	0	0	0	0	0	52,426	Construction - 2010 Bonds
	0	0	0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	151,000,000	160,000,000	Future WASH Revenue Bonds
	11,950,157	12,996,077	24,946,234	12,946,087	5,700,000	5,700,000	5,700,000	5,700,000	5,700,000	5,700,000	5,700,000	72,092,321	Water Renewal & Replacement Fund
TOTAL	12,002,584	12,996,077	24,998,661	14,446,087	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	156,700,000	232,144,748	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1065. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 111111

	Prior			Projections							Future	Total	Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
27,861,500														
REVENUES														
	12,715,700	3,117,025	15,832,725	4,609,014	3,499,057	2,050,505	1,870,200	0	0	0	27,861,501	General Obligation Bonds		
TOTAL	12,715,700	3,117,025	15,832,725	4,609,014	3,499,057	2,050,505	1,870,200	0	0	0	27,861,501			
EXPENDITURES														
	12,715,700	3,117,025	15,832,725	4,609,014	3,499,057	2,050,505	1,870,200	0	0	0	27,861,501	General Obligation Bonds		
TOTAL	12,715,700	3,117,025	15,832,725	4,609,014	3,499,057	2,050,505	1,870,200	0	0	0	27,861,501			



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1066. WATER TREATMENT PLANTS REPLACEMENT AND RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650161

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
37,506,243													
REVENUES													
	336,650	0	336,650	0	0	0	0	0	0	0	0	336,650	Construction - 2010 Bonds
	0	0	0	545,104	545,104	0	0	0	0	0	0	1,090,208	Future WASH Revenue Bonds
	2,202,823	0	2,202,823	0	0	0	0	0	0	0	0	2,202,823	W Construction - 2013 Bonds
	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000	WASH Water Commercial Paper - 2015
	10,736,856	0	10,736,856	7,139,706	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,876,562	Water Renewal & Replacement Fund
TOTAL	14,276,329	0	14,276,329	7,684,810	3,045,104	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	37,506,243	
EXPENDITURES													
	336,650	0	336,650	0	0	0	0	0	0	0	0	336,650	Construction - 2010 Bonds
	0	0	0	545,104	545,104	0	0	0	0	0	0	1,090,208	Future WASH Revenue Bonds
	2,823	2,200,000	2,202,823	0	0	0	0	0	0	0	0	2,202,823	W Construction - 2013 Bonds
	0	1,000,000	1,000,000	0	0	0	0	0	0	0	0	1,000,000	WASH Water Commercial Paper - 2015
	6,894,062	2,182,500	9,076,562	8,800,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,876,562	Water Renewal & Replacement Fund
TOTAL	7,233,536	5,382,500	12,616,036	9,345,104	3,045,104	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	37,506,244	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1067. WATER SYSTEM MAINTENANCE AND UPGRADES

Commission District(s) Systemwide

OSBM No. 9650181

	Prior			Projections								Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
REVENUES	166,288,030													
		5,899,917	0	5,899,917	0	0	0	0	0	0	0	5,899,917	Construction - 2010 Bonds	
		17,664,849	15,167,264	32,832,113	19,556,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	160,388,113	Water Renewal & Replacement Fund	
TOTAL		23,564,766	15,167,264	38,732,030	19,556,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	166,288,030		
EXPENDITURES														
		5,899,917	0	5,899,917	0	0	0	0	0	0	0	5,899,917	Construction - 2010 Bonds	
		15,061,613	17,770,500	32,832,113	19,556,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	160,388,113	Water Renewal & Replacement Fund	
TOTAL		20,961,530	17,770,500	38,732,030	19,556,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	166,288,030		



Miami-Dade Water and Sewer Department

2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
REVENUES	2,246,784												
		0	0	0	2,246,784	0	0	0	0	0	0	2,246,784	Future WSD Revenue Bonds
TOTAL		0	0	0	2,246,784	0	0	0	0	0	0	2,246,784	
EXPENDITURES													
		0	0	0	2,246,784	0	0	0	0	0	0	2,246,784	Future WSD Revenue Bonds
TOTAL		0	0	0	2,246,784	0	0	0	0	0	0	2,246,784	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1072. WATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9610960

	Prior			Projections							Future	Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023			
REVENUES	8,474,606												
		0	0	0	143,782	971,130	0	0	0	0	0	1,114,912	Future WASD Revenue Bonds
		2,470,144	0	2,470,144	0	0	0	0	0	0	0	2,470,144	W Construction - 2013 Bonds
		4,509,807	0	4,509,807	0	0	0	0	0	0	0	4,509,807	WASD Water Commercial Paper - 2015
		379,743	0	379,743	0	0	0	0	0	0	0	379,743	Water Renewal & Replacement Fund
TOTAL		7,359,694	0	7,359,694	143,782	971,130	0	0	0	0	0	8,474,606	
EXPENDITURES													
		0	0	0	143,782	971,130	0	0	0	0	0	1,114,912	Future WASD Revenue Bonds
		2,470,144	0	2,470,144	0	0	0	0	0	0	0	2,470,144	W Construction - 2013 Bonds
		4,200,127	309,680	4,509,807	0	0	0	0	0	0	0	4,509,807	WASD Water Commercial Paper - 2015
		379,743	0	379,743	0	0	0	0	0	0	0	379,743	Water Renewal & Replacement Fund
TOTAL		7,050,014	309,680	7,359,694	143,782	971,130	0	0	0	0	0	8,474,606	



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
513,649,166													
REVENUES													
	0	0	0	1,600,431	1,922,692	5,177,985	8,355,858	9,238,750	11,656,472	454,887,051	492,839,239	Future WASD Revenue Bonds	
	13,200,885	250,000	13,450,885	5,238,533	0	0	0	0	0	0	18,689,418	Rock Mining Mitigation Fees	
	2,120,509	0	2,120,509	0	0	0	0	0	0	0	2,120,509	Water Renewal & Replacement Fund	
TOTAL	15,321,394	250,000	15,571,394	6,838,964	1,922,692	5,177,985	8,355,858	9,238,750	11,656,472	454,887,051	513,649,166		
EXPENDITURES													
	0	0	0	1,600,431	1,922,692	5,177,985	8,355,858	9,238,750	11,656,472	454,887,051	492,839,239	Future WASD Revenue Bonds	
	13,200,885	250,000	13,450,885	5,238,533	0	0	0	0	0	0	18,689,418	Rock Mining Mitigation Fees	
	2,120,509	0	2,120,509	0	0	0	0	0	0	0	2,120,509	Water Renewal & Replacement Fund	
TOTAL	15,321,394	250,000	15,571,394	6,838,964	1,922,692	5,177,985	8,355,858	9,238,750	11,656,472	454,887,051	513,649,166		



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
302,176,959													
REVENUES													
	0	0	0	10,751,783	8,950,762	6,000,000	4,000,000	5,000,000	6,500,000	235,730,201	276,932,746	Future WASH Revenue Bonds	
	7,080,258	0	7,080,258	0	0	0	0	0	0	0	7,080,258	W Construction - 2013 Bonds	
	18,163,955	0	18,163,955	0	0	0	0	0	0	0	18,163,955	WASH Water Commercial Paper - 2015	
TOTAL	25,244,213	0	25,244,213	10,751,783	8,950,762	6,000,000	4,000,000	5,000,000	6,500,000	235,730,201	302,176,959		
EXPENDITURES													
	0	0	0	10,751,783	8,950,762	6,000,000	4,000,000	5,000,000	6,500,000	235,730,201	276,932,746	Future WASH Revenue Bonds	
	7,080,258	0	7,080,258	0	0	0	0	0	0	0	7,080,258	W Construction - 2013 Bonds	
	5,845,126	12,318,829	18,163,955	0	0	0	0	0	0	0	18,163,955	WASH Water Commercial Paper - 2015	
TOTAL	12,925,384	12,318,829	25,244,213	10,751,783	8,950,762	6,000,000	4,000,000	5,000,000	6,500,000	235,730,201	302,176,959		



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
REVENUES	3,345,726												
		1,254,160	0	1,254,160	291,566	300,000	300,000	300,000	300,000	300,000	300,000	3,345,726	Water Renewal & Replacement Fund
TOTAL		1,254,160	0	1,254,160	291,566	300,000	300,000	300,000	300,000	300,000	300,000	3,345,726	
EXPENDITURES													
		573,162	680,998	1,254,160	291,566	300,000	300,000	300,000	300,000	300,000	300,000	3,345,726	Water Renewal & Replacement Fund
TOTAL		573,162	680,998	1,254,160	291,566	300,000	300,000	300,000	300,000	300,000	300,000	3,345,726	



Miami-Dade Water and Sewer Department

2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
5,555,338													
REVENUES													
	1,334,904	220,434	1,555,338	4,000,000	0	0	0	0	0	0	0	5,555,338	Plant Expansion Fund - Water
TOTAL	1,334,904	220,434	1,555,338	4,000,000	0	0	0	0	0	0	0	5,555,338	
EXPENDITURES													
	1,334,904	220,434	1,555,338	4,000,000	0	0	0	0	0	0	0	5,555,338	Plant Expansion Fund - Water
TOTAL	1,334,904	220,434	1,555,338	4,000,000	0	0	0	0	0	0	0	5,555,338	



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
8,074,101													
REVENUES													
	1,018,339	734,981	1,753,320	1,003,523	2,309,699	2,007,559	1,000,000	0	0	0	8,074,101	Miami Springs Construction Fund	
TOTAL	1,018,339	734,981	1,753,320	1,003,523	2,309,699	2,007,559	1,000,000	0	0	0	8,074,101		
EXPENDITURES													
	1,018,339	734,981	1,753,320	1,003,523	2,309,699	2,007,559	1,000,000	0	0	0	8,074,101	Miami Springs Construction Fund	
TOTAL	1,018,339	734,981	1,753,320	1,003,523	2,309,699	2,007,559	1,000,000	0	0	0	8,074,101		



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
152,772,881													
REVENUES													
	14,875,793	0	14,875,793	0	0	0	0	0	0	0	0	14,875,793	Construction - 2010 Bonds
	0	0	0	2,974,421	14,272,119	860,663	0	0	0	0	0	18,107,203	Future WASH Revenue Bonds
	12,764	0	12,764	0	0	0	0	0	0	0	0	12,764	W Construction - 2013 Bonds
	1,398,492	0	1,398,492	0	0	0	0	0	0	0	0	1,398,492	WASH Water Commercial Paper - 2015
	46,378,629	8,000,000	54,378,629	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	110,378,629	Water Renewal & Replacement Fund
	8,000,000	0	8,000,000	0	0	0	0	0	0	0	0	8,000,000	Water Special Construction Fund
TOTAL	70,665,678	8,000,000	78,665,678	10,974,421	22,272,119	8,860,663	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	152,772,881	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

1082. WATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 967190

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
EXPENDITURES													
	14,875,793	0	14,875,793	0	0	0	0	0	0	0	0	14,875,793	Construction - 2010 Bonds
	0	0	0	2,974,421	14,272,119	860,663	0	0	0	0	0	18,107,203	Future WASHD Revenue Bonds
	12,764	0	12,764	0	0	0	0	0	0	0	0	12,764	W Construction - 2013 Bonds
	4,674	1,393,818	1,398,492	0	0	0	0	0	0	0	0	1,398,492	WASHD Water Commercial Paper - 2015
	46,378,629	8,000,000	54,378,629	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	110,378,629	Water Renewal & Replacement Fund
	0	4,500,000	4,500,000	3,500,000	0	0	0	0	0	0	0	8,000,000	Water Special Construction Fund
TOTAL	61,271,859	13,893,818	75,165,677	14,474,421	22,272,119	8,860,663	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	152,772,880	



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
453,128,769														
REVENUES														
	855,004	0	855,004	0	0	0	0	0	0	0	0	855,004	Construction - 2010 Bonds	
	0	0	0	0	0	0	0	0	0	0	292,427,509	292,427,509	Future Funding	
	0	0	0	14,274,569	10,612,076	11,704,057	14,070,164	11,202,772	8,000,000	0	43,600,000	113,463,638	Future WASD Revenue Bonds	
	7,070,154	11,708,321	18,778,475	3,019,444	1,048,081	0	0	0	0	0	0	22,846,000	State Revolving Loans - Water	
	6,259,237	0	6,259,237	0	0	0	0	0	0	0	0	6,259,237	W Construction - 2013 Bonds	
	16,932,575	0	16,932,575	0	0	0	0	0	0	0	0	16,932,575	WASD Water Commercial Paper - 2015	
	344,806	0	344,806	0	0	0	0	0	0	0	0	344,806	Water Renewal & Replacement Fund	
TOTAL	31,461,776	11,708,321	43,170,097	17,294,013	11,660,157	11,704,057	14,070,164	11,202,772	8,000,000		336,027,509	453,128,769		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

Version 3

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
EXPENDITURES													
	855,004	0	855,004	0	0	0	0	0	0	0	0	855,004	Construction - 2010 Bonds
	0	0	0	0	0	0	0	0	0	0	292,427,509	292,427,509	Future Funding
	0	0	0	14,274,569	10,612,076	11,704,057	14,070,164	11,202,772	8,000,000	0	43,600,000	113,463,638	Future WASD Revenue Bonds
	7,070,154	11,708,321	18,778,475	3,019,444	1,048,081	0	0	0	0	0	0	22,846,000	State Revolving Loans - Water
	6,259,238	0	6,259,238	0	0	0	0	0	0	0	0	6,259,238	W Construction - 2013 Bonds
	1,368,212	15,564,363	16,932,575	0	0	0	0	0	0	0	0	16,932,575	WASD Water Commercial Paper - 2015
	344,806	0	344,806	0	0	0	0	0	0	0	0	344,806	Water Renewal & Replacement Fund
TOTAL	15,897,414	27,272,684	43,170,098	17,294,013	11,660,157	11,704,057	14,070,164	11,202,772	8,000,000	336,027,509	453,128,770		

Total Revenues:	2,708,196,353	391,064,856	60,478,800	451,543,656	199,680,249	176,667,990	141,137,592	132,487,446	104,314,341	103,719,778	1,398,645,302	2,708,196,354
Total Expenditures:		281,878,008	147,290,526	429,168,534	222,055,373	176,667,990	141,137,592	132,487,446	104,314,341	103,719,778	1,398,645,302	2,708,196,356

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



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
REVENUES	88,255,684												
		0	0	0	16,097,036	17,893,929	7,229,946	744,360	4,400,829	9,467,414	28,815,333	84,648,847	Future WASD Revenue Bonds
		457,046	0	457,046	0	0	0	0	0	0	0	457,046	W Construction - 2013 Bonds
		3,149,791	0	3,149,791	0	0	0	0	0	0	0	3,149,791	WASD Water Commercial Paper - 2015
TOTAL		3,606,837.0	0	3,606,837	16,097,036.0	17,893,929	7,229,946	744,360	4,400,829	9,467,414	28,815,333	88,255,684	
EXPENDITURES													
		0	0	0	16,097,036	17,893,929	7,229,946	744,360	4,400,829	9,467,414	28,815,333	84,648,847	Future WASD Revenue Bonds
		457,046	0	457,046	0	0	0	0	0	0	0	457,046	W Construction - 2013 Bonds
		247,713	2,902,078	3,149,791	0	0	0	0	0	0	0	3,149,791	WASD Water Commercial Paper - 2015
TOTAL		704,759.1	2,902,078	3,606,837	16,097,036.0	17,893,929	7,229,946	744,360	4,400,829	9,467,414	28,815,333	88,255,684	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

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1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

		Prior			Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	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	2,940,204	6,493,372	28,000,000	43,700,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	2,528,437	2,993,627	744,360	2,940,204	6,493,372	28,000,000	43,700,000	
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EXPENDITURES

0	0	0	0	0	2,528,437	2,993,627	744,360	2,940,204	6,493,372	28,000,000	43,700,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	2,528,437	2,993,627	744,360	2,940,204	6,493,372	28,000,000	43,700,000	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.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	11,380,883													
REVENUES														
	0	0	0	1,135,246	7,775,288	762,823	0	0	0	0	0	9,673,357	Future WASD Revenue Bonds	
	143,832	0	143,832	0	0	0	0	0	0	0	0	143,832	W Construction - 2013 Bonds	
	1,563,694	0	1,563,694	0	0	0	0	0	0	0	0	1,563,694	WASD Water Commercial Paper - 2015	
TOTAL	1,707,526	0	1,707,526	1,135,246	7,775,288	762,823	0	0	0	0	0	11,380,883		
EXPENDITURES														
	0	0	0	1,135,246	7,775,288	762,823	0	0	0	0	0	9,673,357	Future WASD Revenue Bonds	
	143,832	0	143,832	0	0	0	0	0	0	0	0	143,832	W Construction - 2013 Bonds	
	75,403	1,488,291	1,563,694	0	0	0	0	0	0	0	0	1,563,694	WASD Water Commercial Paper - 2015	
TOTAL	219,235	1,488,291	1,707,526	1,135,246	7,775,288	762,823	0	0	0	0	0	11,380,883		



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1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	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	293,210	528,850	2,177,940	0	0	0	0	3,000,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	293,210	528,850	2,177,940	0	0	0	0	3,000,000
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EXPENDITURES

0	0	0	293,210	528,850	2,177,940	0	0	0	0	3,000,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	293,210	528,850	2,177,940	0	0	0	0	3,000,000
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Miami-Dade Water and Sewer Department
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1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102106 W HYPOCHLORITE FEED/STORAGE AT PRESTON/HIALEAH WTP													
Commission District(s) 6													
Sub-Project Budget / Estimated	6,800,000												
REVENUES													
	0	0	0	5,346,801	583,719	0	0	0	0	0	0	5,930,520	Future WASD Revenue Bonds
	313,214	0	313,214	0	0	0	0	0	0	0	0	313,214	W Construction - 2013 Bonds
	556,266	0	556,266	0	0	0	0	0	0	0	0	556,266	WASD Water Commercial Paper - 2015
TOTAL	869,480	0	869,480	5,346,801	583,719	0	0	0	0	0	0	6,800,000	
EXPENDITURES													
	0	0	0	5,346,801	583,719	0	0	0	0	0	0	5,930,520	Future WASD Revenue Bonds
	313,214	0	313,214	0	0	0	0	0	0	0	0	313,214	W Construction - 2013 Bonds
	141,778	414,488	556,266	0	0	0	0	0	0	0	0	556,266	WASD Water Commercial Paper - 2015
TOTAL	454,992	414,488	869,480	5,346,801	583,719	0	0	0	0	0	0	6,800,000	



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1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102127 W REPLACEMENT/UPGRADE OF LIME FEED SYSTEM														
Commission District(s) 6														
Sub-Project Budget / Estimated	4,967,243													
REVENUES														
	0	0	0	1,967,243	1,704,444	1,295,556	0	0	0	0	0	4,967,243	Future WASD Revenue Bonds	
	0	0	0	0	0	0	0	0	0	0	0	0	0 WASD Water Commercial Paper - 2015	
TOTAL	0	0	0	1,967,243	1,704,444	1,295,556	0	0	0	0	0	4,967,243		
EXPENDITURES														
	0	0	0	1,967,243	1,704,444	1,295,556	0	0	0	0	0	4,967,243	Future WASD Revenue Bonds	
	0	0	0	0	0	0	0	0	0	0	0	0	0 WASD Water Commercial Paper - 2015	
TOTAL	0	0	0	1,967,243	1,704,444	1,295,556	0	0	0	0	0	4,967,243		



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Commission District(s) 6

OSBM No. 9650041

Prior				Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.102133 W OKEECHOBEE RD PROPERTY ACQUISITION

Commission District(s) 6

Sub-Project Budget / Estimated 2,554,860

REVENUES

0	0	0	2,554,860	0	0	0	0	0	0	0	2,554,860	Future WASD Revenue Bonds
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TOTAL

0	0	0	2,554,860	0	0	0	0	0	0	0	2,554,860
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EXPENDITURES

0	0	0	2,554,860	0	0	0	0	0	0	0	2,554,860	Future WASD Revenue Bonds
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TOTAL

0	0	0	2,554,860	0	0	0	0	0	0	0	2,554,860
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Commission District(s) 6

OSBM No. 9650041

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102134 W PURCHASE OF LAKE PROPERTY ADJACENT TO NORTHWEST WELLFIELD													
Commission District(s) 12													
Sub-Project Budget / Estimated	10,602,698												
REVENUES													
	0	0	0	4,799,676	4,773,191	0	0	0	0	0	0	9,572,867	Future WASD Revenue Bonds
	1,029,831	0	1,029,831	0	0	0	0	0	0	0	0	1,029,831	WASD Water Commercial Paper - 2015
TOTAL	1,029,831	0	1,029,831	4,799,676	4,773,191	0	0	0	0	0	0	10,602,698	
EXPENDITURES													
	0	0	0	4,799,676	4,773,191	0	0	0	0	0	0	9,572,867	Future WASD Revenue Bonds
	30,532	999,299	1,029,831	0	0	0	0	0	0	0	0	1,029,831	WASD Water Commercial Paper - 2015
TOTAL	30,532	999,299	1,029,831	4,799,676	4,773,191	0	0	0	0	0	0	10,602,698	



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1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.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	285,417	464,583	0	750,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	285,417	464,583	0	750,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	285,417	464,583	0	750,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	285,417	464,583	0	750,000	
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.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	489,208	1,010,792	0	1,500,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	489,208	1,010,792	0	1,500,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	489,208	1,010,792	0	1,500,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	489,208	1,010,792	0	1,500,000	
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1050. WATER TREATMENT PLANT - HIALEAH / PRESTON IMPROVEMENTS

Commission District(s) 6

OSBM No. 9650041

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.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	686,000	1,498,667	815,333	3,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	686,000	1,498,667	815,333	3,000,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	686,000	1,498,667	815,333	3,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	686,000	1,498,667	815,333	3,000,000	
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Miami-Dade Water and Sewer Department
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1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
	136,124,242													
REVENUES														
		1,534,815	0	1,534,815	0	0	0	0	0	0	0	1,534,815	Construction - 2010 Bonds	
		0	0	0	9,448,710	16,541,003	22,548,879	21,790,610	10,612,601	8,637,399	35,000,000	124,579,202	Future WASD Revenue Bonds	
		435,224	0	435,224	0	0	0	0	0	0	0	435,224	W Construction - 2013 Bonds	
		9,575,001	0	9,575,001	0	0	0	0	0	0	0	9,575,001	WASD Water Commercial Paper - 2015	
TOTAL		11,545,040.0	0	11,545,040	9,448,710.0	16,541,003	22,548,879	21,790,610	10,612,601	8,637,399	35,000,000	136,124,242		
EXPENDITURES														
		1,534,814	0	1,534,814	0	0	0	0	0	0	0	1,534,814	Construction - 2010 Bonds	
		0	0	0	9,448,710	16,541,003	22,548,879	21,790,610	10,612,601	8,637,399	35,000,000	124,579,202	Future WASD Revenue Bonds	
		435,224	0	435,224	0	0	0	0	0	0	0	435,224	W Construction - 2013 Bonds	
		248,107	9,326,893	9,575,000	0	0	0	0	0	0	0	9,575,000	WASD Water Commercial Paper - 2015	
TOTAL		2,218,146.0	9,326,893	11,545,039	9,448,710.0	16,541,003	22,548,879	21,790,610	10,612,601	8,637,399	35,000,000	136,124,241		



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1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.101577 W ORR WTP - 48" FINISHED WATER LINE (AREA M)												
Commission District(s) 7												
Sub-Project Budget / Estimated 64,470,577												
REVENUES												
	0	0	0	1,954,722	1,739,022	2,211,889	4,793,639	6,834,304	7,165,696	35,000,000	59,699,272	Future WASD Revenue Bonds
	251,839	0	251,839	0	0	0	0	0	0	0	251,839	W Construction - 2013 Bonds
	4,519,466	0	4,519,466	0	0	0	0	0	0	0	4,519,466	WASD Water Commercial Paper - 2015
TOTAL	4,771,305	0	4,771,305	1,954,722	1,739,022	2,211,889	4,793,639	6,834,304	7,165,696	35,000,000	64,470,577	



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Commission District(s) 7

OSBM No. 9650031

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
EXPENDITURES													
	0	0	0	1,954,722	1,739,022	2,211,889	4,793,639	6,834,304	7,165,696	35,000,000	59,699,272	Future WASH Revenue Bonds	
	251,839	0	251,839	0	0	0	0	0	0	0	251,839	W Construction - 2013 Bonds	
	247,935	4,271,531	4,519,466	0	0	0	0	0	0	0	4,519,466	WASH Water Commercial Paper - 2015	
TOTAL	499,774	4,271,531	4,771,305	1,954,722	1,739,022	2,211,889	4,793,639	6,834,304	7,165,696	35,000,000	64,470,577		



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Commission District(s) 7

OSBM No. 9650031

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101579 W ORR WTP - PUMPING UNIT No. 6 HIGH SERVICE PUMP - EAST PUMP ROOM													
Commission District(s) 7													
Sub-Project Budget / Estimated 5,057,282													
REVENUES													
	49,219	0	49,219	0	0	0	0	0	0	0	0	49,219	Construction - 2010 Bonds
	0	0	0	1,009,625	2,530,937	840,562	600,000	0	0	0	0	4,981,124	Future WASD Revenue Bonds
	26,939	0	26,939	0	0	0	0	0	0	0	0	26,939	WASD Water Commercial Paper - 2015
TOTAL	76,158	0	76,158	1,009,625	2,530,937	840,562	600,000	0	0	0	0	5,057,282	
EXPENDITURES													
	49,219	0	49,219	0	0	0	0	0	0	0	0	49,219	Construction - 2010 Bonds
	0	0	0	1,009,625	2,530,937	840,562	600,000	0	0	0	0	4,981,124	Future WASD Revenue Bonds
	0	26,939	26,939	0	0	0	0	0	0	0	0	26,939	WASD Water Commercial Paper - 2015
TOTAL	49,219	26,939	76,158	1,009,625	2,530,937	840,562	600,000	0	0	0	0	5,057,282	



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1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.101694 W ORR WTP - SWITCHGEAR BUILDING AND TRANSFORMER														
Commission District(s) 7														
Sub-Project Budget / Estimated	5,746,307													
REVENUES														
	896,291	0	896,291	0	0	0	0	0	0	0	0	896,291	Construction - 2010 Bonds	
	0	0	0	1,039,319	1,468,948	563,141	0	0	0	0	0	3,071,408	Future WASD Revenue Bonds	
	1,778,608	0	1,778,608	0	0	0	0	0	0	0	0	1,778,608	WASD Water Commercial Paper - 2015	
TOTAL	2,674,899	0	2,674,899	1,039,319	1,468,948	563,141	0	0	0	0	0	5,746,307		
EXPENDITURES														
	896,291	0	896,291	0	0	0	0	0	0	0	0	896,291	Construction - 2010 Bonds	
	0	0	0	1,039,319	1,468,948	563,141	0	0	0	0	0	3,071,408	Future WASD Revenue Bonds	
	0	1,778,608	1,778,608	0	0	0	0	0	0	0	0	1,778,608	WASD Water Commercial Paper - 2015	
TOTAL	896,291	1,778,608	2,674,899	1,039,319	1,468,948	563,141	0	0	0	0	0	5,746,307		



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Commission District(s) 7

OSBM No. 9650031

Prior				Projections								Bond
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Issue

.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	750,000	750,000	374,121	0	0	0	0	1,874,121	Future WASD Revenue Bonds
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TOTAL	0	0	0	750,000	750,000	374,121	0	0	0	0	1,874,121
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EXPENDITURES

0	0	0	750,000	750,000	374,121	0	0	0	0	1,874,121	Future WASD Revenue Bonds
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TOTAL	0	0	0	750,000	750,000	374,121	0	0	0	0	1,874,121
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Commission District(s) 7

OSBM No. 9650031

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101882 W 3 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP													
Commission District(s) 7													
Sub-Project Budget / Estimated		4,483,541											
REVENUES													
		589,305	0	589,305	0	0	0	0	0	0	0	589,305	Construction - 2010 Bonds
		0	0	0	923,012	684,666	0	0	0	0	0	1,607,678	Future WASD Revenue Bonds
		24,812	0	24,812	0	0	0	0	0	0	0	24,812	W Construction - 2013 Bonds
		2,261,746	0	2,261,746	0	0	0	0	0	0	0	2,261,746	WASD Water Commercial Paper - 2015
TOTAL		2,875,863	0	2,875,863	923,012	684,666	0	0	0	0	0	4,483,541	
EXPENDITURES													
		589,305	0	589,305	0	0	0	0	0	0	0	589,305	Construction - 2010 Bonds
		0	0	0	923,012	684,666	0	0	0	0	0	1,607,678	Future WASD Revenue Bonds
		24,812	0	24,812	0	0	0	0	0	0	0	24,812	W Construction - 2013 Bonds
		0	2,261,746	2,261,746	0	0	0	0	0	0	0	2,261,746	WASD Water Commercial Paper - 2015
TOTAL		614,117	2,261,746	2,875,863	923,012	684,666	0	0	0	0	0	4,483,541	



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1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

		Prior			Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	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	200,000	2,250,000	3,550,000	1,000,000	0	7,000,000	Future WASH Revenue Bonds
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TOTAL	0	0	0	0	0	200,000	2,250,000	3,550,000	1,000,000	0	7,000,000	
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EXPENDITURES

0	0	0	0	0	0	200,000	2,250,000	3,550,000	1,000,000	0	7,000,000	Future WASH Revenue Bonds
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TOTAL	0	0	0	0	0	200,000	2,250,000	3,550,000	1,000,000	0	7,000,000	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

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1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.101946 W HYDROTREATOR DRIVES ASSEMBLES AND MOTORS

Commission District(s) 7

Sub-Project Budget / Estimated 1,500,000

REVENUES

	0	0	0	652,618	808,686	38,696	0	0	0	0	1,500,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	652,618	808,686	38,696	0	0	0	0	1,500,000	
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EXPENDITURES

	0	0	0	652,618	808,686	38,696	0	0	0	0	1,500,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	652,618	808,686	38,696	0	0	0	0	1,500,000	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

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1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	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	318,895	750,000	317,121	0	0	0	0	1,386,016	Future WASD Revenue Bonds
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TOTAL	0	0	0	318,895	750,000	317,121	0	0	0	0	1,386,016	
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EXPENDITURES

	0	0	0	318,895	750,000	317,121	0	0	0	0	1,386,016	Future WASD Revenue Bonds
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TOTAL	0	0	0	318,895	750,000	317,121	0	0	0	0	1,386,016	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102107 W HYPOCHLORITE FEED/STORAGE AT ORR WTP													
Commission District(s) 10													
Sub-Project Budget / Estimated 13,467,004													
REVENUES													
		0	0	0	750,000	3,060,734	5,601,261	3,601,261	0	0	0	13,013,256	Future WASD Revenue Bonds
	127,368	0	127,368	0	0	0	0	0	0	0	0	127,368	W Construction - 2013 Bonds
	326,380	0	326,380	0	0	0	0	0	0	0	0	326,380	WASD Water Commercial Paper - 2015
TOTAL	453,748	0	453,748	750,000	3,060,734	5,601,261	3,601,261	0	0	0	13,467,004		
EXPENDITURES													
		0	0	0	750,000	3,060,734	5,601,261	3,601,261	0	0	0	13,013,256	Future WASD Revenue Bonds
	127,368	0	127,368	0	0	0	0	0	0	0	0	127,368	W Construction - 2013 Bonds
	173	326,207	326,380	0	0	0	0	0	0	0	0	326,380	WASD Water Commercial Paper - 2015
TOTAL	127,541	326,207	453,748	750,000	3,060,734	5,601,261	3,601,261	0	0	0	13,467,004		



Miami-Dade Water and Sewer Department
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1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.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	163,465	2,636,537	0	0	0	0	3,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	199,998	163,465	2,636,537	0	0	0	0	3,000,000
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EXPENDITURES

0	0	0	199,998	163,465	2,636,537	0	0	0	0	3,000,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	199,998	163,465	2,636,537	0	0	0	0	3,000,000
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Miami-Dade Water and Sewer Department
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WATER PROJECTS

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1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	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	319,959	832,204	2,007,640	0	0	0	3,200,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	40,197	319,959	832,204	2,007,640	0	0	0	3,200,000
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EXPENDITURES

0	0	0	40,197	319,959	832,204	2,007,640	0	0	0	3,200,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	40,197	319,959	832,204	2,007,640	0	0	0	3,200,000
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Miami-Dade Water and Sewer Department
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1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.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	306,922	1,978,592	1,141,636	0	0	0	3,500,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	72,850	306,922	1,978,592	1,141,636	0	0	0	3,500,000
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EXPENDITURES

0	0	0	72,850	306,922	1,978,592	1,141,636	0	0	0	3,500,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	72,850	306,922	1,978,592	1,141,636	0	0	0	3,500,000
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Miami-Dade Water and Sewer Department
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1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.102167 W A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS

Commission District(s) 7

Sub-Project Budget / Estimated **9,880,939**

REVENUES

0	0	0	737,474	1,457,664	3,454,755	4,231,046	0	0	0	9,880,939	Future WASD Revenue Bonds
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TOTAL

0	0	0	737,474	1,457,664	3,454,755	4,231,046	0	0	0	9,880,939
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EXPENDITURES

0	0	0	737,474	1,457,664	3,454,755	4,231,046	0	0	0	9,880,939	Future WASD Revenue Bonds
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TOTAL

0	0	0	737,474	1,457,664	3,454,755	4,231,046	0	0	0	9,880,939
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Miami-Dade Water and Sewer Department
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1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.102169 W A. ORR WTP PUMP ROOM FOR SOFTENER CLUSTERS 1-8 AND 11-14

Commission District(s) 7

Sub-Project Budget / Estimated 700,000

REVENUES

	0	0	0	0	0	0	0	0	228,297	471,703	0	700,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	228,297	471,703	0	700,000	
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EXPENDITURES

	0	0	0	0	0	0	0	0	228,297	471,703	0	700,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	0	0	0	0	0	228,297	471,703	0	700,000	
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1051. WATER TREATMENT PLANT - ALEXANDER ORR, JR EXPANSION

Commission District(s) 7

OSBM No. 9650031

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	
.102175 W ALEXANDER ORR WATER TESTING LABORATORY												
Commission District(s) 7												
Sub-Project Budget / Estimated	10,858,455											
REVENUES												
	0	0	0	1,000,000	2,500,000	3,500,000	3,165,388	0	0	0	10,165,388	Future WASD Revenue Bonds
	31,205	0	31,205	0	0	0	0	0	0	0	31,205	W Construction - 2013 Bonds
	661,862	0	661,862	0	0	0	0	0	0	0	661,862	WASD Water Commercial Paper - 2015
TOTAL	693,067	0	693,067	1,000,000	2,500,000	3,500,000	3,165,388	0	0	0	10,858,455	
EXPENDITURES												
	0	0	0	1,000,000	2,500,000	3,500,000	3,165,388	0	0	0	10,165,388	Future WASD Revenue Bonds
	31,205	0	31,205	0	0	0	0	0	0	0	31,205	W Construction - 2013 Bonds
	0	661,862	661,862	0	0	0	0	0	0	0	661,862	WASD Water Commercial Paper - 2015
TOTAL	31,205	661,862	693,067	1,000,000	2,500,000	3,500,000	3,165,388	0	0	0	10,858,455	



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WATER PROJECTS

1053. NORTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654031

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
70,259,940														
REVENUES														
		0	0	0	11,167,679	16,254,268	4,430,688	1,919,638	1,008,392	0	0	34,780,665	Future WASD Revenue Bonds	
		0	7,000,000	7,000,000	25,239,857	0	0	0	0	0	0	32,239,857	Plant Expansion Fund - Water	
		1,953,763	0	1,953,763	0	0	0	0	0	0	0	1,953,763	W Construction - 2013 Bonds	
		1,285,655	0	1,285,655	0	0	0	0	0	0	0	1,285,655	WASD Water Commercial Paper - 2015	
TOTAL		3,239,418.0	7,000,000	10,239,418	36,407,536.0	16,254,268	4,430,688	1,919,638	1,008,392	0	0	70,259,940		
EXPENDITURES														
		0	0	0	11,167,679	16,254,268	4,430,688	1,919,638	1,008,392	0	0	34,780,665	Future WASD Revenue Bonds	
		0	7,000,000	7,000,000	25,239,857	0	0	0	0	0	0	32,239,857	Plant Expansion Fund - Water	
		1,953,763	0	1,953,763	0	0	0	0	0	0	0	1,953,763	W Construction - 2013 Bonds	
		452,276	833,379	1,285,655	0	0	0	0	0	0	0	1,285,655	WASD Water Commercial Paper - 2015	
TOTAL		2,406,039.0	7,833,379	10,239,418	36,407,536.0	16,254,268	4,430,688	1,919,638	1,008,392	0	0	70,259,940		



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WATER PROJECTS

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1053. NORTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654031

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.100770 W 36" WM IN GAPS ALONG NW 87 AVE (154 - 186 ST)													
Commission District(s) 12													
Sub-Project Budget / Estimated 2,620,707													
REVENUES													
	1,953,763	0	1,953,763	0	0	0	0	0	0	0	0	1,953,763	W Construction - 2013 Bonds
	666,944	0	666,944	0	0	0	0	0	0	0	0	666,944	WASD Water Commercial Paper - 2015
TOTAL	2,620,707	0	2,620,707	0	0	0	0	0	0	0	0	2,620,707	
EXPENDITURES													
	1,953,763	0	1,953,763	0	0	0	0	0	0	0	0	1,953,763	W Construction - 2013 Bonds
	0	666,944	666,944	0	0	0	0	0	0	0	0	666,944	WASD Water Commercial Paper - 2015
TOTAL	1,953,763	666,944	2,620,707	0	0	0	0	0	0	0	0	2,620,707	



Miami-Dade Water and Sewer Department
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1053. NORTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654031

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101540 W WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A													
Commission District(s) 5													
Sub-Project Budget / Estimated	14,633,409												
REVENUES													
		0	0	0	2,351,576	4,406,498	4,430,688	1,919,638	1,008,392	0	0	14,116,792	Future WASH Revenue Bonds
	516,617		0	516,617	0	0	0	0	0	0	0	516,617	WASH Water Commercial Paper - 2015
TOTAL	516,617	0	0	516,617	2,351,576	4,406,498	4,430,688	1,919,638	1,008,392	0	0	14,633,409	
EXPENDITURES													
		0	0	0	2,351,576	4,406,498	4,430,688	1,919,638	1,008,392	0	0	14,116,792	Future WASH Revenue Bonds
	447,357	69,260		516,617	0	0	0	0	0	0	0	516,617	WASH Water Commercial Paper - 2015
TOTAL	447,357	69,260	0	516,617	2,351,576	4,406,498	4,430,688	1,919,638	1,008,392	0	0	14,633,409	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

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1053. NORTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654031

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102116 W 20-INCH WATER MAIN - BISCAYNE BLVD - AREA L														
Commission District(s) 4														
Sub-Project Budget / Estimated	1,006,054													
REVENUES														
		0	0	0	903,960	0	0	0	0	0	0	0	903,960	Future WASHD Revenue Bonds
		0	0	0	0	0	0	0	0	0	0	0	0	0 W Construction - 2013 Bonds
	102,094	0	0	102,094	0	0	0	0	0	0	0	0	102,094	WASHD Water Commercial Paper - 2015
TOTAL	102,094	0	0	102,094	903,960	0	0	0	0	0	0	0	1,006,054	
EXPENDITURES														
		0	0	0	903,960	0	0	0	0	0	0	0	903,960	Future WASHD Revenue Bonds
		0	0	0	0	0	0	0	0	0	0	0	0	0 W Construction - 2013 Bonds
	4,919	97,175	0	102,094	0	0	0	0	0	0	0	0	102,094	WASHD Water Commercial Paper - 2015
TOTAL	4,919	97,175	0	102,094	903,960	0	0	0	0	0	0	0	1,006,054	



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WATER PROJECTS

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1053. NORTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654031

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102197 W PORT OF MIAMI WATER SUPPLY LINE													
Commission District(s) 5													
Sub-Project Budget / Estimated 51,999,770													
REVENUES													
		0	0	0	7,912,143	11,847,770	0	0	0	0	0	19,759,913	Future WASD Revenue Bonds
		0	7,000,000	7,000,000	25,239,857	0	0	0	0	0	0	32,239,857	Plant Expansion Fund - Water
TOTAL		0	7,000,000	7,000,000	33,152,000	11,847,770	0	0	0	0	0	51,999,770	
EXPENDITURES													
		0	0	0	7,912,143	11,847,770	0	0	0	0	0	19,759,913	Future WASD Revenue Bonds
		0	7,000,000	7,000,000	25,239,857	0	0	0	0	0	0	32,239,857	Plant Expansion Fund - Water
TOTAL		0	7,000,000	7,000,000	33,152,000	11,847,770	0	0	0	0	0	51,999,770	



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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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
	66,759,289												
REVENUES													
		0	0	0	698,349	2,354,911	3,766,749	6,355,888	10,337,990	12,981,117	30,264,285	66,759,289	Future WASH Revenue Bonds
TOTAL		0.0	0	0	698,349.0	2,354,911	3,766,749	6,355,888	10,337,990	12,981,117	30,264,285	66,759,289	
EXPENDITURES													
		0	0	0	698,349	2,354,911	3,766,749	6,355,888	10,337,990	12,981,117	30,264,285	66,759,289	Future WASH Revenue Bonds
TOTAL		0.0	0	0	698,349.0	2,354,911	3,766,749	6,355,888	10,337,990	12,981,117	30,264,285	66,759,289	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

1054. CENTRAL MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654041

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	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	137,017	3,274,485	7,048,998	10,460,500	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	137,017	3,274,485	7,048,998	10,460,500
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EXPENDITURES

0	0	0	0	0	0	0	0	0	137,017	3,274,485	7,048,998	10,460,500	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	137,017	3,274,485	7,048,998	10,460,500
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

1054. CENTRAL MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654041

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.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	1,377,664	1,931,120	2,425,981	3,656,914	4,500,000	17,300,000	31,609,782	Future WASD Revenue Bonds
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TOTAL

0	0	0	418,103	1,377,664	1,931,120	2,425,981	3,656,914	4,500,000	17,300,000	31,609,782
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EXPENDITURES

0	0	0	418,103	1,377,664	1,931,120	2,425,981	3,656,914	4,500,000	17,300,000	31,609,782	Future WASD Revenue Bonds
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TOTAL

0	0	0	418,103	1,377,664	1,931,120	2,425,981	3,656,914	4,500,000	17,300,000	31,609,782
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

1054. CENTRAL MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654041

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.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	484,806	1,315,898	3,355,395	4,696,022	3,000,000	0	13,036,029	Future WASD Revenue Bonds
TOTAL		0	0	0	183,908	484,806	1,315,898	3,355,395	4,696,022	3,000,000	0	13,036,029	
EXPENDITURES													
		0	0	0	183,908	484,806	1,315,898	3,355,395	4,696,022	3,000,000	0	13,036,029	Future WASD Revenue Bonds
TOTAL		0	0	0	183,908	484,806	1,315,898	3,355,395	4,696,022	3,000,000	0	13,036,029	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

1054. CENTRAL MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654041

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			

.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	514,816	1,276,190	2,915,287	4,706,293	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	514,816	1,276,190	2,915,287	4,706,293
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EXPENDITURES

0	0	0	0	0	0	0	0	0	514,816	1,276,190	2,915,287	4,706,293	Future WASD Revenue Bonds
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TOTAL

0	0	0	0	0	0	0	0	0	514,816	1,276,190	2,915,287	4,706,293
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

1054. CENTRAL MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9654041

Prior				Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.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	492,441	519,731	574,512	1,333,221	930,442	3,000,000	6,946,685	Future WASD Revenue Bonds
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TOTAL	0	0	0	96,338	492,441	519,731	574,512	1,333,221	930,442	3,000,000	6,946,685
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EXPENDITURES

0	0	0	96,338	492,441	519,731	574,512	1,333,221	930,442	3,000,000	6,946,685	Future WASD Revenue Bonds
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TOTAL	0	0	0	96,338	492,441	519,731	574,512	1,333,221	930,442	3,000,000	6,946,685
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1055. SOUTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650021

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
	19,514,254												
REVENUES		0	0	0	1,021,846	1,550,623	4,585,188	2,640,797	3,738,424	977,376	5,000,000	19,514,254	Future WSD Revenue Bonds
TOTAL		0.0	0	0	1,021,846.0	1,550,623	4,585,188	2,640,797	3,738,424	977,376	5,000,000	19,514,254	
EXPENDITURES		0	0	0	1,021,846	1,550,623	4,585,188	2,640,797	3,738,424	977,376	5,000,000	19,514,254	Future WSD Revenue Bonds
TOTAL		0.0	0	0	1,021,846.0	1,550,623	4,585,188	2,640,797	3,738,424	977,376	5,000,000	19,514,254	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

1055. SOUTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650021

Prior				Projections									Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		

.102016 W VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)

Commission District(s) 9

Sub-Project Budget / Estimated 5,163,420

REVENUES

0	0	0	774,839	504,489	3,735,428	148,664	0	0	0	5,163,420	Future WASD Revenue Bonds
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TOTAL	0	0	0	774,839	504,489	3,735,428	148,664	0	0	0	5,163,420
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EXPENDITURES

0	0	0	774,839	504,489	3,735,428	148,664	0	0	0	5,163,420	Future WASD Revenue Bonds
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TOTAL	0	0	0	774,839	504,489	3,735,428	148,664	0	0	0	5,163,420
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

1055. SOUTH MIAMI-DADE WATER TRANSMISSION MAINS IMPROVEMENTS

Commission District(s) Systemwide

OSBM No. 9650021

Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.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	247,007	1,046,134	849,760	2,492,133	3,738,424	977,376	5,000,000	14,350,834	Future WASD Revenue Bonds	
TOTAL	0	0	0	247,007	1,046,134	849,760	2,492,133	3,738,424	977,376	5,000,000	14,350,834		
EXPENDITURES													
	0	0	0	247,007	1,046,134	849,760	2,492,133	3,738,424	977,376	5,000,000	14,350,834	Future WASD Revenue Bonds	
TOTAL	0	0	0	247,007	1,046,134	849,760	2,492,133	3,738,424	977,376	5,000,000	14,350,834		



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
REVENUES	13,681,756													
		6,086,651	595,105	6,681,756	0	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	13,681,756	Water Special Construction Fund	
TOTAL		6,086,651.0	595,105	6,681,756	0.0	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	13,681,756		
EXPENDITURES														
		4,900,285	1,500,000	6,400,285	281,471	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	13,681,756	Water Special Construction Fund	
TOTAL		4,900,285.0	1,500,000	6,400,285	281,471.0	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	13,681,756		

.101474 W SPECIAL CONSTRUCTION - WATER IMPROVEMENTS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 13,681,756

REVENUES													
		6,086,651	595,105	6,681,756	0	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	13,681,756	Water Special Construction Fund
TOTAL		6,086,651	595,105	6,681,756	0	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	13,681,756	
EXPENDITURES													
		4,900,285	1,500,000	6,400,285	281,471	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	13,681,756	Water Special Construction Fund
TOTAL		4,900,285	1,500,000	6,400,285	281,471	1,000,000	1,000,000	1,000,000	2,000,000	2,000,000	0	13,681,756	



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
REVENUES	48,478,915													
		0	0	0	10,992,078	11,451,850	7,639,387	17,039,931	349,582	0	0	47,472,828	Future WASD Revenue Bonds	
		277,317	0	277,317	0	0	0	0	0	0	0	277,317	W Construction - 2013 Bonds	
		728,770	0	728,770	0	0	0	0	0	0	0	728,770	WASD Water Commercial Paper - 2015	
TOTAL		1,006,087.0	0	1,006,087	10,992,078.0	11,451,850	7,639,387	17,039,931	349,582	0	0	48,478,915		
EXPENDITURES														
		0	0	0	10,992,078	11,451,850	7,639,387	17,039,931	349,582	0	0	47,472,828	Future WASD Revenue Bonds	
		277,317	0	277,317	0	0	0	0	0	0	0	277,317	W Construction - 2013 Bonds	
		1,335	727,435	728,770	0	0	0	0	0	0	0	728,770	WASD Water Commercial Paper - 2015	
TOTAL		278,652.1	727,435	1,006,087	10,992,078.0	11,451,850	7,639,387	17,039,931	349,582	0	0	48,478,915		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

Version 3

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

Prior				Projections									
Budget/	Prior to	FY	Total	FY	FY	FY	FY	FY	FY	FY	Future	Total	Bond
Estimate Cost	2016 - 2017	2016 - 2017	Prior	2017 - 2018	2018 - 2019	2019 - 2020	2020 - 2021	2021 - 2022	2022 - 2023				Issue

.101084 W MIAMI SERVICE FACILITY - (PHASE 1)

Commission District(s) 3

Sub-Project Budget / Estimated 1,129,735

REVENUES

0	0	0	65,050	129,439	935,246	0	0	0	0	1,129,735	Future WASD Revenue Bonds
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TOTAL

0	0	0	65,050	129,439	935,246	0	0	0	0	1,129,735
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EXPENDITURES

0	0	0	65,050	129,439	935,246	0	0	0	0	1,129,735	Future WASD Revenue Bonds
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TOTAL

0	0	0	65,050	129,439	935,246	0	0	0	0	1,129,735
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.101505 W SOUTH MAINTENANCE CENTER														
Commission District(s) 9														
Sub-Project Budget / Estimated	23,721,660													
REVENUES														
	0	0	0	10,408,209	7,307,364	5,000,000	0	0	0	0	0	22,715,573	Future WASH Revenue Bonds	
	277,317	0	277,317	0	0	0	0	0	0	0	0	277,317	W Construction - 2013 Bonds	
	728,770	0	728,770	0	0	0	0	0	0	0	0	728,770	WASH Water Commercial Paper - 2015	
TOTAL	1,006,087	0	1,006,087	10,408,209	7,307,364	5,000,000	0	0	0	0	0	23,721,660		
EXPENDITURES														
	0	0	0	10,408,209	7,307,364	5,000,000	0	0	0	0	0	22,715,573	Future WASH Revenue Bonds	
	277,317	0	277,317	0	0	0	0	0	0	0	0	277,317	W Construction - 2013 Bonds	
	1,335	727,435	728,770	0	0	0	0	0	0	0	0	728,770	WASH Water Commercial Paper - 2015	
TOTAL	278,652	727,435	1,006,087	10,408,209	7,307,364	5,000,000	0	0	0	0	0	23,721,660		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

Version 3

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101507 W NORTH MAINTENANCE CENTER													
Commission District(s) 1													
Sub-Project Budget / Estimated	10,116,520												
REVENUES													
		0	0	0	142,720	1,294,548	571,488	7,758,182	349,582	0	0	10,116,520	Future WASD Revenue Bonds
TOTAL		0	0	0	142,720	1,294,548	571,488	7,758,182	349,582	0	0	10,116,520	
EXPENDITURES													
		0	0	0	142,720	1,294,548	571,488	7,758,182	349,582	0	0	10,116,520	Future WASD Revenue Bonds
TOTAL		0	0	0	142,720	1,294,548	571,488	7,758,182	349,582	0	0	10,116,520	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

Prior				Projections								Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	

.101547 W MIAMI SERVICE FACILITY (PHASE 2)

Commission District(s) 3

Sub-Project Budget / Estimated 12,211,000

REVENUES

0	0	0	172,268	1,626,151	1,130,832	9,281,749	0	0	0	12,211,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	172,268	1,626,151	1,130,832	9,281,749	0	0	0	12,211,000
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EXPENDITURES

0	0	0	172,268	1,626,151	1,130,832	9,281,749	0	0	0	12,211,000	Future WASD Revenue Bonds
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TOTAL	0	0	0	172,268	1,626,151	1,130,832	9,281,749	0	0	0	12,211,000
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Miami-Dade Water and Sewer Department
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WATER PROJECTS

Version 3

1059. WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Commission District(s) Systemwide

OSBM No. 9650271

Prior				Projections									Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		

.101888 W MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING

Commission District(s) 1

Sub-Project Budget / Estimated 1,300,000

REVENUES

0	0	0	203,831	1,094,348	1,821	0	0	0	0	1,300,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	203,831	1,094,348	1,821	0	0	0	0	1,300,000
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EXPENDITURES

0	0	0	203,831	1,094,348	1,821	0	0	0	0	1,300,000	Future WASD Revenue Bonds
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TOTAL

0	0	0	203,831	1,094,348	1,821	0	0	0	0	1,300,000
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
286,755,440													
REVENUES													
		13,130,691	0	13,130,691	0	0	0	0	0	0	0	13,130,691	Construction - 2010 Bonds
		0	0	0	24,277,495	17,793,974	22,635,986	12,200,000	6,925,001	4,000,000	81,500,000	169,332,456	Future WASD Revenue Bonds
		940,196	6,921,628	7,861,824	5,329,811	8,196,712	0	0	0	0	0	21,388,347	Plant Expansion Fund - Water
		18,103,659	0	18,103,659	0	0	0	0	0	0	0	18,103,659	W Construction - 2013 Bonds
		1,477,596	0	1,477,596	0	0	0	0	0	0	0	1,477,596	WASD Revenue Bonds Sold
		16,066,733	0	16,066,733	0	0	0	0	0	0	0	16,066,733	WASD Water Commercial Paper - 2015
		30,255,958	0	30,255,958	0	0	0	0	0	0	0	30,255,958	Water Renewal & Replacement Fund
		17,000,000	0	17,000,000	0	0	0	0	0	0	0	17,000,000	Water Special Construction Fund
TOTAL		96,974,832.6	6,921,628	103,896,461	29,607,306.0	25,990,686	22,635,986	12,200,000	6,925,001	4,000,000	81,500,000	286,755,440	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		13,130,692	0	13,130,692	0	0	0	0	0	0	0	13,130,692	Construction - 2010 Bonds
		0	0	0	24,277,495	17,793,974	22,635,986	12,200,000	6,925,001	4,000,000	81,500,000	169,332,456	Future WASD Revenue Bonds
		940,196	6,921,628	7,861,824	5,329,811	8,196,712	0	0	0	0	0	21,388,347	Plant Expansion Fund - Water
		18,103,659	0	18,103,659	0	0	0	0	0	0	0	18,103,659	W Construction - 2013 Bonds
		1,477,596	0	1,477,596	0	0	0	0	0	0	0	1,477,596	WASD Revenue Bonds Sold
		7,735,604	8,331,129	16,066,733	0	0	0	0	0	0	0	16,066,733	WASD Water Commercial Paper - 2015
		26,955,500	3,300,458	30,255,958	0	0	0	0	0	0	0	30,255,958	Water Renewal & Replacement Fund
		0	8,000,000	8,000,000	9,000,000	0	0	0	0	0	0	17,000,000	Water Special Construction Fund
TOTAL		68,343,245.9	26,553,215	94,896,461	38,607,306.0	25,990,686	22,635,986	12,200,000	6,925,001	4,000,000	81,500,000	286,755,440	



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Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.100786 W WATER DISTRIBUTION SYSTEM EXTENSION													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 12,262,570													
REVENUES													
	787,236	0	787,236	0	0	0	0	0	0	0	0	787,236	Construction - 2010 Bonds
	0	0	0	3,448,778	2,590,740	2,465,814	0	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
	0	0	0	0	0	0	0	0	0	0	0	0	WASD Water Commercial Paper - 2015
	2,966,743	0	2,966,743	0	0	0	0	0	0	0	0	2,966,743	Water Renewal & Replacement Fund
TOTAL	3,757,238	0	3,757,238	3,448,778	2,590,740	2,465,814	0	0	0	0	0	12,262,570	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		787,236	0	787,236	0	0	0	0	0	0	0	787,236	Construction - 2010 Bonds
		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	3,259	W Construction - 2013 Bonds
		0	0	0	0	0	0	0	0	0	0	0	0 WASD Water Commercial Paper - 2015
		2,147,743	819,000	2,966,743	0	0	0	0	0	0	0	2,966,743	Water Renewal & Replacement Fund
TOTAL		2,938,238	819,000	3,757,238	3,448,778	2,590,740	2,465,814	0	0	0	0	12,262,570	



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Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.101734 W WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA's													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	77,702,139												
REVENUES													
	12,051,766	0	12,051,766	0	0	0	0	0	0	0	0	12,051,766	Construction - 2010 Bonds
	0	0	0	4,644,000	0	0	0	0	0	0	0	4,644,000	Future WASH Revenue Bonds
	13,008,205	0	13,008,205	0	0	0	0	0	0	0	0	13,008,205	W Construction - 2013 Bonds
	3,708,953	0	3,708,953	0	0	0	0	0	0	0	0	3,708,953	WASH Water Commercial Paper - 2015
	27,289,215	0	27,289,215	0	0	0	0	0	0	0	0	27,289,215	Water Renewal & Replacement Fund
	17,000,000	0	17,000,000	0	0	0	0	0	0	0	0	17,000,000	Water Special Construction Fund
TOTAL	73,058,139	0	73,058,139	4,644,000	0	0	0	0	0	0	0	77,702,139	



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
EXPENDITURES														
		12,051,766	0	12,051,766	0	0	0	0	0	0	0	0	12,051,766	Construction - 2010 Bonds
		0	0	0	4,644,000	0	0	0	0	0	0	0	4,644,000	Future WASD Revenue Bonds
		13,008,205	0	13,008,205	0	0	0	0	0	0	0	0	13,008,205	W Construction - 2013 Bonds
		1,708,953	2,000,000	3,708,953	0	0	0	0	0	0	0	0	3,708,953	WASD Water Commercial Paper - 2015
		24,807,757	2,481,458	27,289,215	0	0	0	0	0	0	0	0	27,289,215	Water Renewal & Replacement Fund
		0	8,000,000	8,000,000	9,000,000	0	0	0	0	0	0	0	17,000,000	Water Special Construction Fund
TOTAL		51,576,681	12,481,458	64,058,139	13,644,000	0	0	0	0	0	0	0	77,702,139	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101771 W SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 1													
Commission District(s) 9													
Sub-Project Budget / Estimated	14,516,733												
REVENUES													
	0	0	0	0	0	4,521,286	1,000,000	0	0	0	0	5,521,286	Future WASD Revenue Bonds
	379,801	964,234	1,344,035	1,778,801	5,872,611	0	0	0	0	0	0	8,995,447	Plant Expansion Fund - Water
TOTAL	379,801	964,234	1,344,035	1,778,801	5,872,611	4,521,286	1,000,000	0	0	0	0	14,516,733	
EXPENDITURES													
	0	0	0	0	0	4,521,286	1,000,000	0	0	0	0	5,521,286	Future WASD Revenue Bonds
	379,801	964,234	1,344,035	1,778,801	5,872,611	0	0	0	0	0	0	8,995,447	Plant Expansion Fund - Water
TOTAL	379,801	964,234	1,344,035	1,778,801	5,872,611	4,521,286	1,000,000	0	0	0	0	14,516,733	



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Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.101772 W SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 2													
Commission District(s) 9													
Sub-Project Budget / Estimated 24,654,508													
REVENUES													
	0	0	0	0	6,754,721	5,975,000	5,500,000	3,925,001	0	0	22,154,722	Future WASD Revenue Bonds	
	308,284	398,175	706,459	1,793,327	0	0	0	0	0	0	2,499,786	Plant Expansion Fund - Water	
TOTAL	308,284	398,175	706,459	1,793,327	6,754,721	5,975,000	5,500,000	3,925,001	0	0	24,654,508		
EXPENDITURES													
	0	0	0	0	6,754,721	5,975,000	5,500,000	3,925,001	0	0	22,154,722	Future WASD Revenue Bonds	
	308,284	398,175	706,459	1,793,327	0	0	0	0	0	0	2,499,786	Plant Expansion Fund - Water	
TOTAL	308,284	398,175	706,459	1,793,327	6,754,721	5,975,000	5,500,000	3,925,001	0	0	24,654,508		



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Budget/ Estimate Cost	Prior			Projections							Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.101773 W SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS HOMESTEAD EAST													
Commission District(s) 9													
Sub-Project Budget / Estimated	17,861,325												
REVENUES													
	0	0	0	0	4,228,328	5,565,393	3,700,000	0	0	0	0	13,493,721	Future WASD Revenue Bonds
	252,111	33,709	285,820	1,757,683	2,324,101	0	0	0	0	0	0	4,367,604	Plant Expansion Fund - Water
TOTAL	252,111	33,709	285,820	1,757,683	6,552,429	5,565,393	3,700,000	0	0	0	0	17,861,325	
EXPENDITURES													
	0	0	0	0	4,228,328	5,565,393	3,700,000	0	0	0	0	13,493,721	Future WASD Revenue Bonds
	252,111	33,709	285,820	1,757,683	2,324,101	0	0	0	0	0	0	4,367,604	Plant Expansion Fund - Water
TOTAL	252,111	33,709	285,820	1,757,683	6,552,429	5,565,393	3,700,000	0	0	0	0	17,861,325	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.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	3,121,809												
REVENUES													
	201,664	0	201,664	0	0	0	0	0	0	0	0	201,664	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
	1,442,549	0	1,442,549	0	0	0	0	0	0	0	0	1,442,549	WASD Water Commercial Paper - 2015
TOTAL	3,121,809	0	3,121,809	0	0	0	0	0	0	0	0	3,121,809	
EXPENDITURES													
	201,664	0	201,664	0	0	0	0	0	0	0	0	201,664	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
	922,273	520,276	1,442,549	0	0	0	0	0	0	0	0	1,442,549	WASD Water Commercial Paper - 2015
TOTAL	2,601,533	520,276	3,121,809	0	0	0	0	0	0	0	0	3,121,809	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101843 W NEW NORTH DADE 16 INCH TRANSMISSION MAIN													
Commission District(s) 1													
Sub-Project Budget / Estimated	3,726,109												
REVENUES													
	289,761	0	289,761	0	0	0	0	0	0	0	0	289,761	Construction - 2010 Bonds
	253,969	0	253,969	0	0	0	0	0	0	0	0	253,969	W Construction - 2013 Bonds
	3,182,379	0	3,182,379	0	0	0	0	0	0	0	0	3,182,379	WASD Water Commercial Paper - 2015
TOTAL	3,726,109	0	3,726,109	0	0	0	0	0	0	0	0	3,726,109	
EXPENDITURES													
	289,761	0	289,761	0	0	0	0	0	0	0	0	289,761	Construction - 2010 Bonds
	253,969	0	253,969	0	0	0	0	0	0	0	0	253,969	W Construction - 2013 Bonds
	1,211,631	1,970,748	3,182,379	0	0	0	0	0	0	0	0	3,182,379	WASD Water Commercial Paper - 2015
TOTAL	1,755,361	1,970,748	3,726,109	0	0	0	0	0	0	0	0	3,726,109	



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	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.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		18,634,941											
REVENUES													
		1,928	0	1,928	0	0	0	0	0	0	0	1,928	Construction - 2010 Bonds
		0	0	0	3,000,000	0	0	0	0	0	0	3,000,000	Future WASH Revenue Bonds
		0	3,466,459	3,466,459	0	0	0	0	0	0	0	3,466,459	Plant Expansion Fund - Water
		4,636,562	0	4,636,562	0	0	0	0	0	0	0	4,636,562	W Construction - 2013 Bonds
		7,529,992	0	7,529,992	0	0	0	0	0	0	0	7,529,992	WASH Water Commercial Paper - 2015
TOTAL		12,168,482	3,466,459	15,634,941	3,000,000	0	0	0	0	0	0	18,634,941	



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Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
	1,928	0	1,928	0	0	0	0	0	0	0	0	1,928	Construction - 2010 Bonds
	0	0	0	3,000,000	0	0	0	0	0	0	0	3,000,000	Future WASH Revenue Bonds
	0	3,466,459	3,466,459	0	0	0	0	0	0	0	0	3,466,459	Plant Expansion Fund - Water
	4,636,562	0	4,636,562	0	0	0	0	0	0	0	0	4,636,562	W Construction - 2013 Bonds
	3,889,887	3,640,105	7,529,992	0	0	0	0	0	0	0	0	7,529,992	WASH Water Commercial Paper - 2015
TOTAL	8,528,378	7,106,564	15,634,942	3,000,000	0	0	0	0	0	0	0	18,634,942	

.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	329,538	2,532,488	2,000,000	0	0	0	0	0	4,862,026	Future WASH Revenue Bonds
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TOTAL	0	0	0	329,538	2,532,488	2,000,000	0	0	0	0	0	4,862,026	
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EXPENDITURES

	0	0	0	329,538	2,532,488	2,000,000	0	0	0	0	0	4,862,026	Future WASH Revenue Bonds
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TOTAL	0	0	0	329,538	2,532,488	2,000,000	0	0	0	0	0	4,862,026	
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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102123 W TWO 5 MG STORAGE TANKS AND PUMP STATION														
Commission District(s) 12														
Sub-Project Budget / Estimated 1,694,276														
REVENUES														
		0	0	0	1,000,000	491,416	0	0	0	0	0	1,491,416	Future WASD Revenue Bonds	
	202,860	0	202,860	0	0	0	0	0	0	0	0	202,860	WASD Water Commercial Paper - 2015	
TOTAL	202,860	0	202,860	1,000,000	491,416	0	0	0	0	0	0	1,694,276		
EXPENDITURES														
		0	0	0	1,000,000	491,416	0	0	0	0	0	1,491,416	Future WASD Revenue Bonds	
	2,860	200,000	202,860	0	0	0	0	0	0	0	0	202,860	WASD Water Commercial Paper - 2015	
TOTAL	2,860	200,000	202,860	1,000,000	491,416	0	0	0	0	0	0	1,694,276		



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	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102140 W FURNISH AND INSTALL 48-INCH WATER MAIN IN SW 117 AVE, SW 72 ST, SW 127 AVE FROM SW 68 ST. TO SW 152 ST. (AREA N)														
Commission District(s) 7,8,9,10,11														
Sub-Project Budget / Estimated 98,904,737														
REVENUES														
		0	0	0	3,040,912	1,196,281	2,108,493	2,000,000	3,000,000	4,000,000	81,500,000	96,845,686	Future WASD Revenue Bonds	
		0	2,059,051	2,059,051	0	0	0	0	0	0	0	2,059,051	Plant Expansion Fund - Water	
TOTAL		0	2,059,051	2,059,051	3,040,912	1,196,281	2,108,493	2,000,000	3,000,000	4,000,000	81,500,000	98,904,737		
EXPENDITURES														
		0	0	0	3,040,912	1,196,281	2,108,493	2,000,000	3,000,000	4,000,000	81,500,000	96,845,686	Future WASD Revenue Bonds	
		0	2,059,051	2,059,051	0	0	0	0	0	0	0	2,059,051	Plant Expansion Fund - Water	
TOTAL		0	2,059,051	2,059,051	3,040,912	1,196,281	2,108,493	2,000,000	3,000,000	4,000,000	81,500,000	98,904,737		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

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1060. WATER DISTRIBUTION SYSTEM EXTENSION ENHANCEMENTS

Commission District(s) Systemwide

OSBM No. 9653311

Prior				Projections								Bond
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Issue

.102196 W LONG TERM PARKING FOR WATER DISTRIBUTION EMPLOYEES

Commission District(s) 3

Sub-Project Budget / Estimated 8,814,267

REVENUES

0	0	0	8,814,267	0	0	0	0	0	0	0	8,814,267	Future WASH Revenue Bonds
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TOTAL

0	0	0	8,814,267	0	0	0	0	0	0	0	8,814,267
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EXPENDITURES

0	0	0	8,814,267	0	0	0	0	0	0	0	8,814,267	Future WASH Revenue Bonds
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TOTAL

0	0	0	8,814,267	0	0	0	0	0	0	0	8,814,267
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Miami-Dade Water and Sewer Department
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WATER PROJECTS

1063. WATER SYSTEM FIRE HYDRANT INSTALLATION

Commission District(s) Systemwide

OSBM No. 9653461

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
65,141,983													
REVENUES													
		37,141,983	1,079,077	38,221,060	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	65,141,983	Fire Hydrant Fund
TOTAL		37,141,983.0	1,079,077	38,221,060	3,500,000.0	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	65,141,983	
EXPENDITURES													
		34,721,060	3,500,000	38,221,060	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	65,141,983	Fire Hydrant Fund
TOTAL		34,721,060.0	3,500,000	38,221,060	3,500,000.0	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	65,141,983	

.100789 W FIRE HYDRANT INSTALLATION AND RELATED SYSTEM BETTERMENTS

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **65,141,983**

REVENUES													
		37,141,983	1,079,077	38,221,060	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	65,141,983	Fire Hydrant Fund
TOTAL		37,141,983	1,079,077	38,221,060	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	65,141,983	
EXPENDITURES													
		34,721,060	3,500,000	38,221,060	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	65,141,983	Fire Hydrant Fund
TOTAL		34,721,060	3,500,000	38,221,060	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	5,920,923	65,141,983	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1064. WATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650141

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
	232,144,747												
REVENUES													
		52,426	0	52,426	0	0	0	0	0	0	0	52,426	Construction - 2010 Bonds
		0	0	0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	151,000,000	160,000,000	Future WASHD Revenue Bonds
		27,194,628	5,684,965	32,879,593	5,012,728	5,700,000	5,700,000	5,700,000	5,700,000	5,700,000	5,700,000	72,092,321	Water Renewal & Replacement Fund
TOTAL		27,247,054.0	5,684,965	32,932,019	6,512,728.0	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	156,700,000	232,144,747	
EXPENDITURES													
		52,426	0	52,426	0	0	0	0	0	0	0	52,426	Construction - 2010 Bonds
		0	0	0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	151,000,000	160,000,000	Future WASHD Revenue Bonds
		11,950,157	12,996,077	24,946,234	12,946,087	5,700,000	5,700,000	5,700,000	5,700,000	5,700,000	5,700,000	72,092,321	Water Renewal & Replacement Fund
TOTAL		12,002,583.9	12,996,077	24,998,661	14,446,087.0	7,200,000	7,200,000	7,200,000	7,200,000	7,200,000	156,700,000	232,144,748	



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WATER PROJECTS

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1064. WATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650141

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.100790 W MISCELLANEOUS TOOLS AND EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		27,226,842											
REVENUES													
	52,426	0	52,426	0	0	0	0	0	0	0	0	52,426	Construction - 2010 Bonds
	11,961,688	0	11,961,688	5,012,728	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	27,174,416	Water Renewal & Replacement Fund
TOTAL	12,014,114	0	12,014,114	5,012,728	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	27,226,842	
EXPENDITURES													
	52,426	0	52,426	0	0	0	0	0	0	0	0	52,426	Construction - 2010 Bonds
	8,146,538	3,815,150	11,961,688	5,012,728	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	27,174,416	Water Renewal & Replacement Fund
TOTAL	8,198,964	3,815,150	12,014,114	5,012,728	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	27,226,842	



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1064. WATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650141

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101724 W HEAVY CONSTRUCTION EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	23,585,654												
REVENUES													
	5,900,689	5,684,965	11,585,654	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	23,585,654	Water Renewal & Replacement Fund
TOTAL	5,900,689	5,684,965	11,585,654	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	23,585,654	
EXPENDITURES													
	2,473,447	5,842,032	8,315,479	3,270,175	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	23,585,654	Water Renewal & Replacement Fund
TOTAL	2,473,447	5,842,032	8,315,479	3,270,175	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	23,585,654	
.101725 W VEHICLES/TRANSPORTATION EQUIPMENT													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	21,001,720												
REVENUES													
	9,001,720	0	9,001,720	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	21,001,720	Water Renewal & Replacement Fund
TOTAL	9,001,720	0	9,001,720	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	21,001,720	
EXPENDITURES													
	1,119,874	3,218,662	4,338,536	4,663,184	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	21,001,720	Water Renewal & Replacement Fund
TOTAL	1,119,874	3,218,662	4,338,536	4,663,184	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	21,001,720	



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1064. WATER EQUIPMENT AND VEHICLES

Commission District(s) Systemwide

OSBM No. 9650141

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102027 W AUTOMATED METER READING (AMR)													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 160,330,531													
REVENUES													
		0	0	0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	151,000,000	160,000,000	Future WASD Revenue Bonds
	330,531	0	330,531	0	0	0	0	0	0	0	0	330,531	Water Renewal & Replacement Fund
TOTAL	330,531	0	330,531	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	151,000,000	160,330,531	
EXPENDITURES													
		0	0	0	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	151,000,000	160,000,000	Future WASD Revenue Bonds
	210,298	120,233	330,531	0	0	0	0	0	0	0	0	330,531	Water Renewal & Replacement Fund
TOTAL	210,298	120,233	330,531	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	151,000,000	160,330,531	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1065. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 111111

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
27,861,500													
REVENUES													
		12,715,700	3,117,025	15,832,725	4,609,014	3,499,057	2,050,505	1,870,200	0	0	0	27,861,501	General Obligation Bonds
TOTAL		12,715,700.0	3,117,025	15,832,725	4,609,014.0	3,499,057	2,050,505	1,870,200	0	0	0	27,861,501	
EXPENDITURES													
		12,715,700	3,117,025	15,832,725	4,609,014	3,499,057	2,050,505	1,870,200	0	0	0	27,861,501	General Obligation Bonds
TOTAL		12,715,700.0	3,117,025	15,832,725	4,609,014.0	3,499,057	2,050,505	1,870,200	0	0	0	27,861,501	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

Version 3

1065. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 111111

	Prior			Projections								Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	
.101592 W NW 37TH AVENUE - WATER MAINS IMPROVEMENTS NORTH OF 12 ST.												
Commission District(s) 9												
Sub-Project Budget / Estimated	5,110,500											
REVENUES												
	1,465,500	484,500	1,950,000	491,000	613,500	859,000	1,197,000	0	0	0	5,110,500	General Obligation Bonds
TOTAL	1,465,500	484,500	1,950,000	491,000	613,500	859,000	1,197,000	0	0	0	5,110,500	
EXPENDITURES												
	1,465,500	484,500	1,950,000	491,000	613,500	859,000	1,197,000	0	0	0	5,110,500	General Obligation Bonds
TOTAL	1,465,500	484,500	1,950,000	491,000	613,500	859,000	1,197,000	0	0	0	5,110,500	
.101601 W WATER DISTRIBUTION SYSTEM ENHANCEMENTS												
Commission District(s) COUNTYWIDE												
Sub-Project Budget / Estimated	8,635,000											
REVENUES												
	5,155,000	492,525	5,647,525	875,614	969,557	692,305	450,000	0	0	0	8,635,001	General Obligation Bonds
TOTAL	5,155,000	492,525	5,647,525	875,614	969,557	692,305	450,000	0	0	0	8,635,001	
EXPENDITURES												
	5,155,000	492,525	5,647,525	875,614	969,557	692,305	450,000	0	0	0	8,635,001	General Obligation Bonds
TOTAL	5,155,000	492,525	5,647,525	875,614	969,557	692,305	450,000	0	0	0	8,635,001	



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1065. GENERAL OBLIGATION BOND (GOB)

Commission District(s) Systemwide

OSBM No. 111111

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total			
.101602 W WATER DISTRIBUTION SYSTEM NEEDS ASSESSMENT														
Commission District(s) COUNTYWIDE														
Sub-Project Budget / Estimated		14,116,000												
REVENUES														
	6,095,200	2,140,000	8,235,200	3,242,400	1,916,000	499,200	223,200	0	0	0	14,116,000	General Obligation Bonds		
TOTAL	6,095,200	2,140,000	8,235,200	3,242,400	1,916,000	499,200	223,200	0	0	0	14,116,000			
EXPENDITURES														
	6,095,200	2,140,000	8,235,200	3,242,400	1,916,000	499,200	223,200	0	0	0	14,116,000	General Obligation Bonds		
TOTAL	6,095,200	2,140,000	8,235,200	3,242,400	1,916,000	499,200	223,200	0	0	0	14,116,000			



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1066. WATER TREATMENT PLANTS REPLACEMENT AND RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650161

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
	37,506,243												
REVENUES													
		336,650	0	336,650	0	0	0	0	0	0	0	336,650	Construction - 2010 Bonds
		0	0	0	545,104	545,104	0	0	0	0	0	1,090,208	Future WASD Revenue Bonds
		2,202,823	0	2,202,823	0	0	0	0	0	0	0	2,202,823	W Construction - 2013 Bonds
		1,000,000	0	1,000,000	0	0	0	0	0	0	0	1,000,000	WASD Water Commercial Paper - 2015
		10,736,856	0	10,736,856	7,139,706	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,876,562	Water Renewal & Replacement Fund
TOTAL		14,276,329.0	0	14,276,329	7,684,810.0	3,045,104	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	37,506,243	
EXPENDITURES													
		336,650	0	336,650	0	0	0	0	0	0	0	336,650	Construction - 2010 Bonds
		0	0	0	545,104	545,104	0	0	0	0	0	1,090,208	Future WASD Revenue Bonds
		2,823	2,200,000	2,202,823	0	0	0	0	0	0	0	2,202,823	W Construction - 2013 Bonds
		0	1,000,000	1,000,000	0	0	0	0	0	0	0	1,000,000	WASD Water Commercial Paper - 2015
		6,894,062	2,182,500	9,076,562	8,800,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	32,876,562	Water Renewal & Replacement Fund
TOTAL		7,233,535.5	5,382,500	12,616,036	9,345,104.0	3,045,104	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	37,506,244	



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1066. WATER TREATMENT PLANTS REPLACEMENT AND RENOVATIONS

Commission District(s) Systemwide

OSBM No. 9650161

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.100792 W WATER PLANTS REHABILITATION													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 23,397,839													
REVENUES													
		336,650	0	336,650	0	0	0	0	0	0	0	336,650	Construction - 2010 Bonds
		2,823	0	2,823	0	0	0	0	0	0	0	2,823	W Construction - 2013 Bonds
		8,140,866	0	8,140,866	5,917,500	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	23,058,366	Water Renewal & Replacement Fund
TOTAL		8,480,339	0	8,480,339	5,917,500	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	23,397,839	
EXPENDITURES													
		336,650	0	336,650	0	0	0	0	0	0	0	336,650	Construction - 2010 Bonds
		2,823	0	2,823	0	0	0	0	0	0	0	2,823	W Construction - 2013 Bonds
		6,313,366	1,827,500	8,140,866	5,917,500	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	23,058,366	Water Renewal & Replacement Fund
TOTAL		6,652,840	1,827,500	8,480,340	5,917,500	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	23,397,840	



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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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.101714 W SECURITY PROJECTS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated 14,108,404													
REVENUES													
	0	0	0	545,104	545,104	0	0	0	0	0	0	1,090,208	Future WASH Revenue Bonds
	2,200,000	0	2,200,000	0	0	0	0	0	0	0	0	2,200,000	W Construction - 2013 Bonds
	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000	WASH Water Commercial Paper - 2015
	2,595,990	0	2,595,990	1,222,206	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	9,818,196	Water Renewal & Replacement Fund
TOTAL	5,795,990	0	5,795,990	1,767,310	1,545,104	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	14,108,404	
EXPENDITURES													
	0	0	0	545,104	545,104	0	0	0	0	0	0	1,090,208	Future WASH Revenue Bonds
	0	2,200,000	2,200,000	0	0	0	0	0	0	0	0	2,200,000	W Construction - 2013 Bonds
	0	1,000,000	1,000,000	0	0	0	0	0	0	0	0	1,000,000	WASH Water Commercial Paper - 2015
	580,696	355,000	935,696	2,882,500	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	9,818,196	Water Renewal & Replacement Fund
TOTAL	580,696	3,555,000	4,135,696	3,427,604	1,545,104	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	14,108,404	



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
166,288,030													
REVENUES													
		5,899,917	0	5,899,917	0	0	0	0	0	0	0	5,899,917	Construction - 2010 Bonds
		17,664,849	15,167,264	32,832,113	19,556,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	160,388,113	Water Renewal & Replacement Fund
TOTAL		23,564,766.0	15,167,264	38,732,030	19,556,000.0	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	166,288,030	
EXPENDITURES													
		5,899,917	0	5,899,917	0	0	0	0	0	0	0	5,899,917	Construction - 2010 Bonds
		15,061,613	17,770,500	32,832,113	19,556,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	160,388,113	Water Renewal & Replacement Fund
TOTAL		20,961,530.1	17,770,500	38,732,030	19,556,000.0	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	166,288,030	

.100793 W WATER SYSTEM UPGRADES

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated 166,288,030

REVENUES													
		5,899,917	0	5,899,917	0	0	0	0	0	0	0	5,899,917	Construction - 2010 Bonds
		17,664,849	15,167,264	32,832,113	19,556,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	160,388,113	Water Renewal & Replacement Fund
TOTAL		23,564,766	15,167,264	38,732,030	19,556,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	166,288,030	
EXPENDITURES													
		5,899,917	0	5,899,917	0	0	0	0	0	0	0	5,899,917	Construction - 2010 Bonds
		15,061,613	17,770,500	32,832,113	19,556,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	160,388,113	Water Renewal & Replacement Fund
TOTAL		20,961,530	17,770,500	38,732,030	19,556,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000	166,288,030	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1070. AUTOMATION OF WATER TREATMENT PLANTS

Commission District(s) Systemwide

OSBM No. 963110

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
	2,246,784													
REVENUES														
		0	0	0	2,246,784	0	0	0	0	0	0	2,246,784	Future WASD Revenue Bonds	
TOTAL		0.0	0	0	2,246,784.0	0	0	0	0	0	0	2,246,784		
EXPENDITURES														
		0	0	0	2,246,784	0	0	0	0	0	0	2,246,784	Future WASD Revenue Bonds	
TOTAL		0.0	0	0	2,246,784.0	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	2,246,784	0	0	0	0	0	0	2,246,784	Future WASD Revenue Bonds
TOTAL		0	0	0	2,246,784	0	0	0	0	0	0	2,246,784	
EXPENDITURES													
		0	0	0	2,246,784	0	0	0	0	0	0	2,246,784	Future WASD Revenue Bonds
TOTAL		0	0	0	2,246,784	0	0	0	0	0	0	2,246,784	



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
	8,474,606													
REVENUES														
		0	0	0	143,782	971,130	0	0	0	0	0	0	1,114,912	Future WASH Revenue Bonds
		2,470,144	0	2,470,144	0	0	0	0	0	0	0	0	2,470,144	W Construction - 2013 Bonds
		4,509,807	0	4,509,807	0	0	0	0	0	0	0	0	4,509,807	WASH Water Commercial Paper - 2015
		379,743	0	379,743	0	0	0	0	0	0	0	0	379,743	Water Renewal & Replacement Fund
TOTAL		7,359,694.0	0	7,359,694	143,782.0	971,130	0	0	0	0	0	0	8,474,606	
EXPENDITURES														
		0	0	0	143,782	971,130	0	0	0	0	0	0	1,114,912	Future WASH Revenue Bonds
		2,470,144	0	2,470,144	0	0	0	0	0	0	0	0	2,470,144	W Construction - 2013 Bonds
		4,200,127	309,680	4,509,807	0	0	0	0	0	0	0	0	4,509,807	WASH Water Commercial Paper - 2015
		379,743	0	379,743	0	0	0	0	0	0	0	0	379,743	Water Renewal & Replacement Fund
TOTAL		7,050,013.8	309,680	7,359,694	143,782.0	971,130	0	0	0	0	0	0	8,474,606	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

Version 3

1072. WATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9610960

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101581 W WTP - ELECTRICAL UPGRADES													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		5,274,975											
REVENUES													
		0	0	0	33,913	0	0	0	0	0	0	33,913	Future WASD Revenue Bonds
		1,334,527	0	1,334,527	0	0	0	0	0	0	0	1,334,527	W Construction - 2013 Bonds
		3,906,535	0	3,906,535	0	0	0	0	0	0	0	3,906,535	WASD Water Commercial Paper - 2015
TOTAL		5,241,062	0	5,241,062	33,913	0	0	0	0	0	0	5,274,975	
EXPENDITURES													
		0	0	0	33,913	0	0	0	0	0	0	33,913	Future WASD Revenue Bonds
		1,334,527	0	1,334,527	0	0	0	0	0	0	0	1,334,527	W Construction - 2013 Bonds
		3,656,855	249,680	3,906,535	0	0	0	0	0	0	0	3,906,535	WASD Water Commercial Paper - 2015
TOTAL		4,991,382	249,680	5,241,062	33,913	0	0	0	0	0	0	5,274,975	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

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1072. WATER TREATMENT PLANTS MISCELLANEOUS UPGRADES

Commission District(s) Systemwide

OSBM No. 9610960

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101880 W REPLACE AND UPGRADE ELECTRICAL GENERATOR AT ALL WTPs													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		3,199,631											
REVENUES													
		0	0	0	109,869	971,130	0	0	0	0	0	1,080,999	Future WASD Revenue Bonds
	1,135,617	0	1,135,617	0	0	0	0	0	0	0	0	1,135,617	W Construction - 2013 Bonds
	603,272	0	603,272	0	0	0	0	0	0	0	0	603,272	WASD Water Commercial Paper - 2015
	379,743	0	379,743	0	0	0	0	0	0	0	0	379,743	Water Renewal & Replacement Fund
TOTAL	2,118,632	0	2,118,632	109,869	971,130	0	0	0	0	0	0	3,199,631	
EXPENDITURES													
		0	0	0	109,869	971,130	0	0	0	0	0	1,080,999	Future WASD Revenue Bonds
	1,135,617	0	1,135,617	0	0	0	0	0	0	0	0	1,135,617	W Construction - 2013 Bonds
	543,272	60,000	603,272	0	0	0	0	0	0	0	0	603,272	WASD Water Commercial Paper - 2015
	379,743	0	379,743	0	0	0	0	0	0	0	0	379,743	Water Renewal & Replacement Fund
TOTAL	2,058,632	60,000	2,118,632	109,869	971,130	0	0	0	0	0	0	3,199,631	



Miami-Dade Water and Sewer Department
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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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
	513,649,166												
REVENUES													
		0	0	0	1,600,431	1,922,692	5,177,985	8,355,858	9,238,750	11,656,472	454,887,051	492,839,239	Future WASD Revenue Bonds
		13,200,885	250,000	13,450,885	5,238,533	0	0	0	0	0	0	18,689,418	Rock Mining Mitigation Fees
		2,120,509	0	2,120,509	0	0	0	0	0	0	0	2,120,509	Water Renewal & Replacement Fund
TOTAL		15,321,394.0	250,000	15,571,394	6,838,964.0	1,922,692	5,177,985	8,355,858	9,238,750	11,656,472	454,887,051	513,649,166	
EXPENDITURES													
		0	0	0	1,600,431	1,922,692	5,177,985	8,355,858	9,238,750	11,656,472	454,887,051	492,839,239	Future WASD Revenue Bonds
		13,200,885	250,000	13,450,885	5,238,533	0	0	0	0	0	0	18,689,418	Rock Mining Mitigation Fees
		2,120,509	0	2,120,509	0	0	0	0	0	0	0	2,120,509	Water Renewal & Replacement Fund
TOTAL		15,321,393.7	250,000	15,571,394	6,838,964.0	1,922,692	5,177,985	8,355,858	9,238,750	11,656,472	454,887,051	513,649,166	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.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 440,062,621

REVENUES

0	0	0	1,144,898	638,186	1,841,834	2,670,543	3,944,098	3,811,456	407,322,188	421,373,203	Future WASD Revenue Bonds
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13,200,885	250,000	13,450,885	5,238,533	0	0	0	0	0	0	18,689,418	Rock Mining Mitigation Fees
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TOTAL	13,200,885	250,000	13,450,885	6,383,431	638,186	1,841,834	2,670,543	3,944,098	3,811,456	407,322,188	440,062,621
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EXPENDITURES

0	0	0	1,144,898	638,186	1,841,834	2,670,543	3,944,098	3,811,456	407,322,188	421,373,203	Future WASD Revenue Bonds
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13,200,885	250,000	13,450,885	5,238,533	0	0	0	0	0	0	18,689,418	Rock Mining Mitigation Fees
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TOTAL	13,200,885	250,000	13,450,885	6,383,431	638,186	1,841,834	2,670,543	3,944,098	3,811,456	407,322,188	440,062,621
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Miami-Dade Water and Sewer Department
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WATER PROJECTS

Version 3

1075. SAFE DRINKING WATER ACT MODIFICATIONS - SWT RULE AND D-DBP

Commission District(s) Systemwide

OSBM No. 9654061

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.101891 W NEW NWWF HIGH SERVICE PUMP STATION												
Commission District(s) 6,7												
Sub-Project Budget / Estimated 43,250,000												
REVENUES												
	0	0	0	0	0	610,154	1,185,315	2,212,610	4,141,641	35,100,280	43,250,000	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	610,154	1,185,315	2,212,610	4,141,641	35,100,280	43,250,000	
EXPENDITURES												
	0	0	0	0	0	610,154	1,185,315	2,212,610	4,141,641	35,100,280	43,250,000	Future WASD Revenue Bonds
TOTAL	0	0	0	0	0	610,154	1,185,315	2,212,610	4,141,641	35,100,280	43,250,000	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

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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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102135 W MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3													
Commission District(s) 6													
Sub-Project Budget / Estimated	29,586,545												
REVENUES													
		0	0	0	455,533	1,284,506	2,725,997	4,500,000	3,000,000	3,500,000	12,000,000	27,466,036	Future WASD Revenue Bonds
	2,120,509	0	2,120,509	0	0	0	0	0	0	0	0	2,120,509	Water Renewal & Replacement Fund
TOTAL	2,120,509	0	2,120,509	455,533	1,284,506	2,725,997	4,500,000	3,000,000	3,500,000	12,000,000	29,586,545		
EXPENDITURES													
		0	0	0	455,533	1,284,506	2,725,997	4,500,000	3,000,000	3,500,000	12,000,000	27,466,036	Future WASD Revenue Bonds
	2,120,509	0	2,120,509	0	0	0	0	0	0	0	0	2,120,509	Water Renewal & Replacement Fund
TOTAL	2,120,509	0	2,120,509	455,533	1,284,506	2,725,997	4,500,000	3,000,000	3,500,000	12,000,000	29,586,545		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

Version 3

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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102176 W MONITORING WELL INSTALLATION														
Commission District(s) COUNTYWIDE														
Sub-Project Budget / Estimated	750,000													
REVENUES														
		0	0	0	0	0	0	0	0	82,042	203,375	464,583	750,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	82,042	203,375	464,583	750,000	
EXPENDITURES														
		0	0	0	0	0	0	0	0	82,042	203,375	464,583	750,000	Future WASD Revenue Bonds
TOTAL		0	0	0	0	0	0	0	0	82,042	203,375	464,583	750,000	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1077. SOUTH MIAMI HEIGHTS WATER TREATMENT PLANT AND WELLFIELD

Commission District(s) 9

OSBM No. 9652821

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
	302,176,959												
REVENUES													
		0	0	0	10,751,783	8,950,762	6,000,000	4,000,000	5,000,000	6,500,000	235,730,201	276,932,746	Future WASH Revenue Bonds
		7,080,258	0	7,080,258	0	0	0	0	0	0	0	7,080,258	W Construction - 2013 Bonds
		18,163,955	0	18,163,955	0	0	0	0	0	0	0	18,163,955	WASH Water Commercial Paper - 2015
TOTAL		25,244,213.0	0	25,244,213	10,751,783.0	8,950,762	6,000,000	4,000,000	5,000,000	6,500,000	235,730,201	302,176,959	
EXPENDITURES													
		0	0	0	10,751,783	8,950,762	6,000,000	4,000,000	5,000,000	6,500,000	235,730,201	276,932,746	Future WASH Revenue Bonds
		7,080,258	0	7,080,258	0	0	0	0	0	0	0	7,080,258	W Construction - 2013 Bonds
		5,845,126	12,318,829	18,163,955	0	0	0	0	0	0	0	18,163,955	WASH Water Commercial Paper - 2015
TOTAL		12,925,384.1	12,318,829	25,244,213	10,751,783.0	8,950,762	6,000,000	4,000,000	5,000,000	6,500,000	235,730,201	302,176,959	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

Version 3

1077. SOUTH MIAMI HEIGHTS WATER TREATMENT PLANT AND WELLFIELD

Commission District(s) 9

OSBM No. 9652821

Budget/ Estimate Cost	Prior			Projections								Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	
.101364 W SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT												
Commission District(s) 9												
Sub-Project Budget / Estimated	264,176,959											
REVENUES												
	0	0	0	1,620,448	2,500,000	3,000,000	4,000,000	5,000,000	6,500,000	235,730,201	258,350,649	Future WASD Revenue Bonds
	220,945	0	220,945	0	0	0	0	0	0	0	220,945	W Construction - 2013 Bonds
	5,605,365	0	5,605,365	0	0	0	0	0	0	0	5,605,365	WASD Water Commercial Paper - 2015
TOTAL	5,826,310	0	5,826,310	1,620,448	2,500,000	3,000,000	4,000,000	5,000,000	6,500,000	235,730,201	264,176,959	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		0	0	0	1,620,448	2,500,000	3,000,000	4,000,000	5,000,000	6,500,000	235,730,201	258,350,649	Future WASH Revenue Bonds
	220,945		0	220,945	0	0	0	0	0	0	0	220,945	W Construction - 2013 Bonds
	605,365	5,000,000		5,605,365	0	0	0	0	0	0	0	5,605,365	WASH Water Commercial Paper - 2015
TOTAL	826,310	5,000,000		5,826,310	1,620,448	2,500,000	3,000,000	4,000,000	5,000,000	6,500,000	235,730,201	264,176,959	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023				
.102021 W SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN													
Commission District(s) 9													
Sub-Project Budget / Estimated	38,000,000												
REVENUES													
	0	0	0	9,131,335	6,450,762	3,000,000	0	0	0	0	0	18,582,097	Future WASH Revenue Bonds
	6,859,313	0	6,859,313	0	0	0	0	0	0	0	0	6,859,313	W Construction - 2013 Bonds
	12,558,590	0	12,558,590	0	0	0	0	0	0	0	0	12,558,590	WASH Water Commercial Paper - 2015
TOTAL	19,417,903	0	19,417,903	9,131,335	6,450,762	3,000,000	0	0	0	0	0	38,000,000	
EXPENDITURES													
	0	0	0	9,131,335	6,450,762	3,000,000	0	0	0	0	0	18,582,097	Future WASH Revenue Bonds
	6,859,313	0	6,859,313	0	0	0	0	0	0	0	0	6,859,313	W Construction - 2013 Bonds
	5,239,761	7,318,829	12,558,590	0	0	0	0	0	0	0	0	12,558,590	WASH Water Commercial Paper - 2015
TOTAL	12,099,074	7,318,829	19,417,903	9,131,335	6,450,762	3,000,000	0	0	0	0	0	38,000,000	



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
REVENUES	3,345,726												
		1,254,160	0	1,254,160	291,566	300,000	300,000	300,000	300,000	300,000	300,000	3,345,726	Water Renewal & Replacement Fund
TOTAL		1,254,160.0	0	1,254,160	291,566.0	300,000	300,000	300,000	300,000	300,000	300,000	3,345,726	
EXPENDITURES													
		573,162	680,998	1,254,160	291,566	300,000	300,000	300,000	300,000	300,000	300,000	3,345,726	Water Renewal & Replacement Fund
TOTAL		573,162.0	680,998	1,254,160	291,566.0	300,000	300,000	300,000	300,000	300,000	300,000	3,345,726	

.101368 W TELEMETERING SYSTEM - WATER

Commission District(s) COUNTYWIDE

Sub-Project Budget / Estimated **3,345,726**

REVENUES													
		1,254,160	0	1,254,160	291,566	300,000	300,000	300,000	300,000	300,000	300,000	3,345,726	Water Renewal & Replacement Fund
TOTAL		1,254,160	0	1,254,160	291,566	300,000	300,000	300,000	300,000	300,000	300,000	3,345,726	
EXPENDITURES													
		573,162	680,998	1,254,160	291,566	300,000	300,000	300,000	300,000	300,000	300,000	3,345,726	Water Renewal & Replacement Fund
TOTAL		573,162	680,998	1,254,160	291,566	300,000	300,000	300,000	300,000	300,000	300,000	3,345,726	



Miami-Dade Water and Sewer Department
2017 - 2023 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 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
	5,555,338												
REVENUES													
		1,334,904	220,434	1,555,338	4,000,000	0	0	0	0	0	0	5,555,338	Plant Expansion Fund - Water
TOTAL		1,334,904.4	220,434	1,555,338	4,000,000.0	0	0	0	0	0	0	5,555,338	
EXPENDITURES													
		1,334,904	220,434	1,555,338	4,000,000	0	0	0	0	0	0	5,555,338	Plant Expansion Fund - Water
TOTAL		1,334,904.4	220,434	1,555,338	4,000,000.0	0	0	0	0	0	0	5,555,338	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

Version 3

1080. WATER TREATMENT PLANT - FLORIDAN REVERSE OSMOSIS

Commission District(s) 6

OSBM No. 966620

		Prior			Projections								
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.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 1,555,338

REVENUES

	1,334,904	220,434	1,555,338	0	0	0	0	0	0	0	1,555,338	Plant Expansion Fund - Water
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TOTAL	1,334,904	220,434	1,555,338	0	0	0	0	0	0	0	1,555,338	
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EXPENDITURES

	1,334,904	220,434	1,555,338	0	0	0	0	0	0	0	1,555,338	Plant Expansion Fund - Water
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TOTAL	1,334,904	220,434	1,555,338	0	0	0	0	0	0	0	1,555,338	
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.102182 W CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP

Commission District(s) 6

Sub-Project Budget / Estimated 4,000,000

REVENUES

	0	0	0	4,000,000	0	0	0	0	0	0	4,000,000	Plant Expansion Fund - Water
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TOTAL	0	0	0	4,000,000	0	0	0	0	0	0	4,000,000	
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EXPENDITURES

	0	0	0	4,000,000	0	0	0	0	0	0	4,000,000	Plant Expansion Fund - Water
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TOTAL	0	0	0	4,000,000	0	0	0	0	0	0	4,000,000	
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Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

1081. MIAMI SPRINGS CONSTRUCTION FUND - WATER

Commission District(s) 6

OSBM No. 965450

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
REVENUES	8,074,101												
		1,018,339	734,981	1,753,320	1,003,523	2,309,699	2,007,559	1,000,000	0	0	0	8,074,101	Miami Springs Construction Fund
TOTAL		1,018,339.0	734,981	1,753,320	1,003,523.0	2,309,699	2,007,559	1,000,000	0	0	0	8,074,101	
EXPENDITURES													
		1,018,339	734,981	1,753,320	1,003,523	2,309,699	2,007,559	1,000,000	0	0	0	8,074,101	Miami Springs Construction Fund
TOTAL		1,018,339.3	734,981	1,753,320	1,003,523.0	2,309,699	2,007,559	1,000,000	0	0	0	8,074,101	

.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 **8,074,101**

REVENUES													
		1,018,339	734,981	1,753,320	1,003,523	2,309,699	2,007,559	1,000,000	0	0	0	8,074,101	Miami Springs Construction Fund
TOTAL		1,018,339	734,981	1,753,320	1,003,523	2,309,699	2,007,559	1,000,000	0	0	0	8,074,101	
EXPENDITURES													
		1,018,339	734,981	1,753,320	1,003,523	2,309,699	2,007,559	1,000,000	0	0	0	8,074,101	Miami Springs Construction Fund
TOTAL		1,018,339	734,981	1,753,320	1,003,523	2,309,699	2,007,559	1,000,000	0	0	0	8,074,101	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1082. WATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 967190

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
152,772,881													
REVENUES													
	14,875,793	0	14,875,793	0	0	0	0	0	0	0	0	14,875,793	Construction - 2010 Bonds
	0	0	0	2,974,421	14,272,119	860,663	0	0	0	0	0	18,107,203	Future WASD Revenue Bonds
	12,764	0	12,764	0	0	0	0	0	0	0	0	12,764	W Construction - 2013 Bonds
	1,398,492	0	1,398,492	0	0	0	0	0	0	0	0	1,398,492	WASD Water Commercial Paper - 2015
	46,378,629	8,000,000	54,378,629	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	110,378,629	Water Renewal & Replacement Fund
	8,000,000	0	8,000,000	0	0	0	0	0	0	0	0	8,000,000	Water Special Construction Fund
TOTAL	70,665,678.0	8,000,000	78,665,678	10,974,421.0	22,272,119	8,860,663	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	152,772,881	
EXPENDITURES													
	14,875,793	0	14,875,793	0	0	0	0	0	0	0	0	14,875,793	Construction - 2010 Bonds
	0	0	0	2,974,421	14,272,119	860,663	0	0	0	0	0	18,107,203	Future WASD Revenue Bonds
	12,764	0	12,764	0	0	0	0	0	0	0	0	12,764	W Construction - 2013 Bonds
	4,674	1,393,818	1,398,492	0	0	0	0	0	0	0	0	1,398,492	WASD Water Commercial Paper - 2015
	46,378,629	8,000,000	54,378,629	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	110,378,629	Water Renewal & Replacement Fund
	0	4,500,000	4,500,000	3,500,000	0	0	0	0	0	0	0	8,000,000	Water Special Construction Fund
TOTAL	61,271,859.4	13,893,818	75,165,677	14,474,421.0	22,272,119	8,860,663	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	152,772,880	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

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1082. WATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 967190

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.101969 W WATER - PIPES AND INFRASTRUCTURE PROJECTS													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated	133,254,422												
REVENUES													
	14,875,793	0	14,875,793	0	0	0	0	0	0	0	0	14,875,793	Construction - 2010 Bonds
	46,378,629	8,000,000	54,378,629	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	110,378,629	Water Renewal & Replacement Fund
	8,000,000	0	8,000,000	0	0	0	0	0	0	0	0	8,000,000	Water Special Construction Fund
TOTAL	69,254,422	8,000,000	77,254,422	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	133,254,422	
EXPENDITURES													
	14,875,793	0	14,875,793	0	0	0	0	0	0	0	0	14,875,793	Construction - 2010 Bonds
	46,378,629	8,000,000	54,378,629	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	110,378,629	Water Renewal & Replacement Fund
	0	4,500,000	4,500,000	3,500,000	0	0	0	0	0	0	0	8,000,000	Water Special Construction Fund
TOTAL	61,254,422	12,500,000	73,754,422	11,500,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	133,254,422	



Miami-Dade Water and Sewer Department
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1082. WATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 967190

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102178 W 36-INCH WATER MAIN NW 106 STREET														
Commission District(s) 12														
Sub-Project Budget / Estimated 8,085,622														
REVENUES														
		0	0	0	1,724,284	5,380,772	230,512	0	0	0	0	7,335,568	Future WASH Revenue Bonds	
	8,735	0	8,735	0	0	0	0	0	0	0	0	8,735	W Construction - 2013 Bonds	
	741,319	0	741,319	0	0	0	0	0	0	0	0	741,319	WASH Water Commercial Paper - 2015	
TOTAL	750,054	0	750,054	1,724,284	5,380,772	230,512	0	0	0	0	0	8,085,622		
EXPENDITURES														
		0	0	0	1,724,284	5,380,772	230,512	0	0	0	0	7,335,568	Future WASH Revenue Bonds	
	8,735	0	8,735	0	0	0	0	0	0	0	0	8,735	W Construction - 2013 Bonds	
	3,501	737,818	741,319	0	0	0	0	0	0	0	0	741,319	WASH Water Commercial Paper - 2015	
TOTAL	12,235	737,818	750,053	1,724,284	5,380,772	230,512	0	0	0	0	0	8,085,621		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

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1082. WATER - PIPES AND INFRASTRUCTURE PROJECTS

Commission District(s) Systemwide

OSBM No. 967190

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.102179 W 36-INCH WATER MAIN NW 135 STREET														
Commission District(s) 2														
Sub-Project Budget / Estimated 11,432,837														
REVENUES														
		0	0	0	1,250,137	8,891,347	630,151	0	0	0	0	10,771,635	Future WASH Revenue Bonds	
	4,029	0	4,029	0	0	0	0	0	0	0	0	4,029	W Construction - 2013 Bonds	
	657,173	0	657,173	0	0	0	0	0	0	0	0	657,173	WASH Water Commercial Paper - 2015	
TOTAL	661,202	0	661,202	1,250,137	8,891,347	630,151	0	0	0	0	0	11,432,837		
EXPENDITURES														
		0	0	0	1,250,137	8,891,347	630,151	0	0	0	0	10,771,635	Future WASH Revenue Bonds	
	4,029	0	4,029	0	0	0	0	0	0	0	0	4,029	W Construction - 2013 Bonds	
	1,173	656,000	657,173	0	0	0	0	0	0	0	0	657,173	WASH Water Commercial Paper - 2015	
TOTAL	5,202	656,000	661,202	1,250,137	8,891,347	630,151	0	0	0	0	0	11,432,837		



Miami-Dade Water and Sewer Department
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WATER PROJECTS

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

	Prior			Projections										Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
453,128,769														
REVENUES														
	855,004	0	855,004	0	0	0	0	0	0	0	0	855,004	Construction - 2010 Bonds	
	0	0	0	0	0	0	0	0	0	0	292,427,509	292,427,509	Future Funding	
	0	0	0	14,274,569	10,612,076	11,704,057	14,070,164	11,202,772	8,000,000	43,600,000	113,463,638	113,463,638	Future WASH Revenue Bonds	
	7,070,154	11,708,321	18,778,475	3,019,444	1,048,081	0	0	0	0	0	0	22,846,000	State Revolving Loans - Water	
	6,259,237	0	6,259,237	0	0	0	0	0	0	0	0	6,259,237	W Construction - 2013 Bonds	
	16,932,575	0	16,932,575	0	0	0	0	0	0	0	0	16,932,575	WASH Water Commercial Paper - 2015	
	344,806	0	344,806	0	0	0	0	0	0	0	0	344,806	Water Renewal & Replacement Fund	
TOTAL	31,461,776.0	11,708,321	43,170,097	17,294,013.0	11,660,157	11,704,057	14,070,164	11,202,772	8,000,000	336,027,509	453,128,769			
EXPENDITURES														
	855,004	0	855,004	0	0	0	0	0	0	0	0	855,004	Construction - 2010 Bonds	
	0	0	0	0	0	0	0	0	0	0	292,427,509	292,427,509	Future Funding	
	0	0	0	14,274,569	10,612,076	11,704,057	14,070,164	11,202,772	8,000,000	43,600,000	113,463,638	113,463,638	Future WASH Revenue Bonds	
	7,070,154	11,708,321	18,778,475	3,019,444	1,048,081	0	0	0	0	0	0	22,846,000	State Revolving Loans - Water	
	6,259,238	0	6,259,238	0	0	0	0	0	0	0	0	6,259,238	W Construction - 2013 Bonds	
	1,368,212	15,564,363	16,932,575	0	0	0	0	0	0	0	0	16,932,575	WASH Water Commercial Paper - 2015	
	344,806	0	344,806	0	0	0	0	0	0	0	0	344,806	Water Renewal & Replacement Fund	
TOTAL	15,897,414.1	27,272,684	43,170,098	17,294,013.0	11,660,157	11,704,057	14,070,164	11,202,772	8,000,000	336,027,509	453,128,770			



Miami-Dade Water and Sewer Department
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1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Budget/ Estimate Cost	Prior			Projections								Bond Issue	
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total		
.101678 W SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		38,790,910											
REVENUES													
	855,004	0	855,004	0	0	0	0	0	0	0	0	855,004	Construction - 2010 Bonds
	0	0	0	4,018,819	2,577,978	3,500,000	3,500,000	3,999,999	3,000,000	7,000,000		27,596,796	Future WASD Revenue Bonds
	5,863,100	0	5,863,100	0	0	0	0	0	0	0	0	5,863,100	W Construction - 2013 Bonds
	4,476,010	0	4,476,010	0	0	0	0	0	0	0	0	4,476,010	WASD Water Commercial Paper - 2015
TOTAL	11,194,114	0	11,194,114	4,018,819	2,577,978	3,500,000	3,500,000	3,999,999	3,000,000	7,000,000		38,790,910	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

Version 3

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

	Prior			Projections								Total	Bond Issue
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		
EXPENDITURES													
		855,004	0	855,004	0	0	0	0	0	0	0	855,004	Construction - 2010 Bonds
		0	0	0	4,018,819	2,577,978	3,500,000	3,500,000	3,999,999	3,000,000	7,000,000	27,596,796	Future WASD Revenue Bonds
		5,863,100	0	5,863,100	0	0	0	0	0	0	0	5,863,100	W Construction - 2013 Bonds
		1,211,071	3,264,939	4,476,010	0	0	0	0	0	0	0	4,476,010	WASD Water Commercial Paper - 2015
TOTAL		7,929,176	3,264,939	11,194,115	4,018,819	2,577,978	3,500,000	3,500,000	3,999,999	3,000,000	7,000,000	38,790,911	



Miami-Dade Water and Sewer Department
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WATER PROJECTS

Version 3

1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102136 W REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE A													
Commission District(s) 5													
Sub-Project Budget / Estimated	15,806,254												
REVENUES													
	2,609,983	4,745,492	7,355,475	3,019,444	1,048,081	0	0	0	0	0	0	11,423,000	State Revolving Loans - Water
	355,999	0	355,999	0	0	0	0	0	0	0	0	355,999	W Construction - 2013 Bonds
	4,027,255	0	4,027,255	0	0	0	0	0	0	0	0	4,027,255	WASD Water Commercial Paper - 2015
TOTAL	6,993,237	4,745,492	11,738,729	3,019,444	1,048,081	0	0	0	0	0	0	15,806,254	
EXPENDITURES													
	2,609,983	4,745,492	7,355,475	3,019,444	1,048,081	0	0	0	0	0	0	11,423,000	State Revolving Loans - Water
	355,999	0	355,999	0	0	0	0	0	0	0	0	355,999	W Construction - 2013 Bonds
	145,445	3,881,810	4,027,255	0	0	0	0	0	0	0	0	4,027,255	WASD Water Commercial Paper - 2015
TOTAL	3,111,427	8,627,302	11,738,729	3,019,444	1,048,081	0	0	0	0	0	0	15,806,254	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

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1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 200000072

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102137 W SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A													
Commission District(s) 9													
Sub-Project Budget / Estimated	36,061,557												
REVENUES													
		0	0	0	5,274,493	1,173,853	3,913,211	4,500,000	2,500,000	1,500,000	14,100,000	32,961,557	Future WASD Revenue Bonds
	3,100,000		0	3,100,000	0	0	0	0	0	0	0	3,100,000	WASD Water Commercial Paper - 2015
TOTAL	3,100,000		0	3,100,000	5,274,493	1,173,853	3,913,211	4,500,000	2,500,000	1,500,000	14,100,000	36,061,557	
EXPENDITURES													
		0	0	0	5,274,493	1,173,853	3,913,211	4,500,000	2,500,000	1,500,000	14,100,000	32,961,557	Future WASD Revenue Bonds
	0	3,100,000		3,100,000	0	0	0	0	0	0	0	3,100,000	WASD Water Commercial Paper - 2015
TOTAL	0	3,100,000		3,100,000	5,274,493	1,173,853	3,913,211	4,500,000	2,500,000	1,500,000	14,100,000	36,061,557	



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Commission District(s)

OSBM No. 2000000072

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102139 W INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE I IN SW 147th AVE AND SW 157th AVE BETWEEN SW 288th ST & SW 297th ST													
Commission District(s) 8													
Sub-Project Budget / Estimated	2,654,733												
REVENUES													
	0	0	0	419,737	1,401,434	188,756	0	0	0	0	0	2,009,927	Future WASD Revenue Bonds
	300,000	0	300,000	0	0	0	0	0	0	0	0	300,000	WASD Water Commercial Paper - 2015
	344,806	0	344,806	0	0	0	0	0	0	0	0	344,806	Water Renewal & Replacement Fund
TOTAL	644,806	0	644,806	419,737	1,401,434	188,756	0	0	0	0	0	2,654,733	
EXPENDITURES													
	0	0	0	419,737	1,401,434	188,756	0	0	0	0	0	2,009,927	Future WASD Revenue Bonds
	0	300,000	300,000	0	0	0	0	0	0	0	0	300,000	WASD Water Commercial Paper - 2015
	344,806	0	344,806	0	0	0	0	0	0	0	0	344,806	Water Renewal & Replacement Fund
TOTAL	344,806	300,000	644,806	419,737	1,401,434	188,756	0	0	0	0	0	2,654,733	



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1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102141 W REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE B													
Commission District(s) 5													
Sub-Project Budget / Estimated	13,821,724												
REVENUES													
	0	0	0	1,776,259	0	0	0	0	0	0	0	1,776,259	Future WASD Revenue Bonds
	4,460,171	6,962,829	11,423,000	0	0	0	0	0	0	0	0	11,423,000	State Revolving Loans - Water
	34,962	0	34,962	0	0	0	0	0	0	0	0	34,962	W Construction - 2013 Bonds
	587,503	0	587,503	0	0	0	0	0	0	0	0	587,503	WASD Water Commercial Paper - 2015
TOTAL	5,082,636	6,962,829	12,045,465	1,776,259	0	0	0	0	0	0	0	13,821,724	
EXPENDITURES													
	0	0	0	1,776,259	0	0	0	0	0	0	0	1,776,259	Future WASD Revenue Bonds
	4,460,171	6,962,829	11,423,000	0	0	0	0	0	0	0	0	11,423,000	State Revolving Loans - Water
	34,962	0	34,962	0	0	0	0	0	0	0	0	34,962	W Construction - 2013 Bonds
	7,308	580,195	587,503	0	0	0	0	0	0	0	0	587,503	WASD Water Commercial Paper - 2015
TOTAL	4,502,441	7,543,024	12,045,465	1,776,259	0	0	0	0	0	0	0	13,821,724	



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Commission District(s)

OSBM No. 2000000072

Budget/ Estimate Cost	Prior			Projections								Future	Total	Bond Issue
	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023					
.102142 W SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B														
Commission District(s) 9														
Sub-Project Budget / Estimated	40,080,429													
REVENUES														
	0	0	0	1,221,257	2,800,000	3,228,046	3,500,000	4,500,000	2,500,000	19,000,000	36,749,303	Future WASHD Revenue Bonds		
	5,176	0	5,176	0	0	0	0	0	0	0	5,176	W Construction - 2013 Bonds		
	3,325,950	0	3,325,950	0	0	0	0	0	0	0	3,325,950	WASHD Water Commercial Paper - 2015		
TOTAL	3,331,126	0	3,331,126	1,221,257	2,800,000	3,228,046	3,500,000	4,500,000	2,500,000	19,000,000	40,080,429			



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Commission District(s)

OSBM No. 2000000072

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
EXPENDITURES													
		0	0	0	1,221,257	2,800,000	3,228,046	3,500,000	4,500,000	2,500,000	19,000,000	36,749,303	Future WASH Revenue Bonds
		5,176	0	5,176	0	0	0	0	0	0	0	5,176	W Construction - 2013 Bonds
		4,388	3,321,562	3,325,950	0	0	0	0	0	0	0	3,325,950	WASH Water Commercial Paper - 2015
TOTAL		9,564	3,321,562	3,331,126	1,221,257	2,800,000	3,228,046	3,500,000	4,500,000	2,500,000	19,000,000	40,080,429	



Miami-Dade Water and Sewer Department
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Commission District(s)

OSBM No. 2000000072

Prior				Projections										Bond Issue
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue		

.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	0	292,427,509	292,427,509	Future Funding
0	0	0	0	83,209	815,602	328,252	2,570,164	202,773	1,000,000	3,500,000	8,500,000	Future WASD Revenue Bonds

TOTAL 0 0 0 83,209 815,602 328,252 2,570,164 202,773 1,000,000 295,927,509 300,927,509

EXPENDITURES

0	0	0	0	0	0	0	0	0	0	292,427,509	292,427,509	Future Funding
0	0	0	0	83,209	815,602	328,252	2,570,164	202,773	1,000,000	3,500,000	8,500,000	Future WASD Revenue Bonds

TOTAL 0 0 0 83,209 815,602 328,252 2,570,164 202,773 1,000,000 295,927,509 300,927,509



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

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1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

	Prior			Projections								Bond Issue	
	Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future		Total
.102193 W WATER MASTER PLAN													
Commission District(s) COUNTYWIDE													
Sub-Project Budget / Estimated		2,026,080											
REVENUES													
		0	0	0	1,026,080	0	0	0	0	0	0	1,026,080	Future WASD Revenue Bonds
	1,000,000		0	1,000,000	0	0	0	0	0	0	0	1,000,000	WASD Water Commercial Paper - 2015
TOTAL	1,000,000	0	0	1,000,000	1,026,080	0	0	0	0	0	0	2,026,080	
EXPENDITURES													
		0	0	0	1,026,080	0	0	0	0	0	0	1,026,080	Future WASD Revenue Bonds
	0	1,000,000		1,000,000	0	0	0	0	0	0	0	1,000,000	WASD Water Commercial Paper - 2015
TOTAL	0	1,000,000	0	1,000,000	1,026,080	0	0	0	0	0	0	2,026,080	



Miami-Dade Water and Sewer Department
2017 - 2023 CAPITAL BUDGET / MULTI - YEAR PLAN

WATER PROJECTS

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1084. SMALL DIAMETER WATER MAINS REPLACEMENT PROGRAM

Commission District(s)

OSBM No. 2000000072

Prior				Projections									
Budget/ Estimate Cost	Prior to 2016 - 2017	FY 2016 - 2017	Total Prior	FY 2017 - 2018	FY 2018 - 2019	FY 2019 - 2020	FY 2020 - 2021	FY 2021 - 2022	FY 2022 - 2023	Future	Total	Bond Issue	

.102198 W INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE II IN SW 147th AVE AND SW 152nd AVE BETWEEN SW 288th ST & SW 296th ST

Commission District(s) 8

Sub-Project Budget / Estimated 2,959,573

REVENUES

	0	0	0	454,715	1,843,209	545,792	0	0	0	0	2,843,716	Future WASD Revenue Bonds
	115,857	0	115,857	0	0	0	0	0	0	0	115,857	WASD Water Commercial Paper - 2015
TOTAL	115,857	0	115,857	454,715	1,843,209	545,792	0	0	0	0	2,959,573	

EXPENDITURES

	0	0	0	454,715	1,843,209	545,792	0	0	0	0	2,843,716	Future WASD Revenue Bonds
	0	115,857	115,857	0	0	0	0	0	0	0	115,857	WASD Water Commercial Paper - 2015
TOTAL	0	115,857	115,857	454,715	1,843,209	545,792	0	0	0	0	2,959,573	

Total Revenues:	2,708,196,353	391,064,856.0	60,478,800	451,543,656	199,680,249	176,667,990	141,137,592	132,487,446	104,314,341	103,719,778	1,398,645,302	2,708,196,354
Total Expenditures:		281,878,008	147,290,526	429,168,534	222,055,373	176,667,990	141,137,592	132,487,446	104,314,341	103,719,778	1,398,645,302	2,708,196,356

FUTURE BOND ISSUES

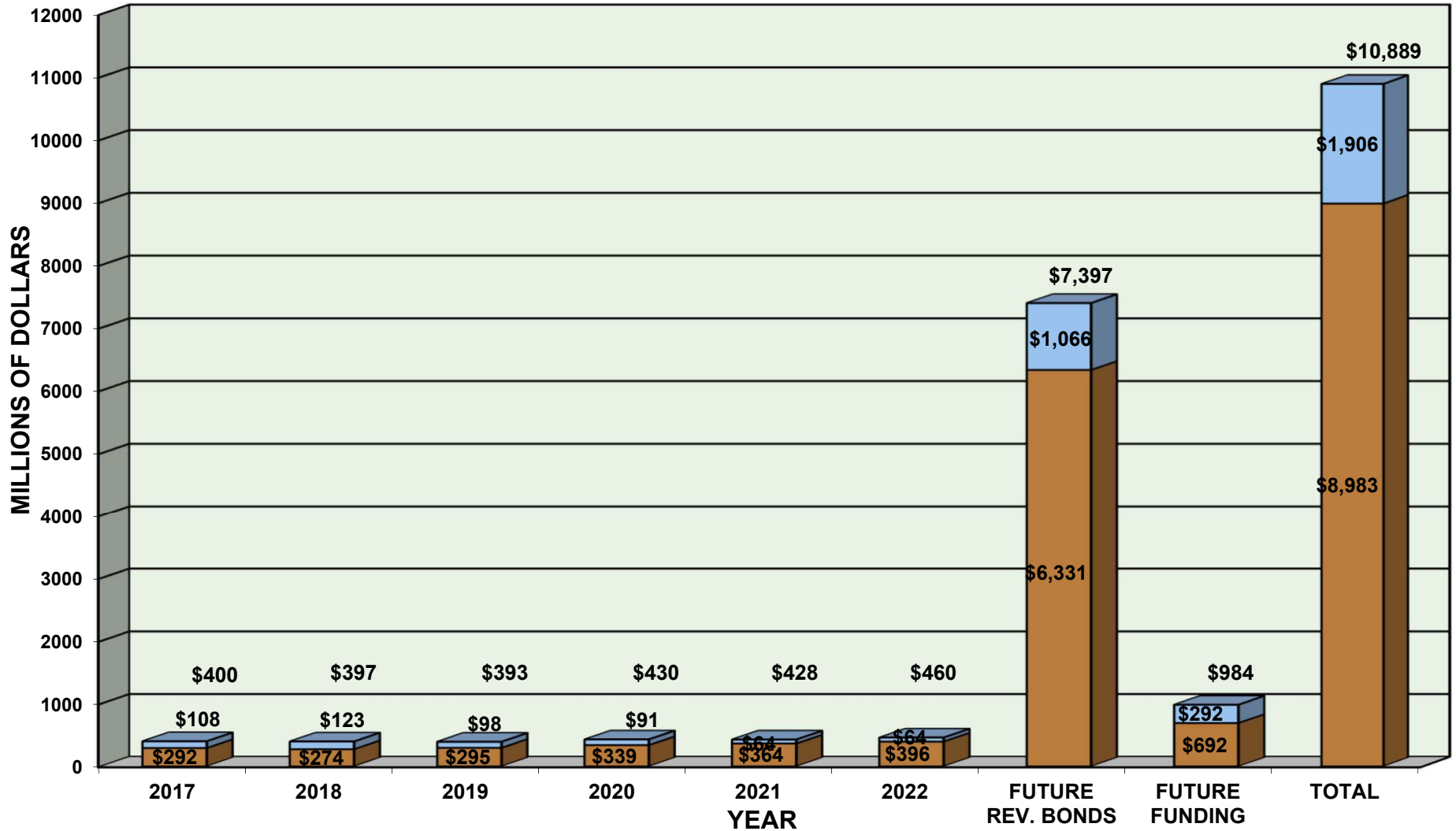


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**MIAMI-DADE WATER AND SEWER DEPARTMENT
FUTURE BOND ISSUES
2017-FUTURE CAPITAL PLAN
SUMMARY (000'S)**

	2017-2018 OCTOBER	2018-2019 OCTOBER	2019-2020 OCTOBER	2020-2021 OCTOBER	2021-2022 OCTOBER	2022-2023 OCTOBER	FUTURE REV. BONDS	FUTURE FUNDING	TOTAL
WASTEWATER	\$292,260	\$274,289	\$294,667	\$339,011	\$364,124	\$395,757	\$6,330,705	\$692,103	\$8,982,917
WATER	\$107,740	\$122,614	\$98,080	\$90,617	\$64,314	\$63,720	\$1,065,797	\$292,428	\$1,905,310
TOTAL	\$400,000	\$396,904	\$392,747	\$429,629	\$428,439	\$459,477	\$7,396,501	\$984,531	\$10,888,227

MIAMI - DADE WATER AND SEWER DEPARTMENT 2017-2023 CAPITAL PLAN FUTURE BONDS



■ SEWER ■ WATER

Prepared by Capital Planning and Coordination Section

WASTEWATER



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 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.	1,216
9655481	1006.101768	26.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	700
9650201	1011.100050	36.	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	1,258
9653201	1013.101108	37.	MIAMI SERVICE FACILITY - PHASE 2	1,157
9653371	1018.101774	46.	FORCE MAIN IN DORAL N.W. 107TH AVE.	2,843
2000000580	1048.101864	54.	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	1,155
2000000580	1048.101865	55.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	258
9653281	1019.100877	56.	SANITARY SEWER SYSTEM EXTENSION	2,113
9652002	1021.101930	60.	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	850
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	3,085
964120	1044.102603	85.	CDWWTP - HEADWORKS PLANT 2	3,709
964120	1044.102605	87.	CDWWTP - OXYGENATION TRAINS PLANT 2	2,182
964120	1044.102607	88.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	1,383
964120	1044.102609	89.	CDWWTP - RS PUMP STATIONS PLANT 2	1,590
964120	1044.102610	90.	CDWWTP - EFFLUENT PUMP STATION	1,397



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 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	92.	CDWWTP - SLUDGE THICKENERS PLANT 2	2,301
964120	1044.102614	93.	CDWWTP - DIGESTERS PLANT 2	5,871
964120	1044.102618	95.	CDWWTP - CO-GEN FACILITY	4,422
964120	1044.102620	96.	CDWWTP - PUMP STATION 1	954
964120	1044.102615	99.	CDWWTP - DEWATERING BUILDING	3,637
964120	1044.102602	100.	HEADWORKS PLANT 1	3,512
964120	1044.102626	101.	CDWWTP - OXYGEN PRODUCTION	3,592
964120	1044.102500	102.	SDWWTP - HEADWORKS	767
964120	1044.102501	103.	SDWWTP - OXYGEN PRODUCTION	3,716
964120	1044.102504	105.	SDWWTP - EFFLUENT PUMP STATION	1,481
964120	1044.102506	107.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	2,131
964120	1044.102507	108.	SDWWTP - DEWATERING FACILITY	3,093
964120	1044.102508	109.	SDWWTP - FOG REMOVAL FACILITY	2,142
964120	1044.102510	110.	SDWWTP - GENERAL ELECTRICAL	3,366
964120	1044.102511	111.	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	1,053
964120	1044.102700	112.	NDWWTP - HEADWORKS AND SLUDGE DEGRITTING TRANSFER	6,793
964120	1044.102701	113.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	3,320
964120	1044.102706	115.	NDWWTP - EFFLUENT DISPOSAL	1,524
964120	1044.102707	116.	NDWWTP - PLANT WIDE ELECTRICAL	1,276



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
968150	1045.102800	118.	COLLECTION SYSTEM I/I REPAIRS	8,784
968150	1045.102804	120.	SOUTH DADE 54 INCH PCCP FM REHABILITATION	3,744
964440	1046.102902	124.	UPGRADE OF PS#0691	3,318
964440	1046.102903	126.	REPLACEMENT OF SWITCHGEAR PS#0414	4,232
964440	1046.102904	127.	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0415	2,229
964440	1046.102905	128.	REPLACEMENT OF SWITCHGEAR PS#0416	4,314
964440	1046.102906	129.	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0417	3,112
964440	1046.102907	130.	REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT IN PS#0107	904
964440	1046.102908	131.	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	2,441
964440	1046.102909	132.	UPGRADE OF PS#0488	57
964440	1046.102910	133.	INSTALLATION OF 60 INCH FM FROM KENDALL DR TO PS#0536	1,731
964440	1046.102911	134.	REPLACEMENT OF SWITCHGEAR AT PS#0187	4,445
964440	1046.102917	136.	UPGRADE OF PS #0441, 0491, 0710, 0827, 0852, 1236	1,576
9653411	1002.101638	137.	NDWWTP - INJECTION WELLS PS UPGRADE	1,890
962670	1040.102034	141.	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	566
9651071	1015.101454	144.	PUMP STATION IMPROVEMENT PROGRAM	31,138
962670	1040.102010	148.	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	885



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000580	1048.102012	149.	SOUTHWEST DADE BOOSTER STATION (SP-1)	1,644
2000000580	1048.102055	150.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	544
2000000580	1048.102056	151.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	2,346
2000000580	1048.102072	163.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	1,968
2000000580	1048.102077	167.	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	447
2000000580	1048.102078	168.	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	572
2000000580	1048.102079	169.	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	880
2000000580	1048.102087	174.	UPGRADE PS 692 (SP-692E)	1,384
2000000580	1048.102088	175.	UPGRADE PS 1073 (SP-1073E)	547
2000000580	1048.102121	193.	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	1,210
2000000580	1048.102124	194.	UPGRADE TO PS 522 (SP-522E)	462
9650371	1025.102126	195.	RELOCATION OF 20 PUMP STATIONS	1,886
962670	1040.102096	198.	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	1,742
9655481	1006.102102	200.	SDWWTP FA MONITORING WELL REPLACEMENT	74
962670	1040.102038	212.	CDWWTP - CENTRATE INJECTION WELL (CE-4)	1,960
9653201	1013.101506	216.	SOUTH MAINTENANCE CENTER	2,556
9653381	1014.100984	221.	REFURBISH STRUCTURES IN PUMP STATIONS	100



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102621	228.	CDWWTP - PUMP STATION 2	2,947
964120	1044.102703	229.	NDWWTP - OXYGEN PRODUCTION	471
964120	1044.102617	231.	CDWWTP - ODOR CONTROL SYSTEMS	4,123
964120	1044.102628	232.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	12,597
964120	1044.102705	233.	NDWWTP - DISINFECTION	3,326
962670	1040.102138	239.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	11,534
9653201	1013.102052	240.	MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION	200
962670	1040.102150	255.	SE-2 SDWWTP BZ DEEP MUNICIPAL INJECTION WELLS	1,068
962670	1040.102151	256.	SE-1 SDWWTP - BZ EFFLUENT DISPOSAL PUMP STATION	1,207
2000000580	1048.102156	257.	DOWNTOWN BOOSTER STATION (CP-1)	2,316
2000000580	1048.102181	259.	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	1,652
964120	1044.102616	266.	CDWWTP - CHLORINATION FACILITIES	4,567
9653421	1003.102146	280.	CDWWTP - CONSTRUCTION MANAGEMENT TRAILERS	1,000
9652101	1008.101924	281.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	212
9653201	1013.101886	285.	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	1,156
9653371	1018.101846	288.	PS 559 FLOW METER	500
964120	1044.102604	296.	CDWWTP - OXYGENATION TRAINS PLANT 1	4,711



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 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	297.	CDWWTP - BUILDING IMPROVEMENTS	654
9652061	1032.101885	299.	WWTP - VIDEO SURVEILANCE SYSTEM	689
964120	1044.102502	305.	SDWWTP - OXYGENATION TRAINS	3,611
968150	1045.102807	306.	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	8
9651071	1015.102192	307.	OUT OF COMPLIANCE PUMP STATIONS	1,000
9653401	1007.102184	308.	SDWWTP FOG RECOVERY STATION	1,000
9653421	1003.101656	309.	CDWWTP - SLUDGE HANDLING FACILITY	500
9653421	1003.102183	311.	CDWWTP FOG RECOVERY STATION	1,000
9653371	1018.102194	314.	WASTEWATER MASTER PLAN	900
964120	1044.102704	320.	NDWWTP - SECONDARY CLARIFIERS	1,226
968150	1045.102808	321.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	5,612
968150	1045.102809	322.	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	3,152
964440	1046.102916	325.	UPGRADE OF PS #0037, 0351, 0370, 0403	3,775
968090	1047.103002	326.	SUPPLEMENTAL ENVIRONMENT PROJECT (SEP)	2,494
964440	1046.102900	327.	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	4,338
964120	1044.102505	343.	SDWWTP - GRAVITY SLUDGE THICKENERS	2,502
964120	1044.102611	344.	CDWWTP - SLUDGE THICKENERS PLANT 1	1,475
964120	1044.102613	345.	CDWWTP - DIGESTERS PLANT 1	47
964120	1044.102624	347.	CDWWTP - VENTILATION IMPROVEMENTS	1,010



MIAMI-DADE WATER AND SEWER DEPARTMENT

2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102623	348.	CDWWTP - GAS MONITORING	53
962670	1040.101862	349.	UPGRADE AND EXPANSION TO PS 187 (CEP-187E)	941
962670	1040.102006	350.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	1,285
962670	1040.102094	352.	WDWWTP - PEAK FLOW TREATMENT	65
2000000580	1048.102063	353.	24-INCH FM CONNECTION FROM PS 1073 TO PS 691 (SL-6)	136
2000000580	1048.102158	357.	SL-3B TO 48"/54" FM ALONG 137TH AVE FROM SW 136TH ST TO SW 104TH ST	632
9650201	1011.100890	360.	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	1,000
9652101	1008.101985	362.	WASTEWATER FORCE MAINS UPGRADES	388
9652101	1008.102042	363.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	139
9652101	1008.102043	364.	DORAL BASIN UPGRADE - P.S. 14 UPGRADE - COUNTY SHARE	386
9650241	1009.102045	365.	P.S. 2 BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	1,211
9651061	1010.102035	366.	6" FM FROM PS 1071 TO MH 7 SOUTH OF SW 186 ST ON 108 AVE	9
9651061	1010.102050	367.	UPGRADE 4" FM FROM PS 733 ON US1	106
9653201	1013.101887	368.	MEDLEY YARD BUILDING	161
9652061	1032.101808	370.	EMD GENERATOR HOUSING REPLACEMENT AT WWTP	1,800
9655481	1006.101717	375.	SDWWTP - ENGINEERING SERVICES / OR UPGRADES, AND REHABILITATION OF THE PLANT AND ITS APPURTENANT FACILITIES	579
2000000580	1048.101757	382.	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	4,221



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 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	383.	SDWWTP - CHLORINE BUILDING	69
964120	1044.102509	384.	SDWWTP - ODOR CONTROL	20
964120	1044.102606	385.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	177
964120	1044.102608	386.	CDWWTP - RS PUMP STATIONS PLANT 1	135
962670	1040.101867	387.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	1,468
962670	1040.102008	388.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	515
962670	1040.102009	389.	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	516
962670	1040.102073	390.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	392
9650241	1009.102200	392.	BISCAYNE BASIN PROJECTS RELATED TO CL-1	1,137
9653371	1018.101710	393.	MASTER PUMP STATION NO. 3 (FORMERLY P.S. 8)	5,000
9653281	1019.101733	397.	SANITARY SEWER SYSTEM EXTENSION FOR JPAS	500
9653411	1002.102205	398.	2.21.02 SEAWALL PROJECT	217
9653411	1002.102206	399.	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	624
9651061	1010.102208	400.	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	1,133
9651061	1010.102209	401.	CD4.08.02 - REHABILITATION OF 54 INCH PCCP FM IN THE CITY PHASE 2	1,200
9652101	1008.102211	402.	CD4.10.04 OPA LOCKA AIRPORT CONCESSIONS	351
9652101	1008.102212	403.	CD5.09.02 - PHASE II & III REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#301	222
Sub-Total				\$292,260



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 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	5,856
964120	1044.102605	8.	CDWWTP - OXYGENATION TRAINS PLANT 2	3,200
964120	1044.102607	9.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	3,626
964120	1044.102609	10.	CDWWTP - RS PUMP STATIONS PLANT 2	1,859
964120	1044.102610	11.	CDWWTP - EFFLUENT PUMP STATION	5,702
964120	1044.102611	12.	CDWWTP - SLUDGE THICKENERS PLANT 1	3,524
964120	1044.102614	14.	CDWWTP - DIGESTERS PLANT 2	2,826
964120	1044.102615	15.	CDWWTP - DEWATERING BUILDING	3,258
964120	1044.102618	17.	CDWWTP - CO-GEN FACILITY	2,042
964120	1044.102620	19.	CDWWTP - PUMP STATION 1	5,223
964120	1044.102626	20.	CDWWTP - OXYGEN PRODUCTION	2,005
964120	1044.102500	21.	SDWWTP - HEADWORKS	485
964120	1044.102503	25.	SDWWTP - CHLORINE BUILDING	148
964120	1044.102504	26.	SDWWTP - EFFLUENT PUMP STATION	2,054
964120	1044.102506	28.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	3,509
964120	1044.102507	29.	SDWWTP - DEWATERING FACILITY	4,223
964120	1044.102509	30.	SDWWTP - ODOR CONTROL	516
964120	1044.102510	31.	SDWWTP - GENERAL ELECTRICAL	4,161



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
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WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102511	32.	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	1,079
964120	1044.102701	33.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	2,539
964120	1044.102702	34.	NDWWTP - OXYGENATION TRAINS	733
964120	1044.102704	35.	NDWWTP - SECONDARY CLARIFIERS	3,064
964120	1044.102706	37.	NDWWTP - EFFLUENT DISPOSAL	1,580
964120	1044.102707	38.	NDWWTP - PLANT WIDE ELECTRICAL	1,515
968150	1045.102800	40.	COLLECTION SYSTEM I/I REPAIRS	6,053
968150	1045.102808	41.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	2,575
964440	1046.102902	43.	UPGRADE OF PS#0691	2,358
964440	1046.102904	44.	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0415	2,094
964440	1046.102906	45.	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0417	711
964440	1046.102917	47.	UPGRADE OF PS #0441, 0491, 0710, 0827, 0852, 1236	2,420
9655481	1006.101768	56.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	1,000
9653201	1013.101108	59.	MIAMI SERVICE FACILITY - PHASE 2	2,011
9652002	1021.101930	69.	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	950
9653281	1019.100877	70.	SANITARY SEWER SYSTEM EXTENSION	2,113



MIAMI-DADE WATER AND SEWER DEPARTMENT

2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9652002	1021.101837	87.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	1,675
962670	1040.102034	88.	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	1,088
962670	1040.102010	97.	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	108
2000000580	1048.102012	98.	SOUTHWEST DADE BOOSTER STATION (SP-1)	2,380
2000000580	1048.102055	103.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	773
2000000580	1048.102056	104.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	2,778
9653261	1029.101732	108.	SECURITY PROJECTS	3,526
9653411	1002.101638	109.	NDWWTP - INJECTION WELLS PS UPGRADE	196
2000000580	1048.101865	113.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	1,984
2000000580	1048.102072	120.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	2,310
962670	1040.102075	128.	DORAL BOOSTER STATION (WP-1)	384
2000000580	1048.102077	130.	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	1,424
2000000580	1048.102079	132.	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	1,519
2000000580	1048.102087	137.	UPGRADE PS 692 (SP-692E)	2,308
2000000580	1048.102088	138.	UPGRADE PS 1073 (SP-1073E)	844
2000000580	1048.102124	161.	UPGRADE TO PS 522 (SP-522E)	855
9650371	1025.102126	163.	RELOCATION OF 20 PUMP STATIONS	1,627
962670	1040.102096	172.	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	2,925



MIAMI-DADE WATER AND SEWER DEPARTMENT
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FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9655481	1006.102102	174.	SDWWTP FA MONITORING WELL REPLACEMENT	545
9650201	1011.100050	178.	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	1,050
9652002	1021.101934	181.	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	800
9653381	1014.100984	182.	REFURBISH STRUCTURES IN PUMP STATIONS	300
964120	1044.102501	185.	SDWWTP - OXYGEN PRODUCTION	4,090
964120	1044.102612	187.	CDWWTP - SLUDGE THICKENERS PLANT 2	3,855
964120	1044.102703	188.	NDWWTP - OXYGEN PRODUCTION	643
964120	1044.102617	189.	CDWWTP - ODOR CONTROL SYSTEMS	6,362
964120	1044.102628	190.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	9,026
964120	1044.102705	191.	NDWWTP - DISINFECTION	4,053
9653201	1013.101506	192.	SOUTH MAINTENANCE CENTER	1,365
9651071	1015.101454	193.	PUMP STATION IMPROVEMENT PROGRAM	32,862
962670	1040.102138	195.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	2,368
962670	1040.102150	205.	SE-2 SDWWTP BZ DEEP MUNICIPAL INJECTION WELLS	2,169
962670	1040.102151	206.	SE-1 SDWWTP - BZ EFFLUENT DISPOSAL PUMP STATION	3,964
2000000580	1048.102156	207.	DOWNTOWN BOOSTER STATION (CP-1)	3,563
2000000580	1048.102121	209.	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	1,417



MIAMI-DADE WATER AND SEWER DEPARTMENT
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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000580	1048.102181	210.	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	2,382
9653411	1002.101947	227.	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	500
2000000580	1048.102078	230.	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	915
9652101	1008.101924	254.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	269
9653201	1013.102052	261.	MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION	500
9652002	1021.101816	263.	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS	1,050
9652002	1021.101823	264.	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	250
9652002	1021.102159	265.	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	250
9652002	1021.102160	266.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	351
9652002	1021.102161	267.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	254
9652002	1021.102163	268.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	291
9652002	1021.102164	269.	REPLACEMENT OF CONE VALVES	1,500
9652002	1021.102165	270.	REPLACEMENT OF OBSOLETE GENERATORS	250
964120	1044.102601	271.	CDWWTP - BUILDING IMPROVEMENTS	537
964440	1046.102900	274.	DORAL BASIN - UPGRADE SEWAGE PS NO. 418	146
964440	1046.102908	277.	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	66
9652061	1032.101885	281.	WWTP - VIDEO SURVEILANCE SYSTEM	288
962670	1040.102006	282.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	2,399



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WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653421	1003.102183	284.	CDWWTP FOG RECOVERY STATION	2,000
9653401	1007.102184	285.	SDWWTP FOG RECOVERY STATION	1,500
964120	1044.102502	287.	SDWWTP - OXYGENATION TRAINS	1,495
968150	1045.102807	288.	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	8
9651071	1015.102192	289.	OUT OF COMPLIANCE PUMP STATIONS	2,000
964120	1044.102505	305.	SDWWTP - GRAVITY SLUDGE THICKENERS	3,444
964120	1044.102606	308.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	452
964120	1044.102608	309.	CDWWTP - RS PUMP STATIONS PLANT 1	344
964120	1044.102613	310.	CDWWTP - DIGESTERS PLANT 1	203
964120	1044.102624	313.	CDWWTP -VENTILATION IMPROVEMENTS	1,377
962670	1040.102094	316.	WDWWTP - PEAK FLOW TREATMENT	405
2000000580	1048.102063	318.	24-INCH FM CONNECTION FROM PS 1073 TO PS 691 (SL-6)	434
2000000580	1048.102158	321.	SL-3B TO 48"/54" FM ALONG 137TH AVE FROM SW 136TH ST TO SW 104TH ST	113
9650201	1011.100890	322.	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	3,500
9653421	1003.101656	323.	CDWWTP - SLUDGE HANDLING FACILITY	870
9652101	1008.101985	324.	WASTEWATER FORCE MAINS UPGRADES	1,163
9652101	1008.102042	326.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	1,069
9650241	1009.102045	327.	P.S. 2 BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	2,589



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WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653371	1018.101774	328.	FORCE MAIN IN DORAL N.W. 107TH AVE.	3,296
9653371	1018.102194	329.	WASTEWATER MASTER PLAN	1,899
9652002	1021.101933	330.	REPLACEMENT OF SUBMERSIBLE PUMPING EQUIPMENT	500
968090	1047.103002	333.	SUPPLEMENTAL ENVIRONMENT PROJECT (SEP)	361
2000000580	1048.101757	341.	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	2,126
962670	1040.101862	342.	UPGRADE AND EXPANSION TO PS 187 (CEP-187E)	475
962670	1040.101867	343.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	1,075
962670	1040.102008	344.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	1,042
962670	1040.102009	345.	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	1,162
962670	1040.102073	346.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	687
2000000580	1048.101864	347.	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	1,660
2000000580	1048.102155	348.	CL-8; 24-INCH CONNECTION IN SW 8TH ST. FROM SW 152ND AVE. TO 177TH AVE.	53
9650241	1009.102200	349.	BISCAYNE BASIN PROJECTS RELATED TO CL-1	2,600
9653371	1018.101710	350.	MASTER PUMP STATION NO. 3 (FORMERLY P.S. 8)	3,000
964120	1044.102602	354.	HEADWORKS PLANT 1	1,000
964120	1044.102603	355.	CDWWTP - HEADWORKS PLANT 2	2,000
964120	1044.102604	356.	CDWWTP - OXYGENATION TRAINS PLANT 1	2,000
964120	1044.102616	357.	CDWWTP - CHLORINATION FACILITIES	2,000



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WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102700	358.	NDWWTP - HEADWORKS AND SLUDGE DEGRITTING TRANSFER	4,000
968150	1045.102804	359.	SOUTH DADE 54 INCH PCCP FM REHABILITATION	2,500
964120	1044.102508	360.	SDWWTP - FOG REMOVAL FACILITY	1,000
964440	1046.102911	363.	REPLACEMENT OF SWITCHGEAR AT PS#0187	3,000
968150	1045.102809	364.	OPA-LOCKA AIRPORT 48" PCCP FORCE MAIN REPLACEMENT	2,000
9653281	1019.101733	365.	SANITARY SEWER SYSTEM EXTENSION FOR JPA'S	500
9652101	1008.102201	366.	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	150
9652101	1008.102202	367.	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	150
9653411	1002.102205	368.	2.21.02 SEAWALL PROJECT	490
9653411	1002.102206	369.	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	573
9651061	1010.102208	370.	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	1,500
9651061	1010.102209	371.	CD4.08.02 - REHABILITATION OF 54 INCH PCCP FM IN THE CITY PHASE 2	1,500
9652101	1008.102211	372.	CD4.10.04 OPA LOCKA AIRPORT CONCESSIONS	113
9652101	1008.102212	373.	CD5.09.02 - PHASE II & III REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#301	315
9652101	1008.102213	374.	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	253
Sub-Total				\$274,289
Future Series 2019 - Revenue Bonds				
2000000580	1048.102055	2.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	804



MIAMI-DADE WATER AND SEWER DEPARTMENT

2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000580	1048.101865	6.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	1,586
962670	1040.102006	9.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	3,236
962670	1040.102010	12.	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	1,102
962670	1040.102034	15.	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	2,588
2000000580	1048.102012	16.	SOUTHWEST DADE BOOSTER STATION (SP-1)	3,645
962670	1040.102007	17.	NDWWTP- BZ DEEP INJECTION WELLS (NE-2)	687
9653201	1013.101108	18.	MIAMI SERVICE FACILITY - PHASE 2	3,018
2000000580	1048.101864	20.	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	1,781
9653281	1019.100877	21.	SANITARY SEWER SYSTEM EXTENSION	3,038
964120	1044.102607	22.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	4,560
964120	1044.102609	23.	CDWWTP - RS PUMP STATIONS PLANT 2	2,060
964120	1044.102706	24.	NDWWTP - EFFLUENT DISPOSAL	944
2000000580	1048.102063	32.	24-INCH FM CONNECTION FROM PS 1073 TO PS 691 (SL-6)	2,806
2000000580	1048.102069	35.	48-INCH FORCE MAIN CONNECTION FROM NW 62 AVE AT W 77 ST TO DISCHARGE FORCE MAIN OF PS 307 (NL-4)	93
2000000580	1048.102072	38.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	3,411
2000000580	1048.102077	41.	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	2,151
2000000580	1048.102088	50.	UPGRADE PS 1073 (SP-1073E)	1,572
2000000580	1048.102124	71.	UPGRADE TO PS 522 (SP-522E)	1,112



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.102125	72.	WWTP - STORM SURGE PROTECTION (XS-1)	2,757
964120	1044.102500	79.	SDWWTP - HEADWORKS	247
964120	1044.102503	81.	SDWWTP - CHLORINE BUILDING	414
964120	1044.102504	82.	SDWWTP - EFFLUENT PUMP STATION	3,544
964120	1044.102506	83.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	4,397
964120	1044.102507	84.	SDWWTP - DEWATERING FACILITY	5,085
964120	1044.102510	86.	SDWWTP - GENERAL ELECTRICAL	3,330
964120	1044.102511	87.	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	1,029
964120	1044.102600	88.	CDWWTP - ELECTRICAL IMPROVEMENTS	3,884
964120	1044.102605	89.	CDWWTP - OXYGENATION TRAINS PLANT 2	5,017
964120	1044.102610	90.	CDWWTP - EFFLUENT PUMP STATION	4,421
964120	1044.102611	91.	CDWWTP - SLUDGE THICKENERS PLANT 1	5,270
964120	1044.102613	92.	CDWWTP - DIGESTERS PLANT 1	463
964120	1044.102614	93.	CDWWTP - DIGESTERS PLANT 2	3,447
964120	1044.102615	94.	CDWWTP - DEWATERING BUILDING	5,611
964120	1044.102620	96.	CDWWTP - PUMP STATION 1	4,327
964120	1044.102626	99.	CDWWTP - OXYGEN PRODUCTION	3,549
964120	1044.102701	100.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	3,284
964120	1044.102702	101.	NDWWTP - OXYGENATION TRAINS	2,163



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102703	102.	NDWWTP - OXYGEN PRODUCTION	932
964120	1044.102704	103.	NDWWTP - SECONDARY CLARIFIERS	4,025
964120	1044.102707	104.	NDWWTP - PLANT WIDE ELECTRICAL	1,326
968150	1045.102800	106.	COLLECTION SYSTEM I/I REPAIRS	6,100
968150	1045.102808	107.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	3,184
9655481	1006.101768	108.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	2,000
2000000580	1048.102056	110.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	3,520
2000000580	1048.102087	112.	UPGRADE PS 692 (SP-692E)	3,143
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	1,000
9652002	1021.101934	122.	REPLACEMENT OF VARIABLE FREQUENCY DRIVES (VFD)	1,600
962670	1040.102075	125.	DORAL BOOSTER STATION (WP-1)	735
964120	1044.102505	128.	SDWWTP - GRAVITY SLUDGE THICKENERS	5,874
964120	1044.102612	129.	CDWWTP - SLUDGE THICKENERS PLANT 2	5,834
964120	1044.102617	130.	CDWWTP - ODOR CONTROL SYSTEMS	1,595
964120	1044.102628	131.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	9,833
964120	1044.102705	132.	NDWWTP - DISINFECTION	5,530



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 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	135.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	4,620
2000000580	1048.102156	144.	DOWNTOWN BOOSTER STATION (CP-1)	4,415
962670	1040.101862	146.	UPGRADE AND EXPANSION TO PS 187 (CEP-187E)	828
2000000580	1048.102181	147.	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	3,900
962670	1040.102150	150.	SE-2 SDWWTP BZ DEEP MUNICIPAL INJECTION WELLS	3,459
962670	1040.102151	151.	SE-1 SDWWTP - BZ EFFLUENT DISPOSAL PUMP STATION	5,235
2000000580	1048.102078	167.	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	1,999
2000000580	1048.102079	168.	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	2,677
9650201	1011.100050	169.	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	650
2000000580	1048.102121	171.	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	2,337
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	1,679
9653201	1013.102052	186.	MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION	800
9652002	1021.101816	187.	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS	250
9652002	1021.101823	188.	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	275
9652002	1021.102159	189.	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2,250



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9652002	1021.102160	190.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	784
9652002	1021.102161	191.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	707
9652002	1021.102163	192.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	1,281
9652002	1021.102164	193.	REPLACEMENT OF CONE VALVES	391
9652002	1021.102165	194.	REPLACEMENT OF OBSOLETE GENERATORS	1,033
9653381	1014.100984	195.	REFURBISH STRUCTURES IN PUMP STATIONS	400
964120	1044.102601	196.	CDWWTP - BUILDING IMPROVEMENTS	529
9652061	1032.101885	197.	WWTP - VIDEO SURVEILANCE SYSTEM	3,793
964120	1044.102501	198.	SDWWTP - OXYGEN PRODUCTION	2,162
964120	1044.102502	201.	SDWWTP - OXYGENATION TRAINS	2,289
964120	1044.102624	202.	CDWWTP -VENTILATION IMPROVEMENTS	1,736
968150	1045.102807	203.	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	8
9651071	1015.102192	204.	OUT OF COMPLIANCE PUMP STATIONS	3,000
9653421	1003.102183	206.	CDWWTP FOG RECOVERY STATION	4,000
9653411	1002.101947	207.	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	1,000
9653401	1007.102184	208.	SDWWTP FOG RECOVERY STATION	2,000
964120	1044.102509	221.	SDWWTP - ODOR CONTROL	803
964120	1044.102606	240.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	1,123
964120	1044.102608	241.	CDWWTP - RS PUMP STATIONS PLANT 1	839



MIAMI-DADE WATER AND SEWER DEPARTMENT

2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES

WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.102094	242.	WDWWTP - PEAK FLOW TREATMENT	2,418
2000000580	1048.102155	244.	CL-8; 24-INCH CONNECTION IN SW 8TH ST. FROM SW 152ND AVE. TO 177TH AVE.	57
964440	1046.102908	246.	REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#0301	541
9650201	1011.100890	247.	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	3,000
9652101	1008.102042	250.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	2,781
9650241	1009.102045	251.	P.S. 2 BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	2,279
962670	1040.102096	263.	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	3,057
962670	1040.101867	265.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	2,360
962670	1040.102008	266.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	233
962670	1040.102009	267.	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	526
962670	1040.102073	268.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	687
962670	1040.102076	269.	EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWWTP (CL-4)	4,531
962670	1040.102080	270.	NDWWTP - PEAK FLOW TREATMENT (NT-3)	1,751
962670	1040.102092	271.	WDWWTP - INJECTION WELL PUMP STATION (WE-1)	4,411
2000000580	1048.102086	272.	UPGRADE PS 416 (NP-416E)	134
2000000580	1048.102158	273.	SL-3B TO 48"/54" FM ALONG 137TH AVE FROM SW 136TH ST TO SW 104TH ST	509
2000000580	1048.101757	274.	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	3,347



MIAMI-DADE WATER AND SEWER DEPARTMENT

2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653411	1002.101638	275.	NDWWTP - INJECTION WELLS PS UPGRADE	500
9653421	1003.101656	276.	CDWWTP - SLUDGE HANDLING FACILITY	1,281
9650241	1009.102200	277.	BISCAYNE BASIN PROJECTS RELATED TO CL-1	3,500
9653371	1018.102194	278.	WASTEWATER MASTER PLAN	1,000
9652002	1021.101933	279.	REPLACEMENT OF SUBMERSIBLE PUMPING EQUIPMENT	250
9650371	1025.102126	280.	RELOCATION OF 20 PUMP STATIONS	2,000
9653371	1018.101774	283.	FORCE MAIN IN DORAL N.W. 107TH AVE.	1,000
964120	1044.102618	284.	CDWWTP - CO-GEN FACILITY	3,500
9653201	1013.101506	290.	SOUTH MAINTENANCE CENTER	2,500
9653371	1018.101710	291.	MASTER PUMP STATION NO. 3 (FORMERLY P.S. 8)	3,000
964440	1046.102902	292.	UPGRADE OF PS#0691	2,500
968150	1045.102804	293.	SOUTH DADE 54 INCH PCCP FM REHABILITATION	3,500
964440	1046.102904	294.	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0415	1,500
964440	1046.102917	295.	UPGRADE OF PS #0441, 0491, 0710, 0827, 0852, 1236	2,000
9652101	1008.102201	296.	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	550
9652101	1008.102202	297.	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	350
9653411	1002.102205	298.	2.21.02 SEAWALL PROJECT	750
9653411	1002.102206	299.	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	1,504



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
FUTURE BOND ISSUES
WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9651061	1010.102208	300.	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	1,938
9651061	1010.102209	301.	CD4.08.02 - REHABILITATION OF 54 INCH PCCP FM IN THE CITY PHASE 2	1,750
9652101	1008.102211	302.	CD4.10.04 OPA LOCKA AIRPORT CONCESSIONS	514
9652101	1008.102212	303.	CD5.09.02 - PHASE II & III REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#301	522
9652101	1008.102213	304.	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	766
9652101	1008.101985	306.	WASTEWATER FORCE MAINS UPGRADES	1,000
Sub-Total				\$294,667
Future Series 2020 - Revenue Bonds				
2000000580	1048.102055	9.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	1,281
2000000580	1048.102069	17.	48-INCH FORCE MAIN CONNECTION FROM NW 62 AVE AT W 77 ST TO DISCHARGE FORCE MAIN OF PS 307 (NL-4)	219
2000000580	1048.102086	20.	UPGRADE PS 416 (NP-416E)	267
2000000580	1048.102063	21.	24-INCH FM CONNECTION FROM PS 1073 TO PS 691 (SL-6)	654
2000000580	1048.102077	23.	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	3,020
2000000580	1048.102088	27.	UPGRADE PS 1073 (SP-1073E)	3,452
2000000580	1048.101861	29.	CORAL GABLES REROUTE (CL-2)	243
2000000580	1048.101864	30.	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	2,530
2000000580	1048.101865	31.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	2,695



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**FUTURE BOND ISSUES
WASTEWATER PROJECTS**

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000580	1048.102124	32.	UPGRADE TO PS 522 (SP-522E)	1,500
962670	1040.101867	34.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	3,542
962670	1040.102006	35.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	746
962670	1040.102007	36.	NDWWTP- BZ DEEP INJECTION WELLS (NE-2)	378
962670	1040.102010	39.	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	2,745
962670	1040.102034	42.	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	3,772
962670	1040.102068	43.	48-INCH FM CONNECTION IN NW 58 ST FROM NW 107 AVE TO NW 79 AVE - DORAL (CL-3)	432
962670	1040.102070	44.	54-INCH FM FROM WP-1 (DORAL) TO WDWWT (CL-9)	2,050
962670	1040.102075	46.	DORAL BOOSTER STATION (WP-1)	1,059
962670	1040.102093	50.	WDWWTP - INJECTION WELLS (WE-2)	2,131
962670	1040.102094	51.	WDWWTP - PEAK FLOW TREATMENT	968
962670	1040.102125	52.	WWTP - STORM SURGE PROTECTION (XS-1)	5,537
964120	1044.102502	53.	SDWWTP - OXYGENATION TRAINS	3,206
964120	1044.102503	54.	SDWWTP - CHLORINE BUILDING	2,267
964120	1044.102504	55.	SDWWTP - EFFLUENT PUMP STATION	5,895
964120	1044.102506	56.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	5,405
964120	1044.102510	58.	SDWWTP - GENERAL ELECTRICAL	2,109
964120	1044.102511	59.	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	2,612



MIAMI-DADE WATER AND SEWER DEPARTMENT
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WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102606	61.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	2,136
964120	1044.102607	62.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	6,245
964120	1044.102608	63.	CDWWTP - RS PUMP STATIONS PLANT 1	2,313
964120	1044.102609	64.	CDWWTP - RS PUMP STATIONS PLANT 2	2,129
964120	1044.102613	66.	CDWWTP - DIGESTERS PLANT 1	1,887
964120	1044.102614	67.	CDWWTP - DIGESTERS PLANT 2	5,494
964120	1044.102615	68.	CDWWTP - DEWATERING BUILDING	6,568
964120	1044.102701	72.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	4,385
964120	1044.102702	73.	NDWWTP - OXYGENATION TRAINS	3,863
964120	1044.102703	74.	NDWWTP - OXYGEN PRODUCTION	8,902
964120	1044.102704	75.	NDWWTP - SECONDARY CLARIFIERS	6,798
964120	1044.102707	76.	NDWWTP - PLANT WIDE ELECTRICAL	896
968150	1045.102800	78.	COLLECTION SYSTEM I/I REPAIRS	6,100
9653201	1013.101108	85.	MIAMI SERVICE FACILITY - PHASE 2	4,173
964120	1044.102505	97.	SDWWTP - GRAVITY SLUDGE THICKENERS	6,263
964120	1044.102628	98.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	9,967
2000000580	1048.102012	101.	SOUTHWEST DADE BOOSTER STATION (SP-1)	4,685
962670	1040.102138	104.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	5,079



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WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9652101	1008.102042	107.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	4,696
962670	1040.101862	109.	UPGRADE AND EXPANSION TO PS 187 (CEP-187E)	2,450
2000000580	1048.102181	110.	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	5,315
2000000580	1048.102072	119.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	3,062
2000000580	1048.102156	121.	DOWNTOWN BOOSTER STATION (CP-1)	5,301
2000000580	1048.102087	122.	UPGRADE PS 692 (SP-692E)	4,818
9650201	1011.100050	123.	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	350
962670	1040.102151	126.	SE-1 SDWWTP - BZ EFFLUENT DISPOSAL PUMP STATION	7,486
9652002	1021.101837	127.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	1,975
9655481	1006.101768	135.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	2,000
9652101	1008.101924	136.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	1,987
9653201	1013.101461	137.	NORTH MAINTENANCE CENTER	100
9652002	1021.101823	140.	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	275
9652002	1021.102159	141.	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2,350
9652002	1021.102160	142.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	547
9652002	1021.102161	143.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	979
9652002	1021.102163	144.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	2,719
9652002	1021.102164	145.	REPLACEMENT OF CONE VALVES	1,766



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9652002	1021.102165	146.	REPLACEMENT OF OBSOLETE GENERATORS	438
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	1,000
9653381	1014.100984	149.	REFURBISH STRUCTURES IN PUMP STATIONS	400
964120	1044.102601	150.	CDWWTP - BUILDING IMPROVEMENTS	334
964120	1044.102605	153.	CDWWTP - OXYGENATION TRAINS PLANT 2	4,161
9652061	1032.101885	155.	WWTP - VIDEO SURVEILANCE SYSTEM	160
964120	1044.102617	161.	CDWWTP - ODOR CONTROL SYSTEMS	104
964120	1044.102624	162.	CDWWTP - VENTILATION IMPROVEMENTS	1,658
9651071	1015.102192	163.	OUT OF COMPLIANCE PUMP STATIONS	4,000
9653421	1003.102183	164.	CDWWTP FOG RECOVERY STATION	3,000
9653401	1007.102184	165.	SDWWTP FOG RECOVERY STATION	2,500
2000000580	1048.102121	166.	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	3,954
2000000580	1048.102078	169.	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	2,923
2000000580	1048.102079	170.	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	3,628
962670	1040.102150	176.	SE-2 SDWWTP BZ DEEP MUNICIPAL INJECTION WELLS	3,220
968150	1045.102807	184.	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	5



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000580	1048.102056	193.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	2,963
964120	1044.102509	194.	SDWWTP - ODOR CONTROL	4,019
2000000580	1048.102155	206.	CL-8; 24-INCH CONNECTION IN SW 8TH ST. FROM SW 152ND AVE. TO 177TH AVE.	190
2000000580	1048.102158	207.	SL-3B TO 48"/54" FM ALONG 137TH AVE FROM SW 136TH ST TO SW 104TH ST	1,450
2000000580	1048.102189	208.	FM EXT. FROM 36-INCH AT NW 87 AVE / W 76 ST TO 48-INCH IN NW 67 AVE (NL-2)	234
9650201	1011.100890	209.	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	3,000
9655481	1006.102102	210.	SDWWTP FA MONITORING WELL REPLACEMENT	17
9650241	1009.102045	211.	P.S. 2 BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	902
9653201	1013.101653	213.	11TH STREET DISTRIBUTION FACILITY RENOVATION	389
9653201	1013.102052	214.	MAINTENANCE & STORAGE BUILDING FOR THE PUMP STATION DIVISION	600
962670	1040.102009	218.	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	588
962670	1040.102073	219.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	687
962670	1040.102076	220.	EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWWT (CL-4)	1,560
962670	1040.102080	221.	NDWWTP - PEAK FLOW TREATMENT (NT-3)	1,400
962670	1040.102092	222.	WDWWTP - INJECTION WELL PUMP STATION (WE-1)	3,725
962670	1040.102008	223.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	233
9653411	1002.101947	224.	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	1,500



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653421	1003.101656	225.	CDWWTP - SLUDGE HANDLING FACILITY	120
9650241	1009.102200	226.	BISCAYNE BASIN PROJECTS RELATED TO CL-1	4,500
9653201	1013.101654	227.	WESTWOOD LAKES FACILITY ELEVATOR RENOVATION	100
9650371	1025.102126	228.	RELOCATION OF 20 PUMP STATIONS	1,500
964120	1044.102501	231.	SDWWTP - OXYGEN PRODUCTION	2,000
964120	1044.102507	232.	SDWWTP - DEWATERING FACILITY	6,500
964120	1044.102600	233.	CDWWTP - ELECTRICAL IMPROVEMENTS	3,500
964120	1044.102610	234.	CDWWTP - EFFLUENT PUMP STATION	2,500
964120	1044.102611	235.	CDWWTP - SLUDGE THICKENERS PLANT 1	6,500
964120	1044.102612	236.	CDWWTP - SLUDGE THICKENERS PLANT 2	7,000
964120	1044.102618	237.	CDWWTP - CO-GEN FACILITY	4,500
964120	1044.102620	238.	CDWWTP - PUMP STATION 1	2,000
964120	1044.102705	239.	NDWWTP - DISINFECTION	5,000
962670	1040.102096	251.	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	4,500
964120	1044.102626	252.	CDWWTP - OXYGEN PRODUCTION	4,500
968150	1045.102808	253.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	3,000
964440	1046.102902	254.	UPGRADE OF PS#0691	2,000
2000000580	1048.101757	255.	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	3,000



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
968150	1045.102804	256.	SOUTH DADE 54 INCH PCCP FM REHABILITATION	4,500
9653201	1013.101506	257.	SOUTH MAINTENANCE CENTER	2,000
9653371	1018.101710	258.	MASTER PUMP STATION NO. 3 (FORMERLY P.S. 8)	1,000
964440	1046.102904	259.	REPLACEMENT OF SWITCHGEAR AND REHABILITATION OF WET WELL PS#0415	500
9652101	1008.102201	260.	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	950
9652101	1008.102202	261.	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	750
9653411	1002.102205	262.	2.21.02 SEAWALL PROJECT	1,249
9653411	1002.102206	263.	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	1,714
9651061	1010.102208	264.	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	2,500
9651061	1010.102209	265.	CD4.08.02 - REHABILITATION OF 54 INCH PCCP FM IN THE CITY PHASE 2	2,000
9652101	1008.102211	266.	CD4.10.04 OPA LOCKA AIRPORT CONCESSIONS	396
9652101	1008.102212	267.	CD5.09.02 - PHASE II & III REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#301	1,500
9652101	1008.102213	268.	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	1,268
9653371	1018.101774	270.	FORCE MAIN IN DORAL N.W. 107TH AVE.	1,000
9653281	1019.100877	271.	SANITARY SEWER SYSTEM EXTENSION	1,000
9652101	1008.101985	272.	WASTEWATER FORCE MAINS UPGRADES	1,000
9653411	1002.101638	273.	NDWWTP - INJECTION WELLS PS UPGRADE	1,000
Sub-Total				\$339,011



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
Future Series 2021 - Revenue Bonds				
2000000580	1048.102069	10.	48-INCH FORCE MAIN CONNECTION FROM NW 62 AVE AT W 77 ST TO DISCHARGE FORCE MAIN OF PS 307 (NL-4)	512
2000000580	1048.102063	13.	24-INCH FM CONNECTION FROM PS 1073 TO PS 691 (SL-6)	33
9650201	1011.100050	14.	REHABILITATION OF SEWER MAINS DUE TO I/I - SECTIONAL LINING	224
962670	1040.101862	16.	UPGRADE AND EXPANSION TO PS 187 (CEP-187E)	1,013
2000000580	1048.101864	17.	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	4,009
2000000580	1048.101865	18.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	3,075
2000000580	1048.102124	19.	UPGRADE TO PS 522 (SP-522E)	1,500
962670	1040.101858	21.	FLOW CONTROL PIPELINE INTERCONNECTION (CL-X)	42
962670	1040.101867	22.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	4,527
962670	1040.102006	23.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	1,207
962670	1040.102007	24.	NDWWTP- BZ DEEP INJECTION WELLS (NE-2)	3,061
962670	1040.102008	25.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	233
962670	1040.102009	26.	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	221
962670	1040.102034	30.	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	4,132
962670	1040.102068	31.	48-INCH FM CONNECTION IN NW 58 ST FROM NW 107 AVE TO NW 79 AVE - DORAL (CL-3)	1,624
962670	1040.102070	32.	54-INCH FM FROM WP-1 (DORAL) TO WDWWT (CL-9)	3,859



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.102071	33.	72-INCH FM CONNECTION IN SW 137 AVE TO CL-4 FM IN NW 6 ST (CL-5)	802
962670	1040.102075	34.	DORAL BOOSTER STATION (WP-1)	3,288
962670	1040.102092	41.	WDWWTP - INJECTION WELL PUMP STATION (WE-1)	1,088
962670	1040.102093	42.	WDWWTP - INJECTION WELLS (WE-2)	4,824
962670	1040.102094	43.	WDWWTP - PEAK FLOW TREATMENT	1,703
962670	1040.102125	44.	WWTP - STORM SURGE PROTECTION (XS-1)	4,031
962670	1040.102138	45.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	6,752
964120	1044.102503	47.	SDWWTP - CHLORINE BUILDING	379
964120	1044.102504	48.	SDWWTP - EFFLUENT PUMP STATION	6,790
964120	1044.102606	52.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	3,393
964120	1044.102608	53.	CDWWTP - RS PUMP STATIONS PLANT 1	3,956
964120	1044.102609	54.	CDWWTP - RS PUMP STATIONS PLANT 2	2,132
964120	1044.102613	55.	CDWWTP - DIGESTERS PLANT 1	2,847
964120	1044.102628	57.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	9,930
964120	1044.102702	58.	NDWWTP - OXYGENATION TRAINS	5,070
964120	1044.102703	59.	NDWWTP - OXYGEN PRODUCTION	5,942
964120	1044.102704	60.	NDWWTP - SECONDARY CLARIFIERS	7,397
964120	1044.102707	62.	NDWWTP - PLANT WIDE ELECTRICAL	675



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
968150	1045.102800	64.	COLLECTION SYSTEM I/I REPAIRS	6,100
964120	1044.102502	65.	SDWWTP - OXYGENATION TRAINS	4,874
964120	1044.102607	72.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	7,110
964120	1044.102614	73.	CDWWTP - DIGESTERS PLANT 2	6,090
9652101	1008.101924	94.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	2,750
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	1,875
9652002	1021.102159	104.	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2,460
9652002	1021.102160	105.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	1,389
9652002	1021.102163	107.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	3,500
9652002	1021.102164	108.	REPLACEMENT OF CONE VALVES	179
9652002	1021.102165	109.	REPLACEMENT OF OBSOLETE GENERATORS	3,684
9653381	1014.100984	110.	REFURBISH STRUCTURES IN PUMP STATIONS	500
964120	1044.102601	111.	CDWWTP - BUILDING IMPROVEMENTS	231



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000580	1048.102190	125.	42-INCH FM FROM PS306 - RED ROAD (NL-1C)	522
2000000580	1048.102191	126.	PUMP STATION 0306 (PS-306)	1,510
964120	1044.102624	128.	CDWWTP -VENTILATION IMPROVEMENTS	1,228
9651071	1015.102192	129.	OUT OF COMPLIANCE PUMP STATIONS	5,000
9655481	1006.101768	131.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	2,001
2000000580	1048.102055	132.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	1,693
9652101	1008.102042	133.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	3,816
2000000580	1048.102086	135.	UPGRADE PS 416 (NP-416E)	375
2000000580	1048.102121	136.	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	4,013
2000000580	1048.102077	140.	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	4,229
2000000580	1048.102078	141.	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	3,291
2000000580	1048.102079	142.	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	4,545
2000000580	1048.102087	143.	UPGRADE PS 692 (SP-692E)	5,353
2000000580	1048.102088	144.	UPGRADE PS 1073 (SP-1073E)	2,038
9653201	1013.101108	145.	MIAMI SERVICE FACILITY - PHASE 2	4,014
9653201	1013.101461	146.	NORTH MAINTENANCE CENTER	400
964120	1044.102510	148.	SDWWTP - GENERAL ELECTRICAL	69



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.102010	153.	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	3,379
968150	1045.102807	163.	REHABILITATION OF 54 INCH PCCP FM IN THE CITY OF MIAMI	1
2000000580	1048.102012	169.	SOUTHWEST DADE BOOSTER STATION (SP-1)	5,251
2000000580	1048.102056	171.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	3,433
964120	1044.102509	172.	SDWWTP - ODOR CONTROL	8,592
2000000580	1048.102155	180.	CL-8; 24-INCH CONNECTION IN SW 8TH ST. FROM SW 152ND AVE. TO 177TH AVE.	344
2000000580	1048.102158	181.	SL-3B TO 48"/54" FM ALONG 137TH AVE FROM SW 136TH ST TO SW 104TH ST	3,719
2000000580	1048.101759	182.	48-INCH - ALLOWS P.S. 300 TO PUMP NORTH TO P.S. 1310 DISCHARGE (NL-7)	13
2000000580	1048.101861	183.	CORAL GABLES REROUTE (CL-2)	9
2000000580	1048.102041	184.	DORAL BASIN UPGRADE - 24 INCH FORCE MAIN NW 74TH ST FROM NW 97 TO NW 107 AVE. (CL-6)	87
2000000580	1048.102189	185.	FM EXT. FROM 36-INCH AT NW 87 AVE / W 76 ST TO 48-INCH IN NW 67 AVE (NL-2)	627
9653421	1003.102183	186.	CDWWTP FOG RECOVERY STATION	1,000
9653401	1007.102184	187.	SDWWTP FOG RECOVERY STATION	1,000
9652002	1021.101930	188.	REPLACEMENT OF MECHANICAL EQUIPMENT IN REGIONAL PUMP STATIONS	437
2000000580	1048.102156	191.	DOWNTOWN BOOSTER STATION (CP-1)	4,760



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.102073	192.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	1,961
962670	1040.102076	193.	EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWWT (CL-4)	1,103
962670	1040.102080	194.	NDWWTP - PEAK FLOW TREATMENT (NT-3)	295
2000000580	1048.102199	195.	XL-1 48-INCH LINING FROM PS 300 TO NDWWTP	759
962670	1040.102150	196.	SE-2 SDWWTP BZ DEEP MUNICIPAL INJECTION WELLS	3,670
9653411	1002.101947	197.	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	1,000
9650241	1009.102200	198.	BISCAYNE BASIN PROJECTS RELATED TO CL-1	4,816
9653201	1013.101653	199.	11TH STREET DISTRIBUTION FACILITY RENOVATION	1,211
9653201	1013.101654	200.	WESTWOOD LAKES FACILITY ELEVATOR RENOVATION	600
9650371	1025.102126	202.	RELOCATION OF 20 PUMP STATIONS	500
9652002	1021.102161	203.	CONVERSION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	3,894
962670	1040.102151	204.	SE-1 SDWWTP - BZ EFFLUENT DISPOSAL PUMP STATION	8,000
2000000580	1048.102181	205.	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	6,500
2000000580	1048.102072	206.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	4,500
964120	1044.102505	208.	SDWWTP - GRAVITY SLUDGE THICKENERS	6,500
964120	1044.102506	209.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	6,000
964120	1044.102507	210.	SDWWTP - DEWATERING FACILITY	5,500
964120	1044.102511	211.	SDWWTP - CHLORINE CONTACT CHAMBER STRUCTURAL	1,000
964120	1044.102605	212.	CDWWTP - OXYGENATION TRAINS PLANT 2	3,800



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102610	213.	CDWWTP - EFFLUENT PUMP STATION	1,500
964120	1044.102611	214.	CDWWTP - SLUDGE THICKENERS PLANT 1	4,500
964120	1044.102615	215.	CDWWTP - DEWATERING BUILDING	6,500
964120	1044.102701	216.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	5,500
964120	1044.102705	217.	NDWWTP - DISINFECTION	5,000
964120	1044.102626	225.	CDWWTP - OXYGEN PRODUCTION	5,100
968150	1045.102808	226.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	3,000
964440	1046.102902	227.	UPGRADE OF PS#0691	1,500
964120	1044.102618	228.	CDWWTP - CO-GEN FACILITY	3,500
9653201	1013.101506	229.	SOUTH MAINTENANCE CENTER	3,500
962670	1040.102096	230.	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	5,000
964120	1044.102612	231.	CDWWTP - SLUDGE THICKENERS PLANT 2	5,500
968150	1045.102804	232.	SOUTH DADE 54 INCH PCCP FM REHABILITATION	6,000
964120	1044.102600	233.	CDWWTP - ELECTRICAL IMPROVEMENTS	2,500
2000000580	1048.101757	234.	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	2,500
9652101	1008.102201	235.	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	1,000
9652101	1008.102202	236.	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	1,000
9653411	1002.102205	237.	2.21.02 SEAWALL PROJECT	1,000



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WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653411	1002.102206	238.	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	1,600
9651061	1010.102208	239.	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	3,500
9651061	1010.102209	240.	CD4.08.02 - REHABILITATION OF 54 INCH PCCP FM IN THE CITY PHASE 2	2,500
9652101	1008.102211	241.	CD4.10.04 OPA LOCKA AIRPORT CONCESSIONS	800
9652101	1008.102212	242.	CD5.09.02 - PHASE II & III REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#301	1,750
9652101	1008.102213	243.	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	1,500
9653371	1018.101774	245.	FORCE MAIN IN DORAL N.W. 107TH AVE.	1,000
9653281	1019.100877	246.	SANITARY SEWER SYSTEM EXTENSION	500
9655481	1006.102102	247.	SDWWTP FA MONITORING WELL REPLACEMENT	1,000
9652101	1008.101985	248.	WASTEWATER FORCE MAINS UPGRADES	1,000
9650201	1011.100890	249.	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	1,000
9653411	1002.101638	250.	NDWWTP - INJECTION WELLS PS UPGRADE	1,000
9652061	1032.102004	251.	WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES - (CPCS)	500
Sub-Total				\$364,124
Future Series 2022 - Revenue Bonds				
964120	1044.102502	19.	SDWWTP - OXYGENATION TRAINS	5,754
964120	1044.102509	21.	SDWWTP - ODOR CONTROL	2,017
964120	1044.102510	22.	SDWWTP - GENERAL ELECTRICAL	26



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102601	23.	CDWWTP - BUILDING IMPROVEMENTS	16
964120	1044.102606	24.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	4,713
964120	1044.102607	25.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	6,141
964120	1044.102608	26.	CDWWTP - RS PUMP STATIONS PLANT 1	3,462
964120	1044.102609	27.	CDWWTP - RS PUMP STATIONS PLANT 2	2,307
964120	1044.102613	28.	CDWWTP - DIGESTERS PLANT 1	1,644
964120	1044.102624	30.	CDWWTP - VENTILATION IMPROVEMENTS	918
964120	1044.102628	31.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	9,858
9651071	1015.102192	33.	OUT OF COMPLIANCE PUMP STATIONS	6,000
962670	1040.101858	34.	FLOW CONTROL PIPELINE INTERCONNECTION (CL-X)	247
962670	1040.101862	35.	UPGRADE AND EXPANSION TO PS 187 (CEP-187E)	3,000
962670	1040.102006	36.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	3,554
962670	1040.102010	37.	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	5,147
962670	1040.102034	38.	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	6,624
962670	1040.102080	39.	NDWWTP - PEAK FLOW TREATMENT (NT-3)	3,381
962670	1040.102094	40.	WDWWTP - PEAK FLOW TREATMENT	4,926
2000000580	1048.101864	41.	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	5,558
2000000580	1048.101865	42.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	4,737



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000580	1048.102155	44.	CL-8; 24-INCH CONNECTION IN SW 8TH ST. FROM SW 152ND AVE. TO 177TH AVE.	4,474
2000000580	1048.102158	45.	SL-3B TO 48"/54" FM ALONG 137TH AVE FROM SW 136TH ST TO SW 104TH ST	5,351
964120	1044.102702	46.	NDWWTP - OXYGENATION TRAINS	7,936
964120	1044.102703	47.	NDWWTP - OXYGEN PRODUCTION	1,796
964120	1044.102704	48.	NDWWTP - SECONDARY CLARIFIERS	6,294
968150	1045.102800	49.	COLLECTION SYSTEM I/I REPAIRS	6,100
964120	1044.102707	50.	NDWWTP - PLANT WIDE ELECTRICAL	702
2000000580	1048.101759	51.	48-INCH - ALLOWS P.S. 300 TO PUMP NORTH TO P.S. 1310 DISCHARGE (NL-7)	54
2000000580	1048.101861	52.	CORAL GABLES REROUTE (CL-2)	5,175
2000000580	1048.102041	53.	DORAL BASIN UPGRADE - 24 INCH FORCE MAIN NW 74TH ST FROM NW 97 TO NW 107 AVE. (CL-6)	63
2000000580	1048.102064	54.	24-INCH FM FROM PS 416 TO 30-INCH FM AT NW 171 ST / 67 AVE (NL-6)	208
2000000580	1048.102066	55.	30-INCH FORCE MAIN IN W 12 AVE (NW 67 AVE) FROM W 79 ST TO W 84 ST (NW 138 ST) (NL-3)	56
2000000580	1048.102086	56.	UPGRADE PS 416 (NP-416E)	787
2000000580	1048.102189	57.	FM EXT. FROM 36-INCH AT NW 87 AVE / W 76 ST TO 48-INCH IN NW 67 AVE (NL-2)	1,190
2000000580	1048.102190	58.	42-INCH FM FROM PS306 - RED ROAD (NL-1C)	2,713



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000580	1048.102191	59.	PUMP STATION 0306 (PS-306)	3,108
2000000580	1048.102069	60.	48-INCH FORCE MAIN CONNECTION FROM NW 62 AVE AT W 77 ST TO DISCHARGE FORCE MAIN OF PS 307 (NL-4)	3,568
9655481	1006.101768	61.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	3,500
9652101	1008.101924	63.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	3,200
9652101	1008.102042	64.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	1,000
9653201	1013.101108	67.	MIAMI SERVICE FACILITY - PHASE 2	1,000
9653201	1013.101461	68.	NORTH MAINTENANCE CENTER	2,175
9653201	1013.101999	69.	WEST MAINTENANCE CENTER	3,000
9653201	1013.102000	70.	GENERAL MAINTENANCE LAND ACQUISITION - SEWER	2,359
9653201	1013.102001	71.	LEJEUNE ROAD OFFICE EXPANSION - PHASE 2	1,976
9652002	1021.101816	72.	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS	250
9652002	1021.101823	73.	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	285
9652002	1021.101837	74.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	1,980
9652002	1021.102159	75.	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2,460
962670	1040.101867	80.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	5,013
962670	1040.102007	81.	NDWWTP- BZ DEEP INJECTION WELLS (NE-2)	4,839
962670	1040.102008	82.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	1,842



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.102009	83.	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	1,502
962670	1040.102068	84.	48-INCH FM CONNECTION IN NW 58 ST FROM NW 107 AVE TO NW 79 AVE - DORAL (CL-3)	754
962670	1040.102070	85.	54-INCH FM FROM WP-1 (DORAL) TO WDWWT (CL-9)	4,899
962670	1040.102071	86.	72-INCH FM CONNECTION IN SW 137 AVE TO CL-4 FM IN NW 6 ST (CL-5)	2,047
962670	1040.102073	87.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	717
962670	1040.102076	88.	EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWWT (CL-4)	2,085
962670	1040.102092	89.	WDWWT - INJECTION WELL PUMP STATION (WE-1)	5,478
962670	1040.102093	90.	WDWWT - INJECTION WELLS (WE-2)	6,625
962670	1040.102125	91.	WWTP - STORM SURGE PROTECTION (XS-1)	5,541
962670	1040.102138	92.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	7,552
962670	1040.102075	93.	DORAL BOOSTER STATION (WP-1)	5,809
2000000580	1048.102199	94.	XL-1 48-INCH LINING FROM PS 300 TO NDWWTP	488
9653421	1003.101991	95.	CDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION	986
9653201	1013.101653	96.	11TH STREET DISTRIBUTION FACILITY RENOVATION	1,000
9653201	1013.101654	97.	WESTWOOD LAKES FACILITY ELEVATOR RENOVATION	800
9652002	1021.102160	98.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	3,430
9652002	1021.102163	99.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	315
9652002	1021.102164	100.	REPLACEMENT OF CONE VALVES	212



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9652002	1021.102165	101.	REPLACEMENT OF OBSOLETE GENERATORS	240
9652002	1021.102161	102.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	567
962670	1040.102151	103.	SE-1 SDWWTP - BZ EFFLUENT DISPOSAL PUMP STATION	7,000
2000000580	1048.102012	104.	SOUTHWEST DADE BOOSTER STATION (SP-1)	6,000
2000000580	1048.102055	105.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	1,500
2000000580	1048.102056	106.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	4,500
2000000580	1048.102067	107.	42-INCH FM CONNECTION FROM PS 691 TO PS 692 (SL-5)	801
2000000580	1048.102077	108.	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	5,500
2000000580	1048.102087	109.	UPGRADE PS 692 (SP-692E)	5,726
2000000580	1048.102088	110.	UPGRADE PS 1073 (SP-1073E)	40
2000000580	1048.102121	111.	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	5,500
2000000580	1048.102181	112.	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	5,500
2000000580	1048.102072	113.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	2,500
2000000580	1048.102156	114.	DOWNTOWN BOOSTER STATION (CP-1)	6,000
9650241	1009.102200	115.	BISCAYNE BASIN PROJECTS RELATED TO CL-1	5,500
964120	1044.102504	116.	SDWWTP - EFFLUENT PUMP STATION	5,500
964120	1044.102506	117.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	8,000
964120	1044.102605	118.	CDWWTP - OXYGENATION TRAINS PLANT 2	3,500



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102614	119.	CDWWTP - DIGESTERS PLANT 2	7,500
964120	1044.102615	126.	CDWWTP - DEWATERING BUILDING	6,500
964120	1044.102701	127.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	6,000
964120	1044.102705	128.	NDWWTP - DISINFECTION	5,000
9653201	1013.101506	129.	SOUTH MAINTENANCE CENTER	2,500
962670	1040.102096	130.	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	6,500
964120	1044.102505	131.	SDWWTP - GRAVITY SLUDGE THICKENERS	5,500
964120	1044.102507	132.	SDWWTP - DEWATERING FACILITY	4,500
964120	1044.102611	133.	CDWWTP - SLUDGE THICKENERS PLANT 1	3,500
964120	1044.102612	134.	CDWWTP - SLUDGE THICKENERS PLANT 2	4,500
964120	1044.102618	135.	CDWWTP - CO-GEN FACILITY	2,500
964120	1044.102626	136.	CDWWTP - OXYGEN PRODUCTION	6,000
968150	1045.102804	137.	SOUTH DADE 54 INCH PCCP FM REHABILITATION	7,500
968150	1045.102808	138.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	1,000
2000000580	1048.102078	139.	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	4,500
2000000580	1048.102079	140.	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	5,000
2000000580	1048.102124	141.	UPGRADE TO PS 522 (SP-522E)	1,500
962670	1040.102150	142.	SE-2 SDWWTP BZ DEEP MUNICIPAL INJECTION WELLS	3,500



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000580	1048.101757	143.	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	500
9652101	1008.102201	144.	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	1,500
9652101	1008.102202	145.	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	1,500
9653411	1002.102206	146.	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	490
9651061	1010.102208	147.	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	4,500
9651061	1010.102209	148.	CD4.08.02 - REHABILITATION OF 54 INCH PCCP FM IN THE CITY PHASE 2	621
9652101	1008.102211	149.	CD4.10.04 OPA LOCKA AIRPORT CONCESSIONS	800
9652101	1008.102212	150.	CD5.09.02 - PHASE II & III REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#301	2,000
9652101	1008.102213	151.	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	1,750
9653371	1018.101774	154.	FORCE MAIN IN DORAL N.W. 107TH AVE.	1,000
9650371	1025.102126	155.	RELOCATION OF 20 PUMP STATIONS	1,000
9653411	1002.102205	156.	2.21.02 SEAWALL PROJECT	1,000
9655481	1006.102102	157.	SDWWTP FA MONITORING WELL REPLACEMENT	1,000
9653401	1007.102184	158.	SDWWTP FOG RECOVERY STATION	1,000
9652101	1008.101985	159.	WASTEWATER FORCE MAINS UPGRADES	1,000
9650201	1011.100890	160.	REHABILITATION OF SEWER MAINS DUE TO I/I - CURED-IN-PLACE LINING	1,000
9653411	1002.101638	161.	NDWWTP - INJECTION WELLS PS UPGRADE	1,000
9653411	1002.101947	162.	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	1,000



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653281	1019.100877	163.	SANITARY SEWER SYSTEM EXTENSION	500
9652061	1032.102004	164.	WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES - (CPCS)	500
Sub-Total				\$395,757
Future Funding				
9652101	1008.101985	2.	WASTEWATER FORCE MAINS UPGRADES	24,450
9653421	1003.101991	8.	CDWWTP STRUVITE CONTROL PROCESS IMPLEMENTATION	7,514
9653401	1007.101993	10.	SDWWTP CENTRATE TREATMENT PROCESS - (CPCS)	23,284
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 - (CPCS)	21,678
9650241	1009.101996	13.	12 INCH DIP FM AT SW 87 AVE - 6850 - (CPCS)	828
9653261	1029.102018	33.	UPGRADE WHOLESALE WASTEWATER FLOW METERS - (CPCS)	51,650
9652101	1008.102153	48.	60-INCH WEST MIAMI-DADE FORCE MAIN - NORTH - (CPCS)	28,307
9652101	1008.102154	49.	60-INCH WEST MIAMI-DADE FORCE MAIN - SOUTH - (CPCS)	311,758
9653201	1013.102030	79.	EMERGENCY PREPAREDNESS/RECOVERY PROJECTS - (CPCS)	25,000
9653281	1019.102195	80.	WASTEWATER NEEDS ASSESMENT FOR NEW GRAVITY SEWER PHASE 1 - (CPCS)	190,133
Sub-Total				\$692,103
Future Series - Revenue Bonds				
962670	1040.101867	45.	CDWWTP HLD FILTERS (141 MGD) (CT-2)	251,928



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102613	200.	CDWWTP - DIGESTERS PLANT 1	387
964120	1044.102624	206.	CDWWTP - VENTILATION IMPROVEMENTS	867
964120	1044.102502	208.	SDWWTP - OXYGENATION TRAINS	16,228
964120	1044.102702	219.	NDWWTP - OXYGENATION TRAINS	45,687
964120	1044.102704	221.	NDWWTP - SECONDARY CLARIFIERS	9,445
968150	1045.102800	226.	COLLECTION SYSTEM I/I REPAIRS	51,287
962670	1040.101858	236.	FLOW CONTROL PIPELINE INTERCONNECTION (CL-X)	6,098
962670	1040.102034	239.	WEST DISTRICT WASTEWATER TREATMENT PLANT (WT-1)	1,855,528
2000000580	1048.102064	241.	24-INCH FM FROM PS 416 TO 30-INCH FM AT NW 171 ST / 67 AVE (NL-6)	6,750
2000000580	1048.102066	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)	1,752
2000000580	1048.102069	246.	48-INCH FORCE MAIN CONNECTION FROM NW 62 AVE AT W 77 ST TO DISCHARGE FORCE MAIN OF PS 307 (NL-4)	6,036
962670	1040.102070	247.	54-INCH FM FROM WP-1 (DORAL) TO WDWTP (CL-9)	126,133
962670	1040.102073	250.	CDWWTP - PEAK FLOW TREATMENT (CT-3)	52,050
962670	1040.102076	251.	EAST/WEST 72/84-INCH FM CONNECTION FROM PS 187 TO WDWTP (CL-4)	232,854
962670	1040.102092	261.	WDWWTP - INJECTION WELL PUMP STATION (WE-1)	113,134
962670	1040.102093	262.	WDWWTP - INJECTION WELLS (WE-2)	138,315
962670	1040.102094	263.	WDWWTP - PEAK FLOW TREATMENT	29,560
962670	1040.102125	272.	WWTP - STORM SURGE PROTECTION (XS-1)	111,693



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
962670	1040.102068	300.	48-INCH FM CONNECTION IN NW 58 ST FROM NW 107 AVE TO NW 79 AVE - DORAL (CL-3)	53,696
964120	1044.102606	301.	CDWWTP - SECONDARY CLARIFIERS PLANT 1	6,333
964120	1044.102608	302.	CDWWTP - RS PUMP STATIONS PLANT 1	2,482
962670	1040.102006	308.	NDWWTP - HLD TREATMENT 57 MGD (NT-2)	110,163
962670	1040.102007	309.	NDWWTP- BZ DEEP INJECTION WELLS (NE-2)	51,539
962670	1040.102008	310.	NDWWTP - BZ DISPOSAL EFFLUENT PUMP STATION (NE-1)	34,396
962670	1040.102009	311.	CDWWTP- BZ DISPOSAL EFFLUENT PUMP STATION (CE-1)	81,182
962670	1040.102138	315.	OWNERS REPRESENTATIVE SERVICES FOR OOL PROGRAM AND WASTEWATER SYSTEM	183,058
962670	1040.101862	319.	UPGRADE AND EXPANSION TO PS 187 (CEP-187E)	61,862
9653411	1002.102097	347.	CHEMICALLY ENHANCED PRIMARY TREATMENT AT NDWWTP - (CPCS)	18,000
962670	1040.102075	362.	DORAL BOOSTER STATION (WP-1)	17,430
2000000580	1048.102189	369.	FM EXT. FROM 36-INCH AT NW 87 AVE / W 76 ST TO 48-INCH IN NW 67 AVE (NL-2)	28,070
2000000580	1048.102190	370.	42-INCH FM FROM PS306 - RED ROAD (NL-1C)	32,833
2000000580	1048.102191	372.	PUMP STATION 0306 (PS-306)	51,934
9651071	1015.102192	373.	OUT OF COMPLIANCE PUMP STATIONS	94,467
9655481	1006.101768	375.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - REDLANDS EDGE	18,800
9652101	1008.102042	379.	DORAL BASIN UPGRADE - LOCAL PUMP STATION UPGRADES	3,000



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653201	1013.101108	393.	MIAMI SERVICE FACILITY - PHASE 2	6,000
9653201	1013.101461	394.	NORTH MAINTENANCE CENTER	9,500
962670	1040.102010	401.	CDWWTP- BZ DEEP INJECTION WELLS (CD-2)	53,418
968090	1047.103001	415.	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PUMP STATIONS	71,382
2000000580	1048.101759	430.	48-INCH - ALLOWS P.S. 300 TO PUMP NORTH TO P.S. 1310 DISCHARGE (NL- 7)	1,991
2000000580	1048.101861	431.	CORAL GABLES REROUTE (CL-2)	13,889
2000000580	1048.102041	432.	DORAL BASIN UPGRADE - 24 INCH FORCE MAIN NW 74TH ST FROM NW 97 TO NW 107 AVE. (CL-6)	3,116
2000000580	1048.102086	433.	UPGRADE PS 416 (NP-416E)	6,795
9653201	1013.101999	435.	WEST MAINTENANCE CENTER	37,590
9653201	1013.102001	437.	LEJEUNE ROAD OFFICE EXPANSION - PHASE 2	2,108
968090	1047.103000	442.	WASTEWATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - GRAVITY AND FORCE MAINS	77,330
962670	1040.102071	445.	72-INCH FM CONNECTION IN SW 137 AVE TO CL-4 FM IN NW 6 ST (CL-5)	25,231
962670	1040.102080	446.	NDWWTP - PEAK FLOW TREATMENT (NT-3)	34,177
2000000580	1048.101864	447.	PEAK FLOW - PUMP STATION UPGRADES - CAPACITY (PSPF)	311,277
2000000580	1048.101865	448.	PEAK FLOW MANAGEMENT - PUMP STATION OPTIMIZATION PLAN (PSOP)	37,370
2000000580	1048.102155	449.	CL-8; 24-INCH CONNECTION IN SW 8TH ST. FROM SW 152ND AVE. TO 177TH AVE.	1,706



MIAMI-DADE WATER AND SEWER DEPARTMENT

2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

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WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000580	1048.102158	450.	SL-3B TO 48"/54" FM ALONG 137TH AVE FROM SW 136TH ST TO SW 104TH ST	7,833
2000000580	1048.102199	451.	XL-1 48-INCH LINING FROM PS 300 TO NDWWTP	25,407
9653201	1013.101653	452.	11TH STREET DISTRIBUTION FACILITY RENOVATION	1,000
9652002	1021.101816	453.	INSTALLATION OF ODOR CONTROL UNITS AT PUMP STATIONS	250
9652002	1021.101823	454.	INSTALLATION OF SECURITY SYSTEMS AT PUMP STATIONS	285
9652002	1021.101837	455.	REPLACEMENT OF MOTOR CONTROL CENTERS AND SWITCHGEAR AT REGIONAL PUMP STATIONS	2,880
9652002	1021.102159	456.	CONVERSION OF 12 SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	2,200
2000000580	1048.102055	457.	ST-1 TO SDWWTP UPGRADES TO 121 MGD ADF	38,280
2000000580	1048.102067	458.	42-INCH FM CONNECTION FROM PS 691 TO PS 692 (SL-5)	25,668
2000000580	1048.102077	459.	SL-4 TO 48" FM FROM PS 692 TO INTERSECTION OF SW 268TH ST AND SW 127TH AVE	68,500
2000000580	1048.102121	460.	SL-1 TO SL-1B: 54/72" FM CONNECTION FROM SW 248TH ST/SW 112TH AVE TO SDWWTP	27,500
2000000580	1048.102056	461.	ST-2 SDWWTP UPGRADES FROM 121 MGD TO 131 MGD ADF	313,500
964120	1044.102607	462.	CDWWTP - SECONDARY CLARIFIERS PLANT 2	10,000
964120	1044.102628	463.	CONSENT DECREE PROGRAM MANAGEMENT & CONSTRUCTION MANAGEMENT	42,000
964120	1044.102506	470.	SDWWTP - DIGESTERS AND CONTROL BUILDINGS	69,000
964120	1044.102615	471.	CDWWTP - DEWATERING BUILDING	10,000



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WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
964120	1044.102701	472.	NDWWTP - PRIMARY CLARIFIERS AND ODOR CONTROL	38,200
964120	1044.102705	473.	NDWWTP - DISINFECTION	4,000
2000000580	1048.102012	474.	SOUTHWEST DADE BOOSTER STATION (SP-1)	34,000
2000000580	1048.102072	475.	NL-1A TO PHASE I: 48" FM FROM BISCAYNE BLVD. TO N. MIAMI AVE.	44,000
2000000580	1048.102087	476.	UPGRADE PS 692 (SP-692E)	16,000
2000000580	1048.102181	477.	NL-1B TO PHASE II: 48" FM FROM N. MIAMI AVE. TO PS 306	32,000
964120	1044.102614	478.	CDWWTP - DIGESTERS PLANT 2	88,500
9653201	1013.101506	479.	SOUTH MAINTENANCE CENTER	8,500
962670	1040.102096	480.	CDWWTP PUMP STATION FOR CENTRATE WELL (CE-3)	15,300
964120	1044.102505	481.	SDWWTP - GRAVITY SLUDGE THICKENERS	7,000
964120	1044.102507	482.	SDWWTP - DEWATERING FACILITY	7,500
964120	1044.102605	483.	CDWWTP - OXYGENATION TRAINS PLANT 2	2,700
964120	1044.102611	484.	CDWWTP - SLUDGE THICKENERS PLANT 1	3,500
964120	1044.102618	485.	CDWWTP - CO-GEN FACILITY	15,000
968150	1045.102804	486.	SOUTH DADE 54 INCH PCCP FM REHABILITATION	19,000
2000000580	1048.102078	487.	SL-3A TO 48"/54" FM FROM SP-1 TO INTERSECTION OF SW 137TH AVE/SW 136TH ST.	3,500
2000000580	1048.102079	488.	SL-2 TO 54"/60" FM FROM SP-1 TO SL-1B	3,000
9650241	1009.102200	489.	BISCAYNE BASIN PROJECTS RELATED TO CL-1	4,000



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000580	1048.102124	490.	UPGRADE TO PS 522 (SP-522E)	541
962670	1040.102150	493.	SE-2 SDWWTP BZ DEEP MUNICIPAL INJECTION WELLS	3,500
964120	1044.102504	494.	SDWWTP - EFFLUENT PUMP STATION	4,500
2000000580	1048.102156	495.	DOWNTOWN BOOSTER STATION (CP-1)	11,000
2000000580	1048.102082	496.	NORTH DADE BOOSTER STATION AT NW 183 ST / NW 57 AVE (NP-1) - (CPCS)	15,000
9650201	1011.101807	497.	REHAB OF ALL JUNCTION CHAMBERS AND ASSOCIATED LINES - (CPCS)	500
9651061	1010.102051	499.	UPGRADE 6" FM AT SW 160 ST AND 92 AVE - (CPCS)	1,400
9652061	1032.102004	500.	WASTEWATER TREATMENT PLANTS MISCELLANEOUS UPGRADES - (CPCS)	6,500
9652101	1008.101986	502.	18 INCH DIP FM FROM ISLAND DRIVE - (CPCS)	4,674
9652101	1008.102065	503.	24-INCH FORCE MAIN EXTENSION IN NW 167 ST FROM NW 58 AVE TO NW 49 AVE THEN SOUTH TO NW 156 ST - (CPCS)	6,120
9653281	1019.101722	507.	DESIGN AND ENGINEERING SERVICES FOR SANITARY SEWER FORCE MAINS AND SANITARY SEWER GRAVITY MAINS - (CPCS)	722
9653421	1003.101838	510.	CDWWTP - 2 EMERGENCY GENERATORS - (CPCS)	3,000
9653421	1003.101910	511.	CDWWTP - PLANT PROCESS CONTROLS - (CPCS)	1,125
9655481	1006.101769	512.	SOUTH MIAMI-DADE SEWER IMPROVEMENTS - HOMESTEAD EAST - (CPCS)	6,656
9652101	1008.102201	517.	PS#0300 - REPLACEMENT OF MECHANICAL & ELECTRICAL EQUIPMENT	11,850
9652101	1008.102202	518.	PS#306 - REPLACEMENT OF ELECTRICAL AND MECHANICAL EQUIPMENT	3,250
962670	1040.102204	519.	72 INCH RECLAIMED WATER PIPELINE TO TURKEY POINT FPL	98,000
9653411	1002.102207	520.	CD2.27.02 - VPSA WASD FUNDED REQUIRED FOR CD 2.27	6,981



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WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9651061	1010.102208	521.	CD12241 - 4.05 (2) REHAB OF 2.5 MILES OF 54-INCH IN PCCP FM	4,876
962670	1040.102210	522.	10665 - NDWWTP - INJECTION WELLS PS UPGRADE PHASE 1 EFFLUENT DISPOSAL	7,344
9652101	1008.102212	523.	CD5.09.02 - PHASE II & III REPLACEMENT OF PLUMBING AND ELECTRICAL EQUIPMENT AT PS#301	1,600
9652101	1008.102213	524.	CD5.16.03P2 - UPGRADE OF PUMP STATION 466 PHASE 2	19,657
9653401	1007.102214	525.	SDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING #1	100,000
9653401	1007.102215	526.	SDWWTP - REPLACEMENT 489 VOLT SUBSTATION / MCC OXYGEN PLANT 1 & 2	10,000
9653401	1007.102216	528.	SDWWTP - EMERGENCY GENERATOR #8 SWITCHGEAR BUILDING #2	5,000
9653401	1007.102217	529.	SDWWTP - UPGRADE EMERGENCY GENERATORS TO DUAL FUEL NG / DIESEL IN SWITCHGEAR BUILDING #2 UNIT 1-7	4,200
9653401	1007.102218	530.	SDWWTP - RECONFIGURE 13,200 VOLT DUAL FEEDER SYSTEM TO SUBSTATION 33 AND 34, 31 AND 32, 31A AND 32A, 21 AND 22, 27 AND 28, 23 AND 24, 25 AND 26	5,000
9653401	1007.102219	531.	SDWWTP - PROVIDE REDUNDANT FEEDERS TO NEW O2 COMPRESSORS 3 AND 4 FROM SWITCHGEAR BUILDING #2	1,000
9653411	1002.102220	532.	NDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING	100,000
9653411	1002.102221	533.	NDWWTP - COMPLETE REPLACEMENT OF 4160 VOLT AND 480 VOLT SWITCHGEAR AND MCCS. REPLACE OUTDATED INEFFICIENT MAGNETIC DRIVES WITH VFDS NDWWTP	18,000



MIAMI-DADE WATER AND SEWER DEPARTMENT

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WASTEWATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653421	1003.102222	534.	CDWWTP - REPLACEMENT POWER GENERATION / ELECTRICAL DISTRIBUTION BUILDING	100,000
9653421	1003.102223	535.	CDWWTP - STORM HARDENING OF NEW HYPOCHLORITE BUILDING. MWH PLANS ALREADY AT 90% READY FOR PERMITTING	4,000
9653421	1003.102224	536.	CDWWTP - ENCLOSE AND STORM HARDEN OUTDOOR ELECTRICAL SUBSTATIONS 19 AND 20, 19A AND 20A	500
9652101	1008.102225	537.	PS #1 (4ST.) REPLACE ELECTRICAL SWITCHGEAR AND MCCS	1,500
9652101	1008.102226	538.	PS #3 RECONFIGURE ELECTRICAL SYSTEM TO ACCEPT 2000KW 4160 VOLT PORTABLE GENERATOR	1,300
962670	1040.102203	539.	XR-1 REUSE PROJECTS	95,000
9653411	1002.101638	547.	NDWWTP - INJECTION WELLS PS UPGRADE	1,400
9653411	1002.101947	548.	NDWWTP FA MONITORING WELLS TO MEET FDEP REQ.	1,900
9653411	1002.102205	549.	2.21.02 SEAWALL PROJECT	750
9653411	1002.102206	550.	CD2.22.02 - BEAUTIFICATION PROJECT - CITY OF MIAMI	2,400
9655481	1006.102102	551.	SDWWTP FA MONITORING WELL REPLACEMENT	1,000
9653401	1007.102184	552.	SDWWTP FOG RECOVERY STATION	2,000
9652101	1008.101924	553.	INSTALLATION OF A REDUNDANT SEWER FM FROM WEST SIDE OF INTERCOASTAL WATERWAY AT NE 163 ST TO NDWWTP	6,000
9652002	1021.102160	556.	CONVERSION OF CAN PUMP STATIONS TO SUBMERSIBLE	13,500
9652002	1021.102161	557.	CONVERSTION OF SELF PRIMING PUMP STATIONS TO SUBMERSIBLE	11,600
9652002	1021.102163	558.	PS NO. 0559 - REPLACEMENT OF MECH & ELECTRICAL EQUIPMENT	5,000



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9652002	1021.102165	559.	REPLACEMENT OF OBSOLETE GENERATORS	2,000
9650371	1025.102126	560.	RELOCATION OF 20 PUMP STATIONS	5,000
964120	1044.102626	561.	CDWWTP - OXYGEN PRODUCTION	10,000
968150	1045.102808	562.	REPLACE APPROXIMATELY 25 MILES OF AC FORCE MAINS	6,000
2000000580	1048.101757	563.	48/36/42-INCH FM FROM INTERCEPTOR TO PS 2 DISCHARGE - BISCAYNE BASIN IMPROVEMENTS (CL-1)	3,000
2000000580	1048.102088	564.	UPGRADE PS 1073 (SP-1073E)	7,000
Sub-Total				\$6,330,705
TOTAL				\$8,982,917

WATER



MIAMI-DADE WATER AND SEWER DEPARTMENT
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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)	1,955
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	4,019
9653311	1060.101734	9.	WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA'S	4,644
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	1,145
9650041	1050.101711	76.	HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	1,135
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	2,352
9654041	1054.102112	179.	16/36/36-INCH WATER MAINS - SW 48 ST SW 40 ST SW 97 AVE - AREA Q	418



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WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9654041	1054.102115	182.	20/30-INCH WATER MAINS - SW 87 AVE - AREA P	184
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	96
9650041	1050.102106	207.	HYPOCHLORITE FEED/STORAGE AT PRESTON/HIALEAH WTP	5,347
9650031	1051.102107	208.	HYPOCHLORITE FEED/STORAGE AT ORR WTP	750
9650271	1059.101505	209.	SOUTH MAINTENANCE CENTER	10,408
9650031	1051.101579	210.	ORR WTP - PUMPING UNIT NO. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	1,010
9650031	1051.101882	222.	3 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	923
9650041	1050.102127	224.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	1,967
9652821	1077.102021	225.	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	9,131
2000000072	1084.102144	237.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	83
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)	3,041
9610960	1072.101581	245.	WTP - ELECTRICAL UPGRADES	34
2000000072	1084.102137	247.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	5,274



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000072	1084.102142	248.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	1,221
9652821	1077.101364	249.	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	1,620
967190	1082.102179	254.	36-INCH WATER MAIN NW 135 STREET	1,250
9650031	1051.101694	260.	ORR WTP - SWITCHGEAR BUILDING AND TRANSFORMER	1,039
9650041	1050.102104	267.	FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP	293
9650031	1051.101946	268.	HYDROTREATOR DRIVES ASSEMBLES AND MOTORS	653
9650031	1051.102175	271.	ALEXANDER ORR WATER TESTING LABORATORY	1,000
9650021	1055.102016	274.	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	775
9650271	1059.101888	286.	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	204
967190	1082.102178	287.	36-INCH WATER MAIN NW 106 STREET	1,724
9650031	1051.101712	303.	ORR WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	750
2000000072	1084.102193	313.	WATER MASTER PLAN	1,026
9650031	1051.102109	315.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #1 AT ORR WTP	200



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650031	1051.102110	316.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #2 AT ORR WTP	40
9650031	1051.102166	317.	A. ORR WTP ELECTRICAL DUCT BANK FOR GENERATOR SWITCH GEAR	73
9650031	1051.102167	318.	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	737
9654031	1053.102116	319.	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	904
9650041	1050.102133	331.	OKEECHOBEE RD PROPERTY ACQUISITION	2,555
9650041	1050.102134	332.	PURCHASE OF LAKE PROPERTY ADJACENT TO NORTHWEST WELLFIELD	4,800
9650031	1051.102103	334.	ELECTRICAL UPGADES FOR ALEXANDER ORR LIME PLANT	319
9653311	1060.102123	336.	TWO 5 MG STORAGE TANKS AND PUMP STATION	1,000
963110	1070.101470	337.	WATER TREATMENT PLANTS AND WELLFIELDS - SCADA SYSTEM	2,247
9654061	1075.102135	339.	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	456
9653311	1060.102196	341.	LONG TERM PARKING FOR WATER DISTRIBUTION EMPLOYEES	8,814
2000000072	1084.102141	342.	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE B	1,776
9654031	1053.102197	376.	PORT OF MIAMI WATER SUPPLY LINE	7,912
2000000072	1084.102198	377.	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE II IN SW 147TH AVE AND SW 152ND AVE BETWEEN SW 288TH ST & SW 296TH ST	455



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000072	1084.102139	378.	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE I IN SW 147TH AVE AND SW 157TH AVE BETWEEN SW 288TH ST & SW 297TH ST	420
9653311	1060.102060	379.	INSTALLATION OF 36/48-INCH WM ALONG S.W. 117 TO 127 AVENUE (AREA N)	3,000
9653311	1060.102111	380.	12/16 INCH WATER MAINS IN S. MIAMI-DADE AREA E	330
9610960	1072.101880	381.	REPLACE AND UPGRADE ELECTRICAL GENERATOR AT ALL WTPS	110
9650141	1064.102027	404.	AUTOMATED METER READING (AMR)	1,500
Sub-Total				\$107,740
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	2,578
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	638
9650021	1055.102016	85.	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	504
9650031	1051.101577	114.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	1,739



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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9654041	1054.102112	146.	16/36/36-INCH WATER MAINS - SW 48 ST SW 40 ST SW 97 AVE - AREA Q	1,378
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	492
9650271	1059.101507	168.	NORTH MAINTENANCE CENTER	1,295
9650271	1059.101505	184.	SOUTH MAINTENANCE CENTER	7,307
2000000072	1084.102144	194.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	816
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)	1,196
9652821	1077.101364	200.	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	2,500
967190	1082.102179	204.	36-INCH WATER MAIN NW 135 STREET	8,891
2000000072	1084.102137	211.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	1,174
2000000072	1084.102142	212.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	2,800



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 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	216.	HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	7,775
9650031	1051.101694	217.	ORR WTP - SWITCHGEAR BUILDING AND TRANSFORMER	1,469
9650031	1051.102107	218.	HYPOCHLORITE FEED/STORAGE AT ORR WTP	3,061
9654031	1053.101540	223.	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	4,406
9652821	1077.102021	225.	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	6,451
9650031	1051.101579	226.	ORR WTP - PUMPING UNIT NO. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	2,531
9650041	1050.102104	239.	FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP	529
9650041	1050.102127	240.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	1,704
9650031	1051.101882	241.	3 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	685
9650031	1051.101946	242.	HYDROTREATOR DRIVES ASSEMBLES AND MOTORS	809
9650031	1051.102109	243.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #1 AT ORR WTP	163
9650031	1051.102110	244.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #2 AT ORR WTP	320
9650031	1051.102166	245.	A. ORR WTP ELECTRICAL DUCT BANK FOR GENERATOR SWITCH GEAR	307



MIAMI-DADE WATER AND SEWER DEPARTMENT
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WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650031	1051.102167	246.	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	1,458
9650031	1051.102175	247.	ALEXANDER ORR WATER TESTING LABORATORY	2,500
9650271	1059.101084	249.	MIAMI SERVICE FACILITY - (PHASE 1)	129
9650271	1059.101888	250.	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	1,094
967190	1082.102178	259.	36-INCH WATER MAIN NW 106 STREET	5,381
9650031	1051.101712	283.	ORR WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	750
9650041	1050.102106	299.	HYPOCHLORITE FEED/STORAGE AT PRESTON/HIALEAH WTP	584
9650041	1050.102134	300.	PURCHASE OF LAKE PROPERTY ADJACENT TO NORTHWEST WELLFIELD	4,773
9653311	1060.101772	301.	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 2	6,755
9654061	1075.102135	304.	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	1,285
9654031	1053.102197	334.	PORT OF MIAMI WATER SUPPLY LINE	11,848
2000000072	1084.102198	335.	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE II IN SW 147TH AVE AND SW 152ND AVE BETWEEN SW 288TH ST & SW 296TH ST	1,843
2000000072	1084.102139	336.	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE I IN SW 147TH AVE AND SW 157TH AVE BETWEEN SW 288TH ST & SW 297TH ST	1,401



MIAMI-DADE WATER AND SEWER DEPARTMENT
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WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653311	1060.102111	337.	12/16 INCH WATER MAINS IN S. MIAMI-DADE AREA E	2,532
9653311	1060.102123	338.	TWO 5 MG STORAGE TANKS AND PUMP STATION	491
9610960	1072.101880	339.	REPLACE AND UPGRADE ELECTRICAL GENERATOR AT ALL WTPS	971
9650031	1051.102103	361.	ELECTRICAL UPGADES FOR ALEXANDER ORR LIME PLANT	750
9653311	1060.101773	362.	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS HOMESTEAD EAST	4,228
9650141	1064.102027	375.	AUTOMATED METER READING (AMR)	1,500
Sub-Total				\$122,614
Future Series 2019 - Revenue Bonds				
9650031	1051.101577	26.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	2,212
9653311	1060.100786	27.	WATER DISTRIBUTION SYSTEM EXTENSION	2,466
9654041	1054.102112	60.	16/36/36-INCH WATER MAINS - SW 48 ST SW 40 ST SW 97 AVE - AREA Q	1,931
9654041	1054.102115	61.	20/30-INCH WATER MAINS - SW 87 AVE - AREA P	1,316
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	520
9650271	1059.101547	75.	MIAMI SERVICE FACILITY (PHASE 2)	1,131



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FUTURE BOND ISSUES
WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9654061	1075.101546	78.	WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS	1,842
9654061	1075.101891	115.	NEW NWWF HIGH SERVICE PUMP STATION	610
9650021	1055.102016	127.	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	3,735
2000000072	1084.102144	134.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	328
9650271	1059.101507	139.	NORTH MAINTENANCE CENTER	571
9652821	1077.101364	141.	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	3,000
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)	2,108
9650041	1050.101504	152.	PRESTON WTP - NEW PUMP STATION EAST OF RESERVOIR	2,994
9650031	1051.102107	153.	HYPOCHLORITE FEED/STORAGE AT ORR WTP	5,601
9654031	1053.101540	163.	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	4,431
9650041	1050.102104	173.	FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP	2,178
9650031	1051.102110	174.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #2 AT ORR WTP	832



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
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WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650031	1051.102166	175.	A. ORR WTP ELECTRICAL DUCT BANK FOR GENERATOR SWITCH GEAR	1,979
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	841
9650031	1051.101945	200.	HGIH SERVICE PUMP AND MOTOR IMPROVEMENTS EAST & WEST ROOM - VFD	200
9650041	1050.101711	227.	HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	763
9650041	1050.102127	228.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	1,296
9650031	1051.101694	229.	ORR WTP - SWITCHGEAR BUILDING AND TRANSFORMER	563
9650031	1051.101712	230.	ORR WTP - DESIGN AND ENGINEERING SERVICE FOR PLANT UPGRADES REMOTE STORAGE AND APPURTENANT WATER PRODUCTION FACILITIES	374
9650031	1051.101946	231.	HYDROTREATOR DRIVES ASSEMBLES AND MOTORS	39
9650031	1051.102109	232.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #1 AT ORR WTP	2,637
9650031	1051.102175	233.	ALEXANDER ORR WATER TESTING LABORATORY	3,500
9650271	1059.101888	234.	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	2



MIAMI-DADE WATER AND SEWER DEPARTMENT
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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9653311	1060.101771	235.	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 1	4,521
9653311	1060.101773	236.	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS HOMESTEAD EAST	5,565
9654061	1075.102135	237.	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	2,726
967190	1082.102178	238.	36-INCH WATER MAIN NW 106 STREET	231
967190	1082.102179	239.	36-INCH WATER MAIN NW 135 STREET	630
2000000072	1084.102198	255.	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE II IN SW 147TH AVE AND SW 152ND AVE BETWEEN SW 288TH ST & SW 296TH ST	546
2000000072	1084.102139	256.	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE I IN SW 147TH AVE AND SW 157TH AVE BETWEEN SW 288TH ST & SW 297TH ST	189
2000000072	1084.101678	258.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	3,500
2000000072	1084.102137	259.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	3,913
2000000072	1084.102142	260.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	3,228
9650031	1051.102167	261.	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	3,455
9650031	1051.102103	285.	ELECTRICAL UPGADES FOR ALEXANDER ORR LIME PLANT	317



MIAMI-DADE WATER AND SEWER DEPARTMENT
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WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650271	1059.101505	286.	SOUTH MAINTENANCE CENTER	5,000
9653311	1060.101772	287.	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 2	5,975
9653311	1060.102111	288.	12/16 INCH WATER MAINS IN S. MIAMI-DADE AREA E	2,000
9652821	1077.102021	289.	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	3,000
9650141	1064.102027	305.	AUTOMATED METER READING (AMR)	1,500
Sub-Total				\$98,080
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	2,426
9654041	1054.102115	87.	20/30-INCH WATER MAINS - SW 87 AVE - AREA P	3,355
9654041	1054.102120	89.	36-INCH WATER MAIN - SW 72 ST - AREA O	575
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
9650031	1051.101577	96.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	4,794
2000000072	1084.102144	103.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	2,570
9652821	1077.101364	106.	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	4,000



MIAMI-DADE WATER AND SEWER DEPARTMENT
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WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9654061	1075.101546	112.	WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS	2,671
9650041	1050.101504	114.	PRESTON WTP - NEW PUMP STATION EAST OF RESERVOIR	744
9650271	1059.101507	130.	NORTH MAINTENANCE CENTER	7,758
9654061	1075.101891	138.	NEW NWWF HIGH SERVICE PUMP STATION	1,185
9650031	1051.101945	158.	HGIH SERVICE PUMP AND MOTOR IMPROVEMENTS EAST & WEST ROOM - VFD	2,250
9650031	1051.102110	200.	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM AT CHEMICAL BLDG. #2 AT ORR WTP	2,008
9650031	1051.102166	201.	A. ORR WTP ELECTRICAL DUCT BANK FOR GENERATOR SWITCH GEAR	1,142
9654031	1053.101540	202.	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	1,920
9650021	1055.102016	203.	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	149
2000000072	1084.101678	216.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	3,500
9650031	1051.101579	240.	ORR WTP - PUMPING UNIT NO. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	600
9650031	1051.102107	241.	HYPOCHLORITE FEED/STORAGE AT ORR WTP	3,601
9650031	1051.102167	242.	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	4,231



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
FUTURE BOND ISSUES
WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650031	1051.102175	243.	ALEXANDER ORR WATER TESTING LABORATORY	3,165
9653311	1060.101772	244.	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 2	5,500
9653311	1060.101773	245.	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS HOMESTEAD EAST	3,700
9653311	1060.102140	246.	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)	2,000
9654061	1075.102135	247.	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	4,500
2000000072	1084.102137	248.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	4,500
2000000072	1084.102142	249.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	3,500
9653311	1060.101771	250.	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 1	1,000
9650141	1064.102027	269.	AUTOMATED METER READING (AMR)	1,500
Sub-Total				\$90,617
Future Series 2021 - Revenue Bonds				



MIAMI-DADE WATER AND SEWER DEPARTMENT
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WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9654061	1075.101546	69.	WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS	3,944
9652821	1077.101364	70.	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	5,000
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	2,940
9650031	1051.102169	79.	A. ORR WTP PUMP ROOM FOR SOFTENER CLUSTERS 1-8 AND 11-14	228
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	3,657
9654041	1054.102120	84.	36-INCH WATER MAIN - SW 72 ST - AREA O	1,333
9650021	1055.102117	85.	24-INCH WATER MAIN - SW 137 AVE - AREA C	3,738
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
9654061	1075.102176	91.	MONITORING WELL INSTALLATION	82



MIAMI-DADE WATER AND SEWER DEPARTMENT
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WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9654061	1075.101891	99.	NEW NWWF HIGH SERVICE PUMP STATION	2,213
9650031	1051.101945	121.	HGIH SERVICE PUMP AND MOTOR IMPROVEMENTS EAST & WEST ROOM - VFD	3,550
9654031	1053.101540	177.	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	1,008
9654041	1054.102115	178.	20/30-INCH WATER MAINS - SW 87 AVE - AREA P	4,696
2000000072	1084.102144	179.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	203
9650031	1051.101577	218.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	6,834
9653311	1060.101772	219.	SOUTH MIAMI-DADE WATER TRANSMISSION IMPROVEMENTS REDLAND EDGE - PHASE 2	3,925
9653311	1060.102140	220.	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)	3,000
9654061	1075.102135	221.	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	3,000
2000000072	1084.101678	222.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	4,000
2000000072	1084.102137	223.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	2,500
2000000072	1084.102142	224.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	4,500



MIAMI-DADE WATER AND SEWER DEPARTMENT
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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9650141	1064.102027	244.	AUTOMATED METER READING (AMR)	1,500
Sub-Total				\$64,314
Future Series 2022 - Revenue Bonds				
9650041	1050.101504	1.	PRESTON WTP - NEW PUMP STATION EAST OF RESERVOIR	6,493
9650041	1050.102170	2.	HIALEAH/PRESTON WTP FEEDERS/MOTOR CONTROL CENTER	465
9650041	1050.102171	3.	HIALEAH/PRESTON WTP TRANSFORMER	1,011
9650041	1050.102173	4.	PRESTON WTP HS PUMP ROOM SWITCHGEAR	1,499
9650031	1051.101945	5.	HGIH SERVICE PUMP AND MOTOR IMPROVEMENTS EAST & WEST ROOM - VFD	1,000
9650031	1051.102169	7.	A. ORR WTP PUMP ROOM FOR SOFTENER CLUSTERS 1-8 AND 11-14	472
9654041	1054.101441	10.	54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)	3,274
9654041	1054.102112	11.	16/36/36-INCH WATER MAINS - SW 48 ST SW 40 ST SW 97 AVE - AREA Q	4,500
9654041	1054.102118	12.	30/36-INCH WATER MAINS - SW 157 AVE SW 88 ST - AREA D	1,276
9654041	1054.102120	13.	36-INCH WATER MAIN - SW 72 ST - AREA O	930
9650021	1055.102117	14.	24-INCH WATER MAIN - SW 137 AVE - AREA C	977



MIAMI-DADE WATER AND SEWER DEPARTMENT
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OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
9654061	1075.101546	15.	WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS	3,811
9654061	1075.101891	16.	NEW NWWF HIGH SERVICE PUMP STATION	4,142
9654061	1075.102176	18.	MONITORING WELL INSTALLATION	203
2000000072	1084.102144	78.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	1,000
9652821	1077.101364	79.	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	6,500
9650031	1051.101577	120.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	7,166
9654041	1054.102115	121.	20/30-INCH WATER MAINS - SW 87 AVE - AREA P	3,000
9653311	1060.102140	122.	FURNISH AND INSTALL 48-INCH WATER MAIN IN SW 117 AVE, SW 72 ST, SW 127 AVE FROM SW 68 ST. TO SW 152 ST. (AREA N)	4,000
9654061	1075.102135	123.	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	3,500
2000000072	1084.101678	124.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	3,000
2000000072	1084.102142	125.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	2,500
9650141	1064.102027	152.	AUTOMATED METER READING (AMR)	1,500



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
FUTURE BOND ISSUES
WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
2000000072	1084.102137	153.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	1,500
			Sub-Total	\$63,720
			Future Funding	
2000000072	1084.102144	78.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	292,428
			Sub-Total	\$292,428
			Future Series - Revenue Bonds	
9650041	1050.102173	334.	PRESTON WTP HS PUMP ROOM SWITCHGEAR	815
9654041	1054.101441	340.	54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)	7,049
9654041	1054.102118	342.	30/36-INCH WATER MAINS - SW 157 AVE SW 88 ST - AREA D	2,915
9654061	1075.102176	346.	MONITORING WELL INSTALLATION	465
9654061	1075.101891	428.	NEW NWWF HIGH SERVICE PUMP STATION	35,100
2000000072	1084.102144	443.	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	3,500
9654041	1054.102112	464.	16/36/36-INCH WATER MAINS - SW 48 ST SW 40 ST SW 97 AVE - AREA Q	17,300



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 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	465.	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)	81,500
9654061	1075.101546	468.	WATER TREATMENT MODIFICATIONS TO COMPLY WITH SURFACE WATER TREATMENT AND DISINFECTANT/DISINFECTION BY PRODUCT REGULATIONS	407,322
9652821	1077.101364	469.	SOUTH MIAMI HEIGHTS WTP AND WF - NEW WATER TREATMENT PLANT	235,730
9650041	1050.101504	491.	PRESTON WTP - NEW PUMP STATION EAST OF RESERVOIR	28,000
9654061	1075.102135	492.	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	12,000
9650031	1051.101577	540.	ORR WTP - 48" FINISHED WATER LINE (AREA M)	35,000
9654041	1054.102120	541.	36-INCH WATER MAIN - SW 72 ST - AREA O	3,000
9650021	1055.102117	542.	24-INCH WATER MAIN - SW 137 AVE - AREA C	5,000
9650141	1064.102027	543.	AUTOMATED METER READING (AMR)	151,000
2000000072	1084.101678	544.	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	7,000
2000000072	1084.102137	545.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	14,100
2000000072	1084.102142	546.	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	19,000
Sub-Total				\$1,065,797



MIAMI-DADE WATER AND SEWER DEPARTMENT
2017-2023 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
FUTURE BOND ISSUES
WATER PROJECTS

OMB No.	PROJ/SUB-PROJ	BOND ITEM	DESCRIPTION	BOND ALLOCATION (000)
TOTAL				\$1,905,310