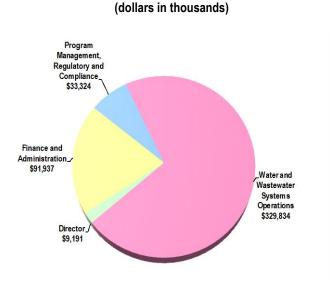
Water and Sewer

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

As part of the Neighborhood and Infrastructure strategic area, the Department's main functions are water production and distribution, as well as wastewater collection, treatment, reuse, and disposal. WASD operates three regional and six local water treatment plants, with a total rated capacity of 461 million gallons per day (MGD), and three regional wastewater treatment plants with a total treatment capacity of 375 MGD. Additionally, WASD operates and maintains 95 water supply wells (grouped into 14 wellfields) in the Biscayne Aquifer; five aquifer storage and recovery wells in the Floridan Aquifer; 1,044 sewer pump stations (1,025 County-owned and 19 maintained for other entities); 7,918 miles of water distribution mains; and 6,292 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 429,000 water and 346,000 wastewater retail customers as of September 30, 2013. Additionally, wholesale water service is provided to 15 municipalities and wholesale sewer service is provided to 13 municipalities within Miami-Dade County. 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).



Expenditures by Activity

FY 2014-15 Proposed Budget

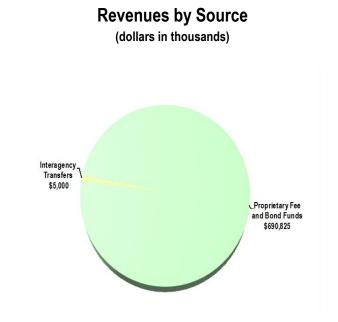


TABLE OF ORGANIZATION

OFFICE OF T	HE DIRECTOR
 Formulates and establishes departm legislative and municipal policies , an 	ental policy; directs overall operations, d public information dissemination
<u>FY 13-14</u> 22	<u>FY 14-15</u> 21
WATER AND WASTEWATE	R SYSTEMS OPERATIONS
	vater and wastewater treatment nclude security and emergency
<u>FY 13-14</u> 1,622	<u>FY 14-15</u> 1,473
	NT, REGULATORY AND IANCE
	ojects; directs compliance with
<u>FY 13-14</u> 114	<u>FY 14-15</u> 289
FINANCE AND A	DMINISTRATION
 Directs financial, budget and ca customer services, and informa directs procurement activities du resources, fleet and other interr 	tion technology functions; epartment-wide, human
<u>FY 13-14</u> 721	<u>FY 14-15</u> 708

FINANCIAL SUMMARY

	Actual	Actual	Budget	Proposed
(dollars in thousands)	FY 11-12	FY 12-13	FY 13-14	FY 14-15
Revenue Summary				
Miscellaneous Non-Operating	8,136	3,427	3,060	2,027
Other Revenues	24,589	21,876	25,629	26,088
Retail Wastewater	226,370	230,661	241,034	255,004
Retail Water	202,633	207,117	217,030	229,957
Transfer From Other Funds	0	0	7,963	20,764
Wholesale Wastewater	47,380	59,544	53,698	58,601
Wholesale Water	35,330	29,210	32,566	38,954
Carryover	60,652	55,664	57,383	59,430
Loan Repayments	0	0	5,000	5,000
Total Revenues	605,090	607,499	643,363	695,825
Operating Expenditures				
Summary				
Salary	138,669	151,567	137,050	151,132
Fringe Benefits	37,376	38,153	43,240	50,229
Contractual Services	63,981	63,533	70,637	86,036
Other Operating	53,774	45,501	64,751	47,562
Charges for County Services	31,277	41,410	40,900	47,167
Capital	54,772	57,117	72,328	82,160
Total Operating Expenditures	379,849	397,281	428,906	464,286
Non-Operating Expenditures				
Summary				
Transfers	20,246	5,801	0	0
Distribution of Funds In Trust	0	0	0	0
Debt Service	149,331	147,034	155,027	167,852
Depreciation, Amortizations and	0	0	0	0
Depletion				
Reserve	0	0	59,430	63,687
Total Non-Operating Expenditures	169,577	152,835	214,457	231,539

	Total F	unding	Total Positions			
(dollars in thousands)	Budget	Proposed	Budget	Proposed		
Expenditure By Program	FY 13-14	FY 14-15	FY 13-14	FY 14-15		
Strategic Area: Neighborhood ar	nd Infrastruc	ture				
Director	24,439	9,191	22	21		
Water and Wastewater	302,810	329,834	1,622	1,473		
Systems Operations						
Finance and Administration	74,116	91,937	721	708		
Program Management,	27,541	33,324	114	289		
Regulatory and Compliance						
Total Operating Expenditures	428,906	464,286	2,479	2,491		

SELECTED ITEM HIGHLIGHTS AND DETAILS

	(dollars in thousands)									
Line Item Highlights	Actual	Actual	Budget	Projection	Proposed					
	FY 11-12	FY 12-13	FY 13-14	FY 13-14	FY 14-15					
Advertising	721	722	802	602	836					
Fuel	3,547	3,896	3,602	3,605	4,057					
Overtime	9,273	9,307	8,463	10,960	10,264					
Rent	351	400	470	449	377					
Security Services	11,383	11,797	11,722	11,707	12,220					
Temporary Services	451	763	253	711	679					
Travel and Registration	113	179	289	201	289					
Utilities	0	0	0	0	0					

PROPOSED FEE ADJUSTMENTS FOR SERVICES

Fee Adjustments		Current Fee FY 13-14	Proposed Fee FY 14-15	Dollar Impac FY 14-1
Copper Tail Piece, 2" Fee		165	180	\$7,50
 Water Meter Installation Fee, 5/8 inch or 3/4 inch me 	ter	135	145	\$20,00
 Water Meter Installation Fee, 1 inch meter 		190	195	\$2,50
Backflow Preventer Test and Certification Fee (for N	on-Compliance)	75	250	\$350,00
 Septage Truck Clean-Out Charge 		25	50	\$53,72
Westwood lakes Weed Control Quarterly		6	25	\$12,99
 Payment for Collection of Lead/Copper Water Test a 	t Tap	25	50	\$-2.50
 Plans Review and Inspection Fees; Water Main External 		450	350 plus \$0.18 per	\$7,75
2,000 feet.; from \$450 to \$350 plus \$0.18 per foot in			ft >2,000 ft	. ,
• Plans Review and Inspection Fees; Rework Plans R		107	300	\$7,73
Plans Review and Inspection Fees; add Turbine and		0	150	\$4,20
Review of Shop drawings; add Turbine and/or Fire R		0	100	\$1,40
• Plans Review and Inspections Fees; add after the fa		0	100% of Original	\$1,75
inspections penalty fee; new fee -100% of original fe	e		Fee	
Plans Review and Inspections Fees; add Sewer Met	ers	0	150	\$1,6
Review of Shop drawings; add Sewer Meters		0	100	\$5
Review of Shop drawings; add Pump Station		0	400	\$1,2
Plat application/review fee		0	100	\$22,00
Easement consent letter		0	50	\$1,2
Utilities collection transmission capacity letter		0	50	\$6,40
Plans Review and inspections fee add for 2nd Rewo	rk and thereafter of	0	300	\$24,24
As-built plans review				
 Verification Form fees; add: Fee for Verification Form Water and/or sewer Agreement 	n issued along with a	0	100	\$5,00

DIVISION: DIRECTOR

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

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

DIVISION COMMENTS

- The FY 2014-15 Proposed Budget includes payments to the Audit and Management Services Department for expenses associated with audits and reviews (\$440,000)
- In FY 2014-15, the retail water and wastewater rates are proposed to increase by six percent; the bill of the average retail water and sewer customer (6,750 gallons per month) will increase from \$45.39 to \$48.11 or by \$2.72 per month; future adjustments will be needed based on debt service obligations and operating requirements
- Effective October 1, 2014, the wholesale water rate per thousand gallons is proposed to increase from \$1.7142 to \$1.7816 or by \$0.0674, and in addition the sewer wholesale rate is proposed to increase from \$2.4523 to \$2.56 or by \$0.1077; wholesale customers' bills include a true-up adjustment to recover actual cost for FY 2012-13
- The FY 2014-15 Proposed Budget includes a Memorandum of Understanding agreement with the Office of the Inspector General to perform specialized audits as required (\$100,000)
- The FY 2014-15 Proposed Budget includes funding to the Miami-Dade Fire Rescue Department (MDFR) for fire hydrant maintenance (\$1 million)
- The FY 2014-15, Proposed Budget includes funding to the Office of Management and Budget (OMB) for consulting services to fund organizational reviews/studies (\$230,000)
- The FY 2014-15 Proposed Budget includes a loan repayment from the General Fund (\$5 million) for the third consecutive year

DIVISION: WATER AND WASTEWATER SYSTEMS OPERATIONS

Operates and maintains the water and wastewater treatment plants and pump stations; to include security and emergency communication

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

	lequate potable water supply a		Sicwald	•	1			
Objectives	Measures			FY 11-12	FY 12-13	FY 13-14	FY 13-14	FY 14-15
				Actual	Actual	Budget	Projection	Target
	Percentage compliance with wastewater effluent limits	ос	1	83%	90%	100%	90%	100%
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)		¢	1,936	1,124	1,124	1,124	1,124
	Percentage compliance with drinking water standards	OC	↑	100%	100%	100%	100%	100%
Fully comply with drinking water standards	Wastewater mainline valves exercised	OP	1	6,229	6,022	6,000	6,087	6,087
Reduce response time	Average time to respond to sewage overflows (in minutes)	EF	\rightarrow	52	52	55	55	60
to sanitary sewer overflows	Percentage of non- emergency requests dispatched in less than three business days	OC	1	98%	99%	98%	98%	98%
Ensure proper naintenance and operation of the sewage system	Percentage of pumps in service	EF	↑	98%	98%	99%	99%	99%

DIVISION: FINANCE AND ADMINISTRATION

Directs financial, budget and capital funding coordination, customer services, and information technology functions; Directs procurement, activities department-wide, human resources, fleet and other internal services

- Coordinates financial activities including debt administration, investments, grants and cash management
- Administers Controller's functions, general ledger, assets control and accounts payable, prepares retail, wholesale and special billings and collection
- Manages the Department's operating and capital budgets
- Manages Human Capital Planning and procurement
- Manages business process support for Customer, Care and Billing, Enterprise Resource Planning Financial and Enterprise Asset Management software systems
- Manages general maintenance services

 GG1-1: Provide e 	easy access to information an	d servic	es					
Objectives	Objectives			FY 11-12	FY 12-13	FY 13-14	FY 13-14	FY 14-15
Objectives	Measures			Actual	Actual	Budget	Projection	Target
Provide information to	Average call wait time (in minutes)*	EF	\downarrow	14	4	4	6	3
customers in a timely manner	Percentage of calls answered within two minutes (monthly)*	OP	1	16%	80%	80%	60%	80%
15, performance is expected	formance was not met due to ed to increase due to new per	formand	e stanc					
GG2-2: Develop	and retain excellent employee	es and l	eaders					-
Objectives	Measures			FY 11-12	FY 12-13	FY 13-14	FY 13-14	FY 14-15
Objectives	incubulco			Actual	Actual	Budget	Projection	Target
Workforce skills to support County priorities	Training hours per employee	OP	1	12	8	9	10	11
GG4-1: Provide s	sound financial and risk mana	gement						
				FY 11-12	FY 12-13	FY 13-14	FY 13-14	FY 14-15
Objectives	Measures			Actual	Actual	Budget	Projection	Target
Ensure sound asset	Bond rating evaluation by Fitch	OC	1	AA-	AA-	A+	A+	A+
management and financial investment	с		1	A+	A+	A+	A+	A+
strategies	Bond rating evaluation by Moody's	ос	↑	A1	A1	Aa3	Aa3	A1

DIVISION COMMENTS

Moody's

- The FY 2014-15 Proposed Budget includes payments to the Finance Department for expenses associated with cash management services (\$50,000)
- The FY 2014-15 Proposed Budget includes payments to the Finance Department for expenses associated with credit and collection services (payments are based on a percentage of collected revenue)
- The FY 2014-15 Proposed Budget includes 12 additional full-time Customer Service Representative positions that were converted from parttime to full-time positions in FY 2013-14 to help meet the demands of customers and improve call-wait time
- The FY 2013-14 year end combined fund balance is projected to be \$69.6 million in rate stabilization and general reserve funds and is projected to be a combined balance of \$48.9 million for FY 2014-15; the Department will have a year-end fund balance of \$63.7 million in the operating budget as required for bond ordinances

DIVISION: PROGRAM MANAGEMENT, REGULATORY AND COMPLIANCE

Manages Consent Decree projects; directs compliance with State and Federal agreements and Utilities Development.

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

Strategic Objectives - Measures

NI2-1: Provide adequate potable water supply and wastewater disposal										
Objectives	Measures		FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Budget	FY 13-14 Projection	FY 14-15 Target			
Ensure compliance with 20-year Water Use	Percentage of Consent Decree Wastewater Projects on Schedule		↑	N/A	N/A	100%	100%	100%		
Permit with the South Florida Water Management District	Percent compliance with 20-Year Water Use Permit (WUP) as scheduled	OC	↑	100%	100%	95%	100%	95%		
Ensure compliance with Comprehensive Development of Master Plan	Percentage of Comprehensive Development Master Plan comments submitted timely	EF	1	100%	100%	90%	100%	95%		
	Percentage of Development Impact Committee comments provided timely	EF	↑	100%	100%	90%	100%	95%		

DIVISION COMMENTS

- In FY 2014-15, 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 of an employee awareness program, which includes an energy conservation website, newsletter, and workshops
- The FY 2014-15 Proposed Budget includes funding for the Regulatory and Economic Resources Department (RER) to fund the Florida Yards and Neighborhoods Program (\$261,000)

Department Operational Unmet Needs

	(dollars in tho	ousands)	
Description	Startup Costs/ Non Recurring Costs	Recurring Costs	Positions
Fund one positions in the Information Technology Division to maintain the approximately 600 mobile devices (EAMS & MWM/CCB deployments) and maintain the NetMotion VPN Clients - Start date July 2015	\$0	\$33	1
Fund five positions in the Priority Capital Projects Section to direct and supervise the design and construction work flow for capital improvements -Start date January 2015	\$0	\$187	5
Fund one position in the Planning Division to maintain and update hydraulic computer modeling inventory of water transmission & distribution system and perform other activities to ensure adequate water supply and compliance - Start date January 2015	\$0	\$49	1
Fund two positions in the Meter Installations and Maintenance Division to support sidewalk restoration and water meter repairs -Start date July 2015	\$0	\$53	2
Fund 12 positions in the Water Transmission and Distribution Division to meet increase permit and restoration requirements-Start date July 2015	\$0	\$271	12
Fund six positions in the Water Production and Maintenance Division to maintain and restore the structures and equipment at the Water Treatment Plants and to support Infared and Motor circuit evaluators- Start date for January 2015 (two positions) and April 2015 (four positions)	\$0	\$215	6
Fund eight positions in the Pump Station Division to support the wetwell cleaning operations and other related Pump Station activities-Start date for January 2015 (two positions) and July 2015 (six positions)	\$0	\$249	8
Fund nine positions in the Wastewater Collection and Transm Division to support the Pump Station Improvement Program- Start date for January 2015 (one position) and April 2015 (eight positions)	\$0	\$199	9
Fund 31 positions in the Wastewater Treatment and Maintenance Division to provide adequate mechanical staff and perform other related activities- Start date for January 2015 (30 positions) and July 2015 (one positions)	\$0	\$1,562	31
Fund two positions in the Telemetry Section for support of Second and Final Consent Decree Article - Start date for April 2015 (one position) and July 2015 (one position)	\$0	\$46	2
Fund one positions in the Regulatory Comp & Monitoring Division to comply and monitor various projects in the Asbestos Program- Start date July 2015	\$0	\$15	1
Fund one position in the AD Reg Compliance and Planning Division to manage the implementation of the energy efficiency projects- Start date for January 2015	\$0	\$23	1
Fund one position in the Support Services Section to provide full-time production support and coverage to the operation- Start date for July 2015	\$0	\$10	1
Fund two positions in the Human Resources Division to provide oversight and support of the recruitmemt process and Training Unit- Start date for July 2015	\$0	\$52	2
Fund two positions in the Contract Processing Section to ensure compliance with Consent Decree agreements and construction contracts- Start date for April 2015 (one position) and July 2015 (one position)	\$0	\$56	2
Fund two positions in the Budget, Funding, & Strategic Planning Division to manage reconciliation of personnel and comply with financial reporting needs for the Office of the Mayor and County Commissioners - Start date for July 2015	\$0	\$43	2
Fund one position in the Security Section in monitoring devices to comply with Dept Homeland Security (DHS) guidelines for comprehensive electronic security protection- Start date for July 2015	\$0	\$18	1
Total	\$0	\$3,081	87

CAPITAL BUDGET SUMMARY

(dollars in thousands)	PRIOR	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FUTURE	TOTAL
Revenue									
EPA Grant	3,880	0	0	0	0	0	0	0	3,880
Rock Mining Mitigation Fees	14,501	0	0	0	0	0	0	0	14,501
Wastewater Connection Charges	118,544	14,287	0	0	0	0	0	0	132,83
Water Connection Charges	28,898	4,000	4,000	4,000	4,000	4,000	0	0	48,898
Fire Hydrant Fund	29,526	2,000	2,500	2,500	2,500	2,500	3,000	6,130	50,656
HLD Special Construction Fund	34,861	0	0	0	0	0	0	0	34,86
Miami Springs Wastewater Construction	1,326	0	0	0	0	0	0	0	1,326
Fund									
Miami Springs Water Construction Fund	687	0	0	0	0	0	0	0	687
Wastewater Renewal Fund	323,067	40,000	40,189	40,000	40,000	40,000	40,000	162,500	725,756
Wastewater Special Construction Fund	6,431	300	400	500	500	500	500	0	9,13 ⁻
Water Construction Fund	2,338	0	0	0	0	0	0	0	2,338
Water Renewal and Replacement Fund	325,409	40,000	40,000	40,000	40,001	40,000	40,000	1,692,500	2,257,910
Water Special Construction Fund	6,610	1,000	1,000	1,000	1,000	2,000	2,000	0	14,61
BBC GOB Financing	0	8,786	12,424	18,389	40,696	44,527	38,212	0	163,034
BBC GOB Series 2005A	5,176	0	0	0	0	0	0	0	5,176
BBC GOB Series 2008B	2,952	0	0	0	0	0	0	0	2,952
BBC GOB Series 2008B-1	7,926	0	0	0	0	0	0	0	7,920
BBC GOB Series 2011A	6,581	0	0	0	0	0	0	0	6,58
BBC GOB Series 2013A	2,168	0	0	0	0	0	0	0	2,168
BBC GOB Series 2014A	4,274	0	0	0	0	0	0	0	4,274
Future WASD Revenue Bonds	0	0	493,741	761,676	864,487	957,473	1,043,125	5,060,529	9,181,031
Hialeah Reverse Osmosis Plant	44,757	0	0	0	0	0	0	0	44,75
Construction Fund									
WASD Revenue Bonds Sold	341,595	0	0	0	0	0	0	0	341,59
WASD Future Funding	0	0	0	0	0	0	0	489,553	489,553
Total:	1,311,507	110,373	594,254	868,065	993,184	1,091,000	1,166,837	7,411,212	13,546,432
Expenditures									
Strategic Area: Neighborhood and									
Infrastructure									
GOB Water and Wastewater Projects	32,957	8,786	12,424	18,389	40,696	44,527	38,212	0	195,99
Wastewater Projects	522,597	182,842	408,962	629,136	574,431	674,653	837,411	5,555,728	9,385,760
Water Projects	470,285	113,876	206,049	244,232	397,218	383,103	293,064	1,856,854	3,964,68
Total:	1,025,839	305,504	627,435	891,757	1,012,345	1,102,283	1,168,687	7,412,582	13,546,432
								-	

CAPITAL HIGHLIGHTS AND OPERATIONAL IMPACTS

- In FY 2012-13, the Department negotiated a consent agreement with the Federal Environmental Protection Agency (EPA) to address
 regulatory violations resulting from failing wastewater infrastructure for approximately \$1.6 billion; the agreement was adopted by the BCC on
 May 21, 2013; On April 9, 2014, the U.S. District Court for the Southern District approved the Consent Decree, replacing and superseding the
 two existing consent decrees issued in th early-mid 1990's; all projects 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 2014-15, the Department will continue implementation of water system capital projects (\$113.876 million in FY 2014-15, \$3.9658 billion all years); major water system projects include but are not limited to Central Miami-Dade Water Transmission Mains Improvements, Water Distribution System Extension Enhancements, South Miami Heights Water Treatment Plant and Wellfield, Water Treatment Plant - Floridian Reverse Osmosis, Water System Maintenance and Upgrades, and Safe Drinking Water Act Modifications
- In FY 2014-15, the Department will continue implementation of wastewater system capital projects (\$182.842 million in FY 2014-15, \$9.386 billion all years), major wastewater system projects include but are 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-High Level Disinfection, 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

- The FY 2014-15 Proposed Budget and Multi-Year Capital Plan includes \$80 million in the Renewal and Replacement fund for an enhanced program to expedite repairs, replacements, and rehabilitation of pipe infrastructure and plant facilities
- In FY 2012-13, legislation modifying the State Ocean Outfall Statute was signed into law by the Governor of Florida that provides additional flexibility for the Department to manage peak flows and to fulfill all wastewater reuse requirements in the statute; these changes save the Department approximately \$1 billion in project costs, which is budgeted at \$3.4 billion through 2025

PROJECT #: 962670

PROJECT #: 962830

FUNDED CAPITAL PROJECTS

(dollars in thousands)

								TROOP	01 //. 0020	
DESCRIPTION: LOCATION:	fall flows to the	ocean		ict Located: ict(s) Served:		Syster Syster				
REVENUE SCHEDULE	≣:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Connection	on Charges	20,000	0	0	0	0	0	0	0	20,000
Future WASD Revenu	ie Bonds	0	0	16,911	54,112	79,799	151,324	161,387	2,927,420	3,390,953
WASD Revenue Bond	ls Sold	1,188	0	0	0	0	0	0	0	1,188
TOTAL REVENUES:	=	21,188	0	16,911	54,112	79,799	151,324	161,387	2,927,420	3,412,141
EXPENDITURE SCHE	DULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design		50	2,069	1,691	5,411	7,980	15,132	16,139	292,742	341,214
Construction	_	450	18,619	15,220	48,701	71,819	136,192	145,248	2,634,678	3,070,927
TOTAL EXPENDITURI	ES:	500	20,688	16,911	54,112	79,799	151,324	161,387	2,927,420	3,412,141

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

SYSTEM IMPROVEMENTS PROJECT - GENERAL OBLIGATION BONDS (GOB)

DESCRIPTION:	Replace undersized water mains and install new fire	e hydrants	
LOCATION:	Various Sites	District Located:	Systemwide
	Various Sites	District(s) Served:	Systemwide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
BBC GOB Financing	0	1,256	1,920	2,129	0	527	2,212	0	8,044
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	1,842	0	0	0	0	0	0	0	1,842
TOTAL REVENUES:	8,610	1,256	1,920	2,129	0	527	2,212	0	16,654
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	1,338	46	0	0	0	0	0	0	1,384
Construction	7,222	1,110	1,870	2,079	0	527	2,212	0	15,020
Project Administration	50	100	50	50	0	0	0	0	250
TOTAL EXPENDITURES:	8,610	1,256	1,920	2,129	0	527	2,212	0	16,654

LOCATION:	Systemwide Various Sites				ict Located: ict(s) Served:	participation plana	Syster Syster			
REVENUE SCHEDULE	:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Water Connection Cha	rges	1,227	0	0	0	0	0	0	0	1,22
Future WASD Revenue	e Bonds	0	0	852	0	0	0	0	0	85
WASD Revenue Bonds	s Sold	1,500	0	0	0	0	0	0	0	1,50
TOTAL REVENUES:	-	2,727	0	852	0	0	0	0	0	3,57
EXPENDITURE SCHED	OULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTA
Construction	_	1,977	750	852	0	0	0	0	0	3,57
OTAL EXPENDITURE	S:	1,977	750	852	0	0	0	0	0	3,57
ASTEWATER TRE	ATMENT PLANT Design, construct					plants to com	bly with EPA (PROJE		20
LOCATION:	Various Sites Throughout Miam			Distri	ict Located: ict(s) Served:		Count	ywide		
REVENUE SCHEDULE Future WASD Revenue		PRIOR 0	2014-15 0	2015-16 58,235	2016-17 143,028	2017-18 112,073	2018-19 131,642	2019-20 168,945	FUTURE 381,010	TOTA 994,93
WASD Revenue Bonds		31,834	0	00,200	0	0	0	100,545	0	31,83
OTAL REVENUES:	-	31,834	0	58,235	143,028	112,073	131,642	168,945	381,010	1,026,76
EXPENDITURE SCHED		PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTA
Planning and Design	JOLE.	2,349	834	5,823	14,303	11,207	13,164	16,894	38,102	102,67
Construction		2,349	7,512	52,412	128,725	100,866	118,478	152,051	342,908	924,09
		23,488	8,346	58,235	143,028	112,073	131,642	168,945	381,010	1,026,76
	Annual Operating In	,	,		,		131,042	100,545	501,010	1,020,70
IEEDS ASSESSMEN DESCRIPTION: LOCATION:	ITS PROJECTS Construction of wa Various Sites Various Sites			ts including wa Distri		pelines and se	wer collection Syster Syster	nwide	CT #: 9643:	50
REVENUE SCHEDULE	:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	ΤΟΤΑ
BBC GOB Financing	٨	0	4,064	4,959	5,599	0	0	0	0	14,62
BBC GOB Series 2005		1,686	0	0	0	0	0	0	0	1,68
BBC GOB Series 2008 BBC GOB Series 2008		1,504	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1,50
BBC GOB Series 2008 BBC GOB Series 2013		2,288 25	0	0	0	0	0	0	0	2,28
BBC GOB Series 2013		25 419	0	0	0	0	0	0	0	4
OTAL REVENUES:	-	5,922	4.064	4,959	5,599	0	0	0	0	20,54
	ми г .		,	,	,	-	-	-	-	
XPENDITURE SCHED		PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE 0	TOTA
Land/Building Acquisition	UII	200 2,083	64 260	0 13	0 0	0 0	0 0	0 0	0	20 2,35
Planning and Design Construction		2,083	260 3.666	4,946	0 5,599	0	0	0	0	2,3: 17,8
Project Administration		3,039 0	3,000 74	4,940 0	0,099 0	0	0	0	0	17,03

DESCRIPTION: Construct facilities and install equipment to automate functions at water treatment plants

PROJECT #: 963110

5

AUTOMATION OF WATER TREATMENT PLANTS

Project Administration

TOTAL EXPENDITURES:

0

5,599

0

0

0

0

0

0

0

0

74

20,544

0

4,959

0

5,922

74

4,064

	CONSENT D	ECREE PR	OJECTS				PROJE	CT #: 964440	
DESCRIPTION: Design, construct, a	and rehabilitat	e pump statio			comply with E				
LOCATION: Various Sites Throughout Miami-	Dodo County			ct Located: ct(s) Served:		County County			
moughout mani-			DISUI	ci(s) Serveu.		County	wide		
REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Connection Charges	1,202	0	0	0	0	0	0	0	1,202
Future WASD Revenue Bonds	0	0	21,481	32,716	31,076	6,057	0	0	91,330
WASD Revenue Bonds Sold	14,236	0	0	0	0	0	0	0	14,236
TOTAL REVENUES:	15,438	0	21,481	32,716	31,076	6,057	0	0	106,768
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	973	571	2,148	3,272	3,108	606	0	0	10,678
Construction	8,757	5,137	19,333	29,444	27,968	5,451	0	0	96,090
TOTAL EXPENDITURES: Estimated Annual Operating Imp	9,730 bact will begin	5,708 in FY 2019-2	21,481 0 in the amou	32,716 nt of \$1,200,0	31,076 00	6,057	0	0	106,768
IIAMI SPRINGS CONSTRUCTION FU DESCRIPTION: Repair and or repla LOCATION: Miami Springs Miami Springs		-	Distri	hi Springs ct Located: ct(s) Served:		6	PROJE	CT #: 965450	
REVENUE SCHEDULE: Miami Springs Water Construction Fund	PRIOR 687	2014-15 0	2015-16 0	2016-17 0	2017-18 0	2018-19 0	2019-20 0	FUTURE 0	TOTAL 687
TOTAL REVENUES:	687	0	0	0	0	0	0	0	687
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	65 588	3 31	0 0	0 0	0 0	0 0	0 0	0 0	68 619
		31 34	0	0	0	0	0	0	687
—	653	54	U	U	U	-			
TOTAL EXPENDITURES:	ENT AREA	GENERAL	OBLIGATIO	ON BONDS	(GOB)	-	PROJE	CT #: 965520	
IW 37 AVE INDUSTRIAL DEVELOPM DESCRIPTION: Replace water and	ENT AREA sewer mains	GENERAL	OBLIGATIC Ave Industrial	ON BONDS	(GOB)		PROJE	CT #: 96552(
TOTAL EXPENDITURES: W 37 AVE INDUSTRIAL DEVELOPMI DESCRIPTION: Replace water and LOCATION: NW 37 Ave and NV	ENT AREA sewer mains	GENERAL	OBLIGATIC Ave Industrial Distri	DN BONDS Development ct Located:	(GOB)	2		CT #: 965520	
TOTAL EXPENDITURES: IW 37 AVE INDUSTRIAL DEVELOPMI DESCRIPTION: Replace water and	ENT AREA sewer mains	GENERAL	OBLIGATIC Ave Industrial Distri	ON BONDS	(GOB)	2 Systen		CT #: 96552(
TOTAL EXPENDITURES: IW 37 AVE INDUSTRIAL DEVELOPMI DESCRIPTION: Replace water and LOCATION: NW 37 Ave and NV Various Sites	ENT AREA sewer mains	- GENERAL in the NW 37 2014-15	OBLIGATIC Ave Industrial Distri Distri 2015-16	DN BONDS Development ct Located: ct(s) Served: 2016-17	(GOB) Area 2017-18			CT #: 965520 FUTURE	τοται
TOTAL EXPENDITURES: IW 37 AVE INDUSTRIAL DEVELOPMI DESCRIPTION: Replace water and LOCATION: NW 37 Ave and NV Various Sites REVENUE SCHEDULE: BBC GOB Financing	ENT AREA sewer mains V 36 St PRIOR 0	- GENERAL in the NW 37 2014-15 1,000	OBLIGATIC Ave Industrial Distri Distri 2015-16 2,740	DN BONDS Development ct Located: ct(s) Served: 2016-17 4,061	(GOB) Area 2017-18 1,696	Systen 2018-19 0	nwide 2019-20 0	FUTURE 0	TOTAI 9,491
TOTAL EXPENDITURES: W 37 AVE INDUSTRIAL DEVELOPM DESCRIPTION: Replace water and LOCATION: NW 37 Ave and NV Various Sites REVENUE SCHEDULE: BBC GOB Financing BBC GOB Series 2005A	ENT AREA sewer mains V 36 St PRIOR 0 4	- GENERAL in the NW 37 2014-15 1,000 0	OBLIGATIC Ave Industrial Distri Distri 2015-16 2,740 0	DN BONDS Development ct Located: ct(s) Served: 2016-17 4,061 0	(GOB) Area 2017-18 1,696 0	Systen 2018-19 0 0	nwide 2019-20 0 0	FUTURE 0 0	TOTAI 9,497
TOTAL EXPENDITURES: W 37 AVE INDUSTRIAL DEVELOPM DESCRIPTION: Replace water and LOCATION: NW 37 Ave and NV Various Sites REVENUE SCHEDULE: BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B	ENT AREA sewer mains V 36 St PRIOR 0 4 430	- GENERAL in the NW 37 2014-15 1,000 0 0	OBLIGATIC Ave Industrial Distri Distri 2015-16 2,740 0 0	DN BONDS Development ct Located: ct(s) Served: 2016-17 4,061 0 0	(GOB) Area 2017-18 1,696 0 0	Systen 2018-19 0 0 0	nwide 2019-20 0 0 0	FUTURE 0 0 0	TOTAI 9,497 430
TOTAL EXPENDITURES: W 37 AVE INDUSTRIAL DEVELOPMI DESCRIPTION: Replace water and LOCATION: NW 37 Ave and NV Various Sites REVENUE SCHEDULE: BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B BBC GOB Series 2008B-1	ENT AREA sewer mains V 36 St PRIOR 0 4 430 190	- GENERAL in the NW 37 2014-15 1,000 0 0 0	OBLIGATIC Ave Industrial Distri Distri 2015-16 2,740 0 0 0	DN BONDS Development ct Located: ct(s) Served: 2016-17 4,061 0 0 0	(GOB) Area 2017-18 1,696 0 0 0	Systen 2018-19 0 0 0 0	2019-20 0 0 0 0	FUTURE 0 0 0 0	TOTA 9,49 43 19
TOTAL EXPENDITURES: W 37 AVE INDUSTRIAL DEVELOPMI DESCRIPTION: Replace water and LOCATION: NW 37 Ave and NV Various Sites REVENUE SCHEDULE: BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B-1 BBC GOB Series 2014A	ENT AREA sewer mains V 36 St PRIOR 0 4 430 190 100	- GENERAL in the NW 37 2014-15 1,000 0 0 0 0 0	OBLIGATIC Ave Industrial Distri 2015-16 2,740 0 0 0 0 0	DN BONDS Development ct Located: ct(s) Served: 2016-17 4,061 0 0 0 0	(GOB) Area 2017-18 1,696 0 0 0 0	System 2018-19 0 0 0 0 0	2019-20 0 0 0 0 0 0	FUTURE 0 0 0 0 0	TOTAI 9,491 430 199 100
TOTAL EXPENDITURES: W 37 AVE INDUSTRIAL DEVELOPMI DESCRIPTION: Replace water and LOCATION: NW 37 Ave and NV Various Sites REVENUE SCHEDULE: BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B-1 BBC GOB Series 2014A TOTAL REVENUES:	ENT AREA sewer mains V 36 St PRIOR 0 4 430 190 100 724	- GENERAL in the NW 37 2014-15 1,000 0 0 0 0 0 1,000	OBLIGATI Ave Industrial Distri 2015-16 2,740 0 0 0 0 0 2,740	DN BONDS Development ct Located: ct(s) Served: 2016-17 4,061 0 0 0 0 0	(GOB) Area 2017-18 1,696 0 0 0 0 0 1,696	System 2018-19 0 0 0 0 0 0	2019-20 0 0 0 0 0 0 0	FUTURE 0 0 0 0 0	TOTAI 9,49 430 190 100 10,22
IV 37 AVE INDUSTRIAL DEVELOPMI DESCRIPTION: Replace water and LOCATION: NW 37 Ave and NV Various Sites REVENUE SCHEDULE: BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B BBC GOB Series 2008B-1 BBC GOB Series 2014A IOTAL REVENUES: EXPENDITURE SCHEDULE:	ENT AREA sewer mains V 36 St PRIOR 0 4 430 190 100 724 PRIOR	- GENERAL in the NW 37 2014-15 1,000 0 0 0 1,000 2014-15	OBLIGATIC Ave Industrial Distri 2015-16 2,740 0 0 0 0 2,740 2,740	DN BONDS Development ct Located: ct(s) Served: 2016-17 4,061 0 0 0 0 4,061 2016-17	(GOB) Area 2017-18 1,696 0 0 0 0 1,696 2017-18	System 2018-19 0 0 0 0 2018-19	2019-20 0 0 0 0 0 0 0 0 2019-20	FUTURE 0 0 0 0 0 FUTURE	TOTAI 9,497 430 100 10,22° TOTAI
TOTAL EXPENDITURES: IW 37 AVE INDUSTRIAL DEVELOPMI DESCRIPTION: Replace water and LOCATION: NW 37 Ave and NV Various Sites REVENUE SCHEDULE: BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B BBC GOB Series 2008B-1	ENT AREA sewer mains V 36 St PRIOR 0 4 430 190 100 724	- GENERAL in the NW 37 2014-15 1,000 0 0 0 0 0 1,000	OBLIGATI Ave Industrial Distri 2015-16 2,740 0 0 0 0 0 2,740	DN BONDS Development ct Located: ct(s) Served: 2016-17 4,061 0 0 0 0 0	(GOB) Area 2017-18 1,696 0 0 0 0 0 1,696	System 2018-19 0 0 0 0 0 0	2019-20 0 0 0 0 0 0 0	FUTURE 0 0 0 0 0	

DESCRIPTION: LOCATION:	Plan and construc Systemwide Various Sites	S EFFLUEN t facilities for a		Distri	vastewater trea ct Located: ct(s) Served:	atment plants	Systen Systen		CT #: 965630	
REVENUE SCHEDULE Future WASD Revenue		PRIOR 0	2014-15 0	2015-16 0	2016-17 0	2017-18 0	2018-19 0	2019-20 0	FUTURE 95,000	TOTAL 95,000
TOTAL REVENUES:		0	0	0	0	0	0	0	95,000 95,000	95,000 95,000
EXPENDITURE SCHED		PRIOR	0 2014-15	2015-16	0 2016-17	0 2017-18	0 2018-19	2019-20	FUTURE	TOTAL
Planning and Design	JOLE.	0	2014-13	2013-10	2010-17	2017-18	2010-19	2019-20	8,550	8,550
Construction		0	0	0	0	0	0	0	86,450	86,450
TOTAL EXPENDITURE	======================================	0	0	0	0	0	0	0	95,000	95,000
SYSTEM ENHANCEI DESCRIPTION: LOCATION:	MENTS - GENER Replace and insta Systemwide Various Sites			uiring service i Distri	mprovements ct Located: ct(s) Served:		Systen Systen		CT #: 966370	
REVENUE SCHEDULE	:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
BBC GOB Financing		0	400	800	600	0	0	0	0	1,800
BBC GOB Series 2005		2,639	0	0	0	0	0	0	0	2,639
BBC GOB Series 2008 BBC GOB Series 2011		50 1,723	0 0	0 0	0 0	0 0	0 0	0 0	0 0	50 1,723
BBC GOB Series 2011 BBC GOB Series 2014		500	0	0	0	0	0	0	0	500
TOTAL REVENUES:	_	4,912	400	800	600	0	0	0	0	6,712
EXPENDITURE SCHED	DULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design		198	0	0	0	0	0	0	0	198
Construction		4,714	400	800	600	0	0	0	0	6,514
TOTAL EXPENDITURE	:S:	4,912	400	800	600	0	0	0	0	6,712
NATER TREATMEN DESCRIPTION: LOCATION:	T PLANT - FLOR Construct a 10-mil Hialeah's service a 700 W 2 Ave Hialeah	llion gallons pe	r day (MGD) I	Reverse Osmo on, includes co Distri				n from City of	erve the City of	
		PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	
Water Connection Cha	irges	PRIOR 852 0	0	0	0	0	0	0	0	852
REVENUE SCHEDULE Water Connection Cha Future WASD Revenue Hialeah Reverse Osmo Construction Fund	rges e Bonds	852								TOTAL 852 18,915 44,757
Water Connection Cha Future WASD Revenue Hialeah Reverse Osmo Construction Fund	rges e Bonds	852 0	0 0	0 0	0 0	0 0	0 0	0 0	0 18,915	852 18,915
Water Connection Cha Future WASD Revenue Hialeah Reverse Osmo	rges e Bonds osis Plant —	852 0 44,757	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 18,915 0	852 18,915 44,757
Water Connection Cha Future WASD Revenue Hialeah Reverse Osmo Construction Fund TOTAL REVENUES:	rges e Bonds osis Plant —	852 0 44,757 45,609	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 18,915 0 18,915	852 18,915 44,757 64,524

Estimated Annual Operating Impact will begin in FY 2013-14 in the amount of \$6,000,000

PROJECT #: 967090

EXTENSION OF SEWER SYSTEM TO COMMERCIAL AND INDUSTRIAL CORRIDORS OF THE COUNTY AS PER BCC RESOLUTION R-537-14 - BUILDING BETTER COMMUNITIES BOND

PROGRAM

BBC GOB Financing 0 0 1.000 6.000 39.000 44.000 36.000 0 126.0 TOTAL REVENUES: 0 0 1.000 6.000 39.000 44.000 36.000 0 126.0 EXPENDITURE SCHEDULE: PRIOR 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 FUTURE TOTAL Construction 0 0 0 0 0 0 0 0 0 0 119.0 TOTAL EXPENDITURES: 0 0 1.000 6.000 39.000 44.000 36.000 0 126.0 WATER PIPES AND INFRASTRUCTURE PROJECTS District Located: Systemwide Systemwide Systemwide 126.0 119.0 126.0 <td< th=""><th>LOCATION: Va</th><th>tend sewer service to deve rious Sites roughout Miami-Dade Cou</th><th>·</th><th>Distri</th><th>al corridors in ict Located: ict(s) Served:</th><th>Miami-Dade (</th><th>County County County</th><th></th><th></th><th></th></td<>	LOCATION: Va	tend sewer service to deve rious Sites roughout Miami-Dade Cou	·	Distri	al corridors in ict Located: ict(s) Served:	Miami-Dade (County County County			
EXPENDITURE SCHEDULE: PRIOR 2014-15 2016-16 2017-18 2019-20 FUTURE TOTA Planning and Design 0										TOTAL 126,000
Planning and Design 0 119 TOTAL EXPENDITURES: 0 0 1,000 6,000 39,000 44,000 36,000 0 126,000 WATER PIPES AND INFRASTRUCTURE PROJECTS PROJECT #: 967190 DESCRIPTION: Replace pipe and construct infrastructure repairs LOCATION: Systemwide Systemwide LOCATION: Construction 45,024 0 6,837 6,202 5,548 4,874 4,180 0 10,943 0 </td <td>TOTAL REVENUES:</td> <td></td> <td>0 0</td> <td>1,000</td> <td>6,000</td> <td>39,000</td> <td>44,000</td> <td>36,000</td> <td>0</td> <td>126,000</td>	TOTAL REVENUES:		0 0	1,000	6,000	39,000	44,000	36,000	0	126,000
Planning and Design 0 0 1,000 6,000 0 0 0 7,4 Construction 0 0 0 0 0,00 39,000 44,000 36,000 0 119,00 TOTAL EXPENDITURES: 0 0 1,000 6,000 39,000 44,000 36,000 0 126,0 WATER PIPES AND INFRASTRUCTURE PROJECTS PROJECT #: 967190 DESCRIPTION: Replace pipe and construct infrastructure repairs LOCATION: Construction Systemwide Systemwide REVENUE SCHEDULE: PRIOR 2014-15 2015-16 2016-17 2017-18 2019-20 FUTURE TOT WASD Revenue Bonds Sold 10,943 0 0 0 0 0 0 0 10,920 Construction 39,898 8,000 14,300 5,548 4,874 4,180 0 83,002 TOTAL REVENDES: 55,567 0 6,837 5,202 5,548 4,874 4,180 0 83,002 TOTAL REVENDES: 59,567 0 6,837 5,202 5,548	EXPENDITURE SCHEDULE	E: PRIO	R 2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Onstruction 0 0 0 0 39,000 44,000 36,000 0 1194 TOTAL EXPENDITURES: 0 0 1,000 6,000 39,000 44,000 36,000 0 1264 WATER PIPES AND INFRASTRUCTURE PROJECTS PROJECT #: 967190 DESCRIPTION: Replace pipe and construct infrastructure repairs District Located: Systemwide LOCATION: Countywide District Served: Systemwide Water Renewal and Replacement Fund 45,024 0 6,837 6,202 5,548 4,874 4,180 0 72,4 WASD Revenue Bonds Sold 10,443 0										7,000
TOTAL EXPENDITURES: 0 0 1,000 6,000 38,000 44,000 36,000 0 126,000 WATER PIPES AND INFRASTRUCTURE PROJECTS PROJECT #: 967190 DESCRIPTION: Replace pipe and construct infrastructure repairs District Located: Systemwide LOCATION: Countywide District Served: Systemwide Water Renewal and Replacement Fund 45,024 0 6,837 6,202 5,548 4,874 4,180 0 0,0 0			0 0	,		39,000	44,000	36,000	0	119,000
DESCRIPTION: Replace pipe and construct infrastructure repairs District Located: Systemwide LOCATION: Countywide District (s) Served: Systemwide REVENUE SCHEDULE: PRIOR 2014-15 2015-16 2016-17 2017-18 2019-20 FUTURE TOT Water Renewal and Replacement Fund 45,024 0 6,837 6,202 5,548 4,874 4,180 0 72,4 WASD Revenue Bonds Sold 10,943 0	TOTAL EXPENDITURES:		0 0	1,000	6,000	39,000	44,000	36,000	0	126,000
LOCATION: Countywide Various Sites District Located: Systemwide REVENUE SCHEDULE: PRIOR 2014-15 2015-16 2016-17 2018-19 2019-20 FUTURE TOT Water Renewal and Replacement Fund 45,024 0 6,837 6,202 5,548 4,874 4,180 0 72,4 WASD Revenue Bonds Sold 10,943 0 <t< td=""><td>-</td><td></td><td></td><td>irs</td><td></td><td></td><td></td><td>PROJE</td><td>CT #: 967190</td><td></td></t<>	-			irs				PROJE	CT #: 967190	
Water Renewal and Replacement Fund 45,024 0 6,837 6,202 5,548 4,874 4,180 0 72,0 WASD Revenue Bonds Sold 10,943 0 <	LOCATION: Co	untywide		Distri			,			
WASD Revenue Bonds Sold 10,943 0 10,93 0 0 10,93 0 0 10,93 0 0 10,93 0 <td>REVENUE SCHEDULE:</td> <td>PRIO</td> <td>R 2014-15</td> <td>2015-16</td> <td>2016-17</td> <td>2017-18</td> <td>2018-19</td> <td>2019-20</td> <td>FUTURE</td> <td>TOTAL</td>	REVENUE SCHEDULE:	PRIO	R 2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
TOTAL REVENUES: 55,967 0 6,837 6,202 5,548 4,874 4,180 0 83,75 EXPENDITURE SCHEDULE: PRIOR 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 FUTURE TOT Planning and Design 1,597 320 596 248 222 195 167 0 3; Construction 38,301 7,680 14,310 5,954 5,326 4,679 4,013 0 80,7 TOTAL EXPENDITURES: 39,898 8,000 14,906 6,202 5,548 4,874 4,180 0 83,4 UPGRADE OF MIAMI SPRINGS PUMP STATIONS - GENERAL OBLIGATION BONDS (GOB) PROJECT #: 967730 DESCRIPTION: Upgrade electrical control panels, pumps and proprietary SCADA system District Located: 6 LOCATION: Various Sites District Located: 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										72,665
EXPENDITURE SCHEDULE: PRIOR 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 FUTURE TOT Planning and Design 1,597 320 596 248 222 195 167 0 3; Construction 38,301 7,680 14,310 5,954 5,326 4,679 4,013 0 80,7 TOTAL EXPENDITURES: 39,898 8,000 14,906 6,202 5,548 4,874 4,180 0 83,0 UPGRADE OF MIAMI SPRINGS PUMP STATIONS - GENERAL OBLIGATION BONDS (GOB) PROJECT #: 967730 DESCRIPTION: Upgrade electrical control panels, pumps and proprietary SCADA system 0 0 0 0 83,0 LOCATION: Various Sites District Located: 6 0	WASD Revenue Bonds Sol	ld 10,94	3 0	0	0	0	0	0	0	10,943
Planning and Design Construction 1,597 38,301 320 7,680 596 14,310 248 5,954 222 5,326 195 4,679 167 4,013 0 3,30 80,4 TOTAL EXPENDITURES: 39,898 8,000 14,906 6,202 5,548 4,874 4,180 0 83,4 UPGRADE OF MIAMI SPRINGS PUMP STATIONS - GENERAL OBLIGATION BONDS (GOB) DESCRIPTION: Upgrade electrical control panels, pumps and proprietary SCADA system LOCATION: PROJECT #: 967730 DESCRIPTION: Upgrade electrical control panels, pumps and proprietary SCADA system UVArious Sites District Located: 6 6 BBC GOB Financing 0 200 71 0 0 0 0 20 BBC GOB Series 2008B-1 559 0	TOTAL REVENUES:	55,96	7 0	6,837	6,202	5,548	4,874	4,180	0	83,608
Construction 38,301 7,680 14,310 5,954 5,326 4,679 4,013 0 80,7 TOTAL EXPENDITURES: 39,898 8,000 14,906 6,202 5,548 4,874 4,180 0 83,7 UPGRADE OF MIAMI SPRINGS PUMP STATIONS - GENERAL OBLIGATION BONDS (GOB) PROJECT #: 967730 DESCRIPTION: Upgrade electrical control panels, pumps and proprietary SCADA system 6 6 6 6 7 7 0 0 0 2019-20 FUTURE TOT BBC GOB Financing 0 200 71 0 0 0 0 20	EXPENDITURE SCHEDULE	E: PRIO	R 2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
TOTAL EXPENDITURES: 39,898 8,000 14,906 6,202 5,548 4,874 4,180 0 83,4 UPGRADE OF MIAMI SPRINGS PUMP STATIONS - GENERAL OBLIGATION BONDS (GOB) PROJECT #: 967730 967730 DESCRIPTION: Upgrade electrical control panels, pumps and proprietary SCADA system 6 6 LOCATION: Various Sites District Located: 6 6 Various Sites District(s) Served: Systemwide 71 0 0 0 20 BBC GOB Financing 0 200 71 0 0 0 20	Planning and Design			596	248		195	167	0	3,345
UPGRADE OF MIAMI SPRINGS PUMP STATIONS - GENERAL OBLIGATION BONDS (GOB) PROJECT #: 967730 DESCRIPTION: Upgrade electrical control panels, pumps and proprietary SCADA system 6 LOCATION: Various Sites District Located: 6 Various Sites District(s) Served: Systemwide REVENUE SCHEDULE: PRIOR 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 FUTURE TOT BBC GOB Financing 0 200 71 0 0 0 2 BBC GOB Series 2008B-1 559 0 0 0 0 0 0 2 TOTAL REVENUES: 567 200 71 0 0 0 0 3 EXPENDITURE SCHEDULE: PRIOR 2014-15 2015-16 2016-17 2017-18 2019-20 FUTURE TOT BBC GOB Series 2011A 8 0 0 0 0 0 0 0 3 Construction 567 200 71 0 0 0 0 4	Construction	38,30	1 7,680	14,310	5,954	5,326	4,679	4,013	0	80,263
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 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 FUTURE TOT BBC GOB Financing 0 200 71 0 0 0 0 2 BBC GOB Series 2008B-1 559 0 0 0 0 0 0 0 2 BBC GOB Series 2011A 8 0 0 0 0 0 0 0 2 COB Series 2011A 8 0 0 0 0 0 0 0 0 0 0 TOTAL REVENUES: 567 200 71 0 0 0 0 2 Construction 567 200 71 0 0 0 0 0 0 0 OBC OB 567 200 71 0 0 0 0	TOTAL EXPENDITURES:	39,89	8 8,000	14,906	6,202	5,548	4,874	4,180	0	83,608
REVENUE SCHEDULE: PRIOR 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 FUTURE TOT BBC GOB Financing 0 200 71 0 0 0 0 20 BBC GOB Series 2008B-1 559 0 0 0 0 0 0 20 BBC GOB Series 2011A 8 0 0 0 0 0 0 20	DESCRIPTION: Up LOCATION: Va	grade electrical control pa rious Sites		proprietary SC Distri	CADA system ict Located:	6 (GOB)			CT #: 96773(
BBC GOB Financing 0 200 71 0 0 0 0 0 2 BBC GOB Series 2008B-1 559 0 <td>Va</td> <td>rious Sites</td> <td></td> <td>Distri</td> <td>ict(s) Served:</td> <td></td> <td>Syster</td> <td>nwide</td> <td></td> <td></td>	Va	rious Sites		Distri	ict(s) Served:		Syster	nwide		
BBC GOB Financing 0 200 71 0 0 0 0 0 2 BBC GOB Series 2008B-1 559 0 <td>REVENUE SCHEDULE:</td> <td>PRIO</td> <td>R 2014-15</td> <td>2015-16</td> <td>2016-17</td> <td>2017-18</td> <td>2018-19</td> <td>2019-20</td> <td>FUTURE</td> <td>TOTAL</td>	REVENUE SCHEDULE:	PRIO	R 2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
BBC GOB Series 2008B-1 559 0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>271</td>										271
TOTAL REVENUES: 567 200 71 0		55			0	0	0	0	0	559
EXPENDITURE SCHEDULE: PRIOR 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 FUTURE TOT Construction 567 200 71 0<	BBC GOB Series 2011A		8 0	0	0	0	0	0	0	8
Construction 567 200 71 0 0 0 0 8	TOTAL REVENUES:	56	7 200	71	0	0	0	0	0	838
Construction 567 200 71 0 0 0 0 8	EXPENDITURE SCHEDUL	: PRIO	R 2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
										838
TUTAL EXPENDITURES: 56/ 200 /1 0 0 0 0 0	TOTAL EXPENDITURES:	56		71	0	0	0	0	0	838

	new sewer service to co ites ut Miami-Dade County	onimerciai pro	Distri	ict Located: ict(s) Served:		N/A N/A		a pump stations	
REVENUE SCHEDULE: Future WASD Revenue Bonds	PRIOR 0	2014-15 0	2015-16 14,401	2016-17 14,796	2017-18 42,029	2018-19 68,182	2019-20 62,956	FUTURE 71,237	TOTAL 273,601
TOTAL REVENUES:	0	0	14,401	14,796	42,029	68,182	62,956	71,237	273,601
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	0	2014-13	1,440	1,480	4,203	6,818	6,296	7,124	27,361
Construction	0	0	12,961	13,316	37,826	61,364	56,660	64,113	246,240
TOTAL EXPENDITURES:	0	0	14,401	14,796	42,029	68,182	62,956	71,237	273,601
LOCATION: Various S	onstruct, and rehabilitat		nd transmissio Distri	on infrastructu ict Located: ict(s) Served:	re lines to con	nply with EPA County County	/wide		j0 k
REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Connection Charges	13,469	9,329	0	0	0	0	0	0	22,798
Wastewater Renewal Fund Future WASD Revenue Bonds	2,621 0	537 0	189 78,175	0 104,102	0 36,557	0 25,786	0 10,100	0 75,074	3,347 329,794
WASD Revenue Bonds Sold	35,042	0	10,175	104,102 0	30,337 0	23,700	0	15,074	35,042
TOTAL REVENUES:	51,132	9,866	78,364	104,102	36,557	25,786	10,100	75,074	390,981
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	3,368	2,016	8,552	10,410	3,656	2,579	1,010	7,507	39,098
Construction	30,312	18,147	76,967	93,692	32,901	23,207	9,090	67,567	351,883
TOTAL EXPENDITURES:	33,680	20,163	85,519	104,102	36,557	25,786	10,100	75,074	390,981
	and install new pipelines ites		Distri	improvements ict Located: ict(s) Served:	i	Systen Systen		CT #: 96875	50
LOCATION: Various S Various S REVENUE SCHEDULE: Wastewater Renewal Fund	and install new pipelines ites ites PRIOR 24,874	s in areas requ 2014-15 0	Distri Distri 2015-16 6,811	ict Located: ict(s) Served: 2016-17 6,326	2017-18 5,826	Systen 2018-19 5,310	nwide nwide 2019-20 4,780	FUTURE 0	TOTAL 53,927
DESCRIPTION: Replace a LOCATION: Various S Various S REVENUE SCHEDULE: Wastewater Renewal Fund WASD Revenue Bonds Sold	nd install new pipelines ites PRIOR 24,874 1,580	s in areas requ 2014-15 0 0	Distri Distri 2015-16 6,811 0	ict Located: ict(s) Served: 2016-17 6,326 0	2017-18 5,826 0	Systen 2018-19 5,310 0	nwide nwide 2019-20 4,780 0	FUTURE 0 0	TOTAL 53,927 1,580
DESCRIPTION: Replace a LOCATION: Various S Various S REVENUE SCHEDULE: Wastewater Renewal Fund WASD Revenue Bonds Sold TOTAL REVENUES:	end install new pipelines ites PRIOR 24,874 1,580 26,454	s in areas requ 2014-15 0	Distri Distri 2015-16 6,811 0 6,811	2016-17 6,326 0 6,326	2017-18 5,826 0 5,826	Systen 2018-19 5,310 0 5,310	nwide 2019-20 4,780 0 4,780	FUTURE 0 0 0	TOTAL 53,927 1,580 55,50 7
DESCRIPTION: Replace a LOCATION: Various S Various S REVENUE SCHEDULE: Wastewater Renewal Fund WASD Revenue Bonds Sold TOTAL REVENUES: EXPENDITURE SCHEDULE:	nd install new pipelines ites PRIOR 24,874 1,580 26,454 PRIOR	2014-15 0 0 2014-15	2015-16 6,811 0 6,811 2015-16	2016-17 6,326 0 6,326 2016-17	2017-18 5,826 0 5,826 2017-18	Systen 2018-19 5,310 0 5,310 2018-19	nwide 2019-20 4,780 0 4,780 2019-20	FUTURE 0 0 0 FUTURE	TOTAL 53,927 1,580 55,507 TOTAL
DESCRIPTION: Replace a LOCATION: Various S Various S REVENUE SCHEDULE: Wastewater Renewal Fund	end install new pipelines ites PRIOR 24,874 1,580 26,454	2014-15 0 0 0	Distri Distri 2015-16 6,811 0 6,811	2016-17 6,326 0 6,326	2017-18 5,826 0 5,826	Systen 2018-19 5,310 0 5,310	nwide 2019-20 4,780 0 4,780	FUTURE 0 0 0	50 TOTAL 53,927 1,580 55,507 TOTAL 8,882 46,625

MIAMI SPRINGS CONSTRUCTION FL DESCRIPTION: Construct wastewa	-		vements in Mia	ami Springs			PROJE	CT #: 96911	0
LOCATION: Miami Springs Miami Springs				ct Located: ct(s) Served:		6 6			
REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Miami Springs Wastewater Construction Fund	1,326	0	0	0	0	0	0	0	1,326
TOTAL REVENUES:	1,326	0	0	0	0	0	0	0	1,326
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	98	10	20	4	0	0	0	0	132
Construction	884	90	180	40	0	0	0	0	1,194
TOTAL EXPENDITURES:	982	100	200	44	0	0	0	0	1,326
PERRINE / CUTLER IMPROVEMENTS	S - GENERA	L OBLIGATI	ION BONDS	(GOB)			PROJE	CT #: 96983	0 🔊
PERRINE / CUTLER IMPROVEMENTS DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites			uding gravity s Distri		nains, and pu	mp stations 8, 9 Syster		CT #: 96983	0
DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites REVENUE SCHEDULE:	nd sewer impro	ovements inclu 2014-15	uding gravity s Distri Distri 2015-16	ewers, force r ct Located: ct(s) Served: 2016-17	2017-18	8, 9 Syster 2018-19	nwide 2019-20	FUTURE	TOTAL
DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites REVENUE SCHEDULE: EPA Grant	nd sewer impro PRIOR 3,880	ovements inclu 2014-15 0	uding gravity s Distri Distri 2015-16 0	ewers, force r ct Located: ct(s) Served: 2016-17 0	2017-18 0	8, 9 Syster 2018-19 0	nwide 2019-20 0	FUTURE 0	TOTAL 3,880
DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites REVENUE SCHEDULE: EPA Grant BBC GOB Financing	nd sewer impro PRIOR 3,880 0	2014-15 0 1,866	uding gravity s Distri Distri 2015-16 0 934	ewers, force r ct Located: ct(s) Served: 2016-17 0 0	2017-18 0 0	8, 9 Syster 2018-19 0 0	nwide 2019-20 0 0	FUTURE 0 0	TOTAL 3,880 2,800
DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites REVENUE SCHEDULE: EPA Grant BBC GOB Financing BBC GOB Series 2005A	nd sewer impro PRIOR 3,880 0 138	2014-15 0 1,866 0	uding gravity s Distri Distri 2015-16 0 934 0	ewers, force r ct Located: ct(s) Served: 2016-17 0 0 0	2017-18 0 0 0	8, 9 Syster 2018-19 0 0 0	nwide 2019-20 0 0 0	FUTURE 0 0 0	TOTAL 3,880 2,800 138
DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites REVENUE SCHEDULE: EPA Grant BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B-1	nd sewer impro PRIOR 3,880 0 138 2,617	2014-15 0 1,866 0 0	uding gravity s Distri 2015-16 0 934 0 0	ewers, force r ct Located: ct(s) Served: 2016-17 0 0 0 0	2017-18 0 0 0 0	8, 9 Syster 2018-19 0 0 0 0	nwide 2019-20 0 0 0 0	FUTURE 0 0 0 0	TOTAL 3,880 2,800 138 2,617
DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites REVENUE SCHEDULE: EPA Grant BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B-1 BBC GOB Series 2011A	PRIOR 3,880 0 138 2,617 2,252	2014-15 0 1,866 0 0 0	uding gravity s Distri 2015-16 0 934 0 0 0 0	ewers, force r ct Located: ct(s) Served: 2016-17 0 0 0 0 0 0 0	2017-18 0 0 0 0 0 0	8, 9 Syster 2018-19 0 0 0 0 0	nwide 2019-20 0 0 0 0 0 0	FUTURE 0 0 0 0 0 0	TOTAL 3,880 2,800 138 2,617 2,252
DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites REVENUE SCHEDULE: EPA Grant BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B-1 BBC GOB Series 2011A BBC GOB Series 2013A	PRIOR 3,880 0 138 2,617 2,252 1,922	2014-15 0 1,866 0 0	uding gravity s Distri 2015-16 0 934 0 0	ewers, force r ct Located: ct(s) Served: 2016-17 0 0 0 0	2017-18 0 0 0 0	8, 9 Syster 2018-19 0 0 0 0	nwide 2019-20 0 0 0 0	FUTURE 0 0 0 0	TOTAL 3,880 2,800 138 2,617 2,252 1,922
DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites REVENUE SCHEDULE: EPA Grant BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B-1 BBC GOB Series 2011A	PRIOR 3,880 0 138 2,617 2,252 1,922 1,413	2014-15 0 1,866 0 0 0 0	uding gravity s Distri 2015-16 0 934 0 0 0 0 0	ewers, force r ct Located: ct(s) Served: 2016-17 0 0 0 0 0 0 0 0 0 0	2017-18 0 0 0 0 0 0 0 0	8, 9 Syster 2018-19 0 0 0 0 0 0	nwide 2019-20 0 0 0 0 0 0 0 0 0 0 0 0 0	FUTURE 0 0 0 0 0 0 0 0	TOTAL 3,880 2,800 138 2,617 2,252 1,922 1,413
DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites EPA Grant BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B-1 BBC GOB Series 2011A BBC GOB Series 2013A BBC GOB Series 2014A	PRIOR 3,880 0 138 2,617 2,252 1,922	2014-15 0 1,866 0 0 0 0 0 0	uding gravity s Distri 2015-16 0 934 0 0 0 0 0 0 0 0 0	ewers, force r ct Located: ct(s) Served: 2016-17 0 0 0 0 0 0 0 0 0 0 0 0	2017-18 0 0 0 0 0 0 0 0 0	8, 9 Syster 2018-19 0 0 0 0 0 0 0 0	nwide 2019-20 0 0 0 0 0 0 0 0 0 0 0 0 0	FUTURE 0 0 0 0 0 0 0 0 0	TOTAL 3,880 2,800 138 2,617 2,252 1,922
DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites REVENUE SCHEDULE: EPA Grant BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B-1 BBC GOB Series 2011A BBC GOB Series 2013A BBC GOB Series 2014A TOTAL REVENUES:	PRIOR 3,880 0 138 2,617 2,252 1,922 1,413 12,222	2014-15 0 1,866 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	uding gravity s Distri 2015-16 0 934 0 0 0 0 0 0 0 934	ewers, force r ct Located: ct(s) Served: 2016-17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2017-18 0 0 0 0 0 0 0 0 0 0 0	8, 9 Syster 2018-19 0 0 0 0 0 0 0 0 0 0 0	nwide 2019-20 0 0 0 0 0 0 0 0 0 0 0 0 0	FUTURE 0 0 0 0 0 0 0 0	TOTAL 3,880 2,800 138 2,617 2,252 1,922 1,413 15,022
DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites REVENUE SCHEDULE: EPA Grant BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B-1 BBC GOB Series 2011A BBC GOB Series 2013A BBC GOB Series 2014A TOTAL REVENUES: EXPENDITURE SCHEDULE:	PRIOR 3,880 0 138 2,617 2,252 1,922 1,413 12,222 PRIOR	2014-15 0 1,866 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	uding gravity s Distri 2015-16 0 934 0 0 0 0 0 0 934 2015-16	ewers, force r ct Located: ct(s) Served: 2016-17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2017-18 0 0 0 0 0 0 0 0 2017-18	8, 9 Syster 2018-19 0 0 0 0 0 0 0 0 0 2018-19	nwide 2019-20 0 0 0 0 0 2019-20	FUTURE 0 0 0 0 0 0 FUTURE	TOTAL 3,880 2,800 138 2,617 2,252 1,922 1,413 15,022 TOTAL
DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites REVENUE SCHEDULE: EPA Grant BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B-1 BBC GOB Series 2011A BBC GOB Series 2011A BBC GOB Series 2014A TOTAL REVENUES: EXPENDITURE SCHEDULE: Land/Building Acquisition	PRIOR 3,880 0 138 2,617 2,252 1,922 1,413 12,222 PRIOR 95	2014-15 0 1,866 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	uding gravity s Distri 2015-16 0 934 0 0 0 0 0 0 934 2015-16 0	ewers, force r ct Located: ct(s) Served: 2016-17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2017-18 0 0 0 0 0 0 0 2017-18 0	8,9 Syster 2018-19 0 0 0 0 0 0 0 2018-19 0	nwide 2019-20 0 0 0 0 0 0 2019-20 0	FUTURE 0 0 0 0 0 0 FUTURE 0	TOTAL 3,880 2,800 138 2,617 2,252 1,922 1,413 15,022 TOTAL 95

WATER TREATMENT PL										
					anta			PROJE	CT #: 96109	60
LOCATION: Wa	grade water treatm ater Treatment Plan rious Sites	•	to meet regula	Distri	ict Located: ict(s) Served:		Systen Systen			
							.,			
REVENUE SCHEDULE:		PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Water Construction Fund		344	0	0	0	0	0	0	0	344
Water Renewal and Replac		10	0	0	0	0	0	0	0	10
Future WASD Revenue Bor WASD Revenue Bonds Sol		0 14,482	0 0	6,010 0	5,000 0	1,510 0	0 0	0 0	0 0	12,52 14,48
	<u> </u>	,	0	-		-	0	0	0	
	_	14,836	-	6,010	5,000	1,510	-	-	-	27,35
EXPENDITURE SCHEDULE	=:	PRIOR 1,380	2014-15 696	2015-16 841	2016-17 700	2017-18 211	2018-19 0	2019-20 0	FUTURE 0	TOTA 3,82
Planning and Design Construction		1,300 6,510	3,282	3,967	3,300	997	0	0	0	3,620 18,050
Equipment Acquisition		1,973	995	1,202	1,000	302	0	0	0	5,472
TOTAL EXPENDITURES:		9,863	4,973	6,010	5,000	1,510	0	0	0	27,35
pla LOCATION: Sou	ATER TRANSMI nstruct various wat nt is in service uth Miami-Dade Co rious Sites	er transmis		serve south N Distri		ounty after the	e new South M Systen Systen	nwide		
REVENUE SCHEDULE: Future WASD Revenue Bor	nds	PRIOR 0	2014-15 0	2015-16 0	2016-17 0	2017-18 465	2018-19 793	2019-20 3,409	FUTURE 5,205	TOTA 9,87
WASD Future Funding		0	0	0	0	0	0	0	2,500	2,50
TOTAL REVENUES:		0	0	0	0	465	793	3,409	7,705	12,37
EXPENDITURE SCHEDULE	Ξ:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTA
Planning and Design		0	0	0	0	51	87	375	847	1,36
r lanning and Debign										,
Construction		0	0	0	0	414	706	3,034	6,858	11,01
Construction		0 0	0 0	0 0	0 0	414 465	706 793			11,01
Construction TOTAL EXPENDITURES: VATER TREATMENT PL DESCRIPTION: Con LOCATION: 680	ANT - ALEXAN nstruct high service 00 SW 87 Ave incorporated Miami	0 DER ORF e pumps, a	0 R, JR. EXPA 48-inch finish	0 INSION led water line, Distri	0	465	793	3,034 3,409 PROJEC	6,858 7,705 CT #: 96500	11,01 12,37
Construction TOTAL EXPENDITURES: VATER TREATMENT PL DESCRIPTION: Con LOCATION: 680 Uni	nstruct high service 00 SW 87 Ave	0 DER ORF pumps, a -Dade Cou	0 R, JR. EXPA 48-inch finisho unty	0 INSION ed water line, Distri Distri	0 install a new g ict Located: ict(s) Served:	465 generator, and	793 I construct chl 7 Systen	3,034 3,409 PROJEC orine facilities	6,858 7,705 CT #: 96500	11,01 12,37 31
Construction TOTAL EXPENDITURES: NATER TREATMENT PL DESCRIPTION: Coi LOCATION: 680 Uni	nstruct high service 00 SW 87 Ave incorporated Miami	0 DER ORF pumps, a -Dade Cou PRIOR	0 R, JR. EXPA 48-inch finishi unty 2014-15	0 INSION ed water line, Distri Distri 2015-16	0 install a new g ict Located: ict(s) Served: 2016-17	465 generator, and 2017-18	793 I construct chl 7 Systen 2018-19	3,034 3,409 PROJEC orine facilities nwide 2019-20	6,858 7,705 CT #: 96500	11,01 12,37 31
Construction TOTAL EXPENDITURES: VATER TREATMENT PL DESCRIPTION: Con LOCATION: 680 Uni	nstruct high service 00 SW 87 Ave incorporated Miami cement Fund	0 DER ORF pumps, a -Dade Cou	0 R, JR. EXPA 48-inch finisho unty	0 INSION ed water line, Distri Distri	0 install a new g ict Located: ict(s) Served:	465 generator, and	793 I construct chl 7 Systen	3,034 3,409 PROJEC orine facilities	6,858 7,705 CT #: 96500	11,01 12,37 31 TOTA 75
Construction TOTAL EXPENDITURES: VATER TREATMENT PL DESCRIPTION: Con LOCATION: 680 Uni REVENUE SCHEDULE: Water Renewal and Replac	nstruct high service 00 SW 87 Ave incorporated Miami eement Fund nds	0 DER ORF pumps, a -Dade Cou PRIOR 750	0 R, JR. EXPA 48-inch finishi unty 2014-15 0	0 INSION ed water line, Distri Distri 2015-16 0	0 install a new g ict Located: ict(s) Served: 2016-17 0	465 generator, and 2017-18 0	793 construct chl 7 Systen 2018-19 0	3,034 3,409 PROJEC orine facilities nwide 2019-20 0	6,858 7,705 CT #: 96500 5 FUTURE 0	11,01 12,37 31 TOTA 75 96,79
Construction TOTAL EXPENDITURES: VATER TREATMENT PL DESCRIPTION: Con LOCATION: 680 Uni REVENUE SCHEDULE: Water Renewal and Replac Future WASD Revenue Bor WASD Revenue Bonds Sol	nstruct high service 00 SW 87 Ave incorporated Miami eement Fund nds	0 DER ORF pumps, a -Dade Cou PRIOR 750 0	0 R, JR. EXPA 48-inch finish unty 2014-15 0 0	0 INSION ed water line, Distri Distri 2015-16 0 18,651	0 install a new g ict Located: ict(s) Served: 2016-17 0 29,294	465 generator, and 2017-18 0 13,515	793 I construct chl 7 Systen 2018-19 0 27,088	3,034 3,409 PROJEC orine facilities nwide 2019-20 0 8,244	6,858 7,705 CT #: 96500 5 FUTURE 0 0	11,01 12,37 31 TOTA 75 96,79 15,32
Construction TOTAL EXPENDITURES: VATER TREATMENT PL DESCRIPTION: Con LOCATION: 680 Uni REVENUE SCHEDULE: Water Renewal and Replac Future WASD Revenue Bor WASD Revenue Bonds Sol TOTAL REVENUES:	nstruct high service 00 SW 87 Ave incorporated Miami xement Fund nds Id	0 DER ORF pumps, a -Dade Cou PRIOR 750 0 15,323 16,073	0 R, JR. EXPA 48-inch finishr unty 2014-15 0 0 0 0 0	0 INSION ed water line, Distri Distri 2015-16 0 18,651 0 18,651	0 install a new g ict Located: ict(s) Served: 2016-17 0 29,294 0 29,294	465 generator, and 2017-18 0 13,515 0 13,515	793 I construct chl 7 Systen 2018-19 0 27,088 0 27,088	3,034 3,409 PROJEC orine facilities nwide 2019-20 0 8,244 0 8,244	6,858 7,705 CT #: 96500 5 FUTURE 0 0 0 0	11,01 12,37 31 TOTA 75 96,79 15,32 112,86
Construction TOTAL EXPENDITURES: WATER TREATMENT PL DESCRIPTION: Con LOCATION: 680 Uni REVENUE SCHEDULE: Water Renewal and Replac Future WASD Revenue Bor WASD Revenue Bonds Sol TOTAL REVENUES: EXPENDITURE SCHEDULE	nstruct high service 00 SW 87 Ave incorporated Miami xement Fund nds Id	0 DER ORF -Dade Cou -Dade Cou PRIOR 750 0 15,323	0 R, JR. EXPA 48-inch finish unty 2014-15 0 0 0 2014-15	0 INSION led water line, Distri Distri 2015-16 0 18,651 0	0 install a new g ict Located: ict(s) Served: 2016-17 0 29,294 0 29,294 2016-17	465 generator, and 0 13,515 0 13,515 2017-18	793 I construct chl 7 Systen 2018-19 0 27,088 0 27,088 2018-19	3,034 3,409 PROJEC orine facilities nwide 2019-20 0 8,244 0	6,858 7,705 CT #: 96500 s FUTURE 0 0 0	11,01 12,37 31 TOTA 75 96,79 15,32 112,86 TOTA
Construction TOTAL EXPENDITURES: NATER TREATMENT PL DESCRIPTION: Con LOCATION: 680 Uni REVENUE SCHEDULE: Water Renewal and Replac Future WASD Revenue Bor	nstruct high service 00 SW 87 Ave incorporated Miami xement Fund nds Id	0 DER ORF pumps, a -Dade Cou PRIOR 750 0 15,323 16,073 PRIOR	0 R, JR. EXPA 48-inch finishr unty 2014-15 0 0 0 0 0	0 INSION ed water line, Distri Distri 2015-16 0 18,651 0 18,651 2015-16	0 install a new g ict Located: ict(s) Served: 2016-17 0 29,294 0 29,294	465 generator, and 2017-18 0 13,515 0 13,515	793 I construct chl 7 Systen 2018-19 0 27,088 0 27,088	3,034 3,409 PROJEC orine facilities nwide 2019-20 0 8,244 0 8,244 2019-20	6,858 7,705 CT #: 96500 5 FUTURE 0 0 0 FUTURE	11,01 12,37

29,294

27,088

8,244

13,515

18,651

9,884

6,189

TOTAL EXPENDITURES:

112,865

0

WATER TREATMENT PLANT - HIALEAH/PRESTON IMPROVEMENTS

PROJECT #: 9650041



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

 LOCATION:
 700 W 2 Ave and 1100 W 2 Ave
 District Located:
 6

 Hialeah
 District(s) Served:
 Systemwide

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	16,350	14,800	20,525	15,963	8,512	0	76,150
WASD Revenue Bonds Sold	8,260	0	0	0	0	0	0	0	8,260
TOTAL REVENUES:	8,260	0	16,350	14,800	20,525	15,963	8,512	0	84,410
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	796	1,104	3,760	3,404	4,720	3,672	1,958	0	19,414
Construction	1,488	2,064	7,031	6,364	8,826	6,864	3,660	0	36,297
Equipment Acquisition	1,176	1,632	5,559	5,032	6,979	5,427	2,894	0	28,699
TOTAL EXPENDITURES:	3,460	4,800	16,350	14,800	20,525	15,963	8,512	0	84,410

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

			d a constant du	-1		and the data		PROJE	CT #: 9650 ⁴	141 🐚
LOCATION:	Acquire venicles, Systemwide Various Sites	equipment, and	d associated w	l water system capital support materials District Located: District(s) Served:			Systen Systen			
REVENUE SCHEDULE: Water Renewal and Rep		PRIOR 40,790	2014-15 13,732	2015-16 7,000	2016-17 7,000	2017-18 7,000	2018-19 7,000	2019-20 7,000	FUTURE 55,000	TOTAL 144,522
WASD Revenue Bonds	Sold =	52	0	0	0	0	0	0	0	52
TOTAL REVENUES:		40,842	13,732	7,000	7,000	7,000	7,000	7,000	55,000	144,574
EXPENDITURE SCHEDU Equipment Acquisition	JLE:	PRIOR 38,866	2014-15 15,708	2015-16 7,000	2016-17 7,000	2017-18 7,000	2018-19 7,000	2019-20 7,000	FUTURE 55,000	TOTAL 144,574
TOTAL EXPENDITURES): -	38,866	15,708	7,000	7,000	7,000	7,000	7,000	55,000	144,574

WATER TREATMENT PLANTS RE	PLACEMENT	AND RENOV	ATIONS				PROJEC	CT #: 965016	1 🐚
DESCRIPTION: Renovate and	replace water trea	atment plant fa	cilities and str	uctures within	plant sites				
LOCATION: Water Treatme	ent Plants		Distr	ict Located:		System	nwide		
Various Sites			Distri	ict(s) Served:		System	nwide		
REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Water Renewal and Replacement Fund	28,386	3,363	1,000	1,000	1,000	1,000	1,000	0	36,749
Future WASD Revenue Bonds	0	0	4,000	4,500	3,045	3,045	0	0	14,590
WASD Revenue Bonds Sold	3,560	0	0	0	0	0	0	0	3,560
TOTAL REVENUES:	31,946	3,363	5,000	5,500	4,045	4,045	1,000	0	54,899
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	1,624	494	300	330	243	243	60	0	3,294
Equipment Acquisition	25,448	7,743	4,700	5,170	3,802	3,802	940	0	51,605
TOTAL EXPENDITURES:	27,072	8,237	5,000	5,500	4,045	4,045	1,000	0	54,899

WATER SYSTEM MAINTENANCE AND UPGRADES

PROJECT #: 9650181

DESCRIPTION: Maintain a LOCATION: Systemwi Various S		ater system fa	Distri	ires, and equij ict Located: ict(s) Served:	oment	Systen Syster			
REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Water Renewal and Replacement	Fund 107,401	20,547	21,163	21,798	22,453	23,126	23,820	162,500	402,808
WASD Revenue Bonds Sold	6,593	0	0	0	0	0	0	0	6,593
TOTAL REVENUES:	113,994	20,547	21,163	21,798	22,453	23,126	23,820	162,500	409,401
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	5,700	1,027	1,058	1,090	1,123	1,156	1,191	8,125	20,470
Construction	108,294	19,520	20,105	20,708	21,330	21,970	22,629	154,375	388,931
TOTAL EXPENDITURES:	113,994	20,547	21,163	21,798	22,453	23,126	23,820	162,500	409,401

GRAVITY SEWER RENOVATIONS

TOTAL EXPENDITURES:

GRAVITY SEWER RE	ENOVATIONS		PROJECT #:	9650201	5
DESCRIPTION:	Rehabilitate gravity sewers to reduce infiltration and in	Iflow			
LOCATION:	Systemwide	District Located:	Systemwide		
	Various Sites	District(s) Served:	Systemwide		

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Renewal Fund	15,073	0	0	0	0	0	0	0	15,073
Future WASD Revenue Bonds	0	0	1,903	2,000	2,458	3,000	0	0	9,361
WASD Revenue Bonds Sold	4,320	0	0	0	0	0	0	0	4,320
TOTAL REVENUES:	19,393	0	1,903	2,000	2,458	3,000	0	0	28,754
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Construction	18,278	1,115	1,903	2,000	2,458	3,000	0	0	28,754
TOTAL EXPENDITURES:	18.278	1.115	1.903	2.000	2.458	3.000	0		28.754

SANITARY SEWER SYSTEM IMPRO DESCRIPTION: Construct sanita LOCATION: Systemwide Various Sites		improvement	Distri	from the spec ct Located: ct(s) Served:	ial constructio	n fund includii Systen Systen	nwide		221
REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Connection Charges	2,689	0	0	0	0	0	0	0	2,689
Wastewater Special Construction Fund	6,431	300	400	500	500	500	500	0	9,131
TOTAL REVENUES:	9,120	300	400	500	500	500	500	0	11,820
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	365	12	16	20	20	20	20	0	473
Construction	8,755	288	384	480	480	480	480	0	11,347

500

500

500

500

0

11,820

400

9,120

300

PROJECT #:

9650241

0

CENTRAL MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATION

IMPROVEMENTS

	Construct a force Beach to the Cer	•			agler St from S	SW 37 Ave to	SW 10 Ave, a	and a force ma	ain from Miami	
LOCATION:	Vastewater Syst			Distri	ct Located: ct(s) Served:		Syster Syster			
REVENUE SCHEDULE:		PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Connection	Charges	26,933	4,734	0	0	0	0	0	0	31,667
Future WASD Revenue B	Bonds	0	0	2,443	1,852	11,255	12,964	0	0	28,514
WASD Revenue Bonds S	Sold	5,302	0	0	0	0	0	0	0	5,302
WASD Future Funding		0	0	0	0	0	0	0	828	828
TOTAL REVENUES:	•	32,235	4,734	2,443	1,852	11,255	12,964	0	828	66,311
EXPENDITURE SCHEDU	LE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Land/Building Acquisitior	ı	166	46	130	343	1,030	830	74	33	2,652
Planning and Design		166	46	130	344	1,030	830	74	33	2,653
Construction		3,652	1,014	2,854	7,559	22,667	18,251	1,628	729	58,354
Equipment Acquisition	_	166	46	129	344	1,030	830	74	33	2,652
TOTAL EXPENDITURES	:	4,150	1,152	3,243	8,590	25,757	20,741	1,850	828	66,311

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

WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

DESCRIPTION: LOCATION:

PROJECT #: 9650271 5 Construct regional general maintenance centers, office facilities, and storage warehouses Systemwide District Located: Systemwide Various Sites District(s) Served: Systemwide **REVENUE SCHEDULE:** PRIOR FUTURE TOTAL 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 12,257 10,400 3,550 4,100 Future WASD Revenue Bonds 0 0 11,527 4,729 46,563 4,802 0 0 WASD Revenue Bonds Sold 0 0 0 0 0 4,802 0 0 WASD Future Funding 0 0 0 0 0 8,500 8,500 4 802 0 12 257 10 400 11 527 3 550 4 100 13 229 59 865

TOTAL REVENUES:	4,802	0	12,257	10,400	11,527	3,550	4,100	13,229	59,865
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Land/Building Acquisition	57	182	613	520	576	177	205	661	2,991
Planning and Design	69	219	736	624	692	213	246	794	3,593
Construction	1,024	3,251	10,908	9,256	10,259	3,160	3,649	11,774	53,281
TOTAL EXPENDITURES:	1,150	3,652	12,257	10,400	11,527	3,550	4,100	13,229	59,865

LOCATION: Systemwide Various Sites				ct Located: ct(s) Served:		Systen Systen			
REVENUE SCHEDULE: Wastewater Renewal Fund	PRIOR 60,109	2014-15 17,566	2015-16 8,000	2016-17 8,000	2017-18 8,000	2018-19 8,000	2019-20 8,000	FUTURE 0	TOTAI 117,67
TOTAL REVENUES:	60,109	17,566	8,000	8,000	8,000	8,000	8,000	0	117,67
EXPENDITURE SCHEDULE: Equipment Acquisition	PRIOR 53,559	2014-15 23,075	2015-16 9,041	2016-17 8,000	2017-18 8,000	2018-19 8,000	2019-20 8,000	FUTURE 0	TOTAI 117,67
			0.044	8,000	8,000	0.000		0	117,67
TOTAL EXPENDITURES: NASTEWATER SYSTEM MAINTEN DESCRIPTION: Maintain and de LOCATION: Systemwide Various Sites	53,559 NANCE AND UF evelop existing wa		Distri			8,000 Syster Syster			
NASTEWATER SYSTEM MAINTEN DESCRIPTION: Maintain and de LOCATION: Systemwide Various Sites	NANCE AND U	PGRADES	em facilities, s Distri	tructures, and		System	PROJE (361 TOTAI
NASTEWATER SYSTEM MAINTEN DESCRIPTION: Maintain and de LOCATION: Systemwide Various Sites REVENUE SCHEDULE:	NANCE AND UF evelop existing wa	PGRADES astewater syst 2014-15	em facilities, s Distri Distri 2015-16	tructures, and ct Located: ct(s) Served: 2016-17	d equipment	Systen Syster 2018-19	PROJE(nwide nwide 2019-20	CT #: 96503 FUTURE	561 TOTAI 324,04 3,18
NASTEWATER SYSTEM MAINTEN DESCRIPTION: Maintain and de LOCATION: Systemwide Various Sites REVENUE SCHEDULE: Wastewater Renewal Fund WASD Revenue Bonds Sold TOTAL REVENUES:	VANCE AND UF evelop existing wa 66,600 3,188 69,788	PGRADES astewater syst 2014-15 9,000 0 9,000	em facilities, s Distri 2015-16 16,189 0 16,189	tructures, and ct Located: ct(s) Served: 2016-17 16,674 0 16,674	2017-18 17,174 0 17,174	Syster Syster 2018-19 17,690 0 17,690	PROJE(nwide 2019-20 18,220 0 18,220	FUTURE 162,500 0 162,500	TOTAI 324,04' 3,184 327,23 :
NASTEWATER SYSTEM MAINTEN DESCRIPTION: Maintain and de LOCATION: Systemwide Various Sites REVENUE SCHEDULE: Wastewater Renewal Fund WASD Revenue Bonds Sold TOTAL REVENUES: EXPENDITURE SCHEDULE:	VANCE AND UF evelop existing wa 66,600 3,188 69,788 PRIOR	PGRADES astewater syst 2014-15 9,000 0 9,000 2014-15	em facilities, s Distri 2015-16 16,189 0 16,189 2015-16	tructures, and ct Located: ct(s) Served: 2016-17 16,674 0 16,674 2016-17	2017-18 17,174 0 17,174 2017-18	Syster Syster 2018-19 17,690 0 17,690 2018-19	PROJE(nwide 2019-20 18,220 0 18,220 2019-20	FUTURE 162,500 0 162,500 FUTURE	TOTAI 324,04' 3,184 327,234 TOTAI
NASTEWATER SYSTEM MAINTEN DESCRIPTION: Maintain and de LOCATION: Systemwide Various Sites REVENUE SCHEDULE: Wastewater Renewal Fund WASD Revenue Bonds Sold TOTAL REVENUES:	VANCE AND UF evelop existing wa 66,600 3,188 69,788	PGRADES astewater syst 2014-15 9,000 0 9,000	em facilities, s Distri 2015-16 16,189 0 16,189	tructures, and ct Located: ct(s) Served: 2016-17 16,674 0 16,674	2017-18 17,174 0 17,174	Syster Syster 2018-19 17,690 0 17,690	PROJE(nwide 2019-20 18,220 0 18,220	FUTURE 162,500 0 162,500	TOTA 324,04 3,18 327,23

LIFT STATION UPGRADES AND STRUCTURAL MAINTENANCE IMPROVEMENTS PROJECT #: 9650371 DESCRIPTION: Repair, replace, and upgrade existing lift stations throughout the wastewater system LOCATION: Systemwide District Located: Systemwide Various Sites District(s) Served: Systemwide **REVENUE SCHEDULE:** PRIOR 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 FUTURE TOTAL Wastewater Renewal Fund 24,463 3,240 2,000 2,000 2,000 2,000 2,000 37,703 0 Future WASD Revenue Bonds 0 0 3,000 5,500 5,050 3,000 5,000 4,000 25,550 WASD Revenue Bonds Sold 6,284 0 0 0 0 0 0 0 6,284 69,537 TOTAL REVENUES: 30,747 3,240 5,000 7,500 7,050 5,000 7,000 4,000 **EXPENDITURE SCHEDULE:** PRIOR 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 FUTURE TOTAL Planning and Design 2,254 535 720 675 634 450 630 6,258 360 Construction 22,789 5,409 7,280 6,825 6,416 4,550 6,370 3,640 63,279 69,537 TOTAL EXPENDITURES: 25,043 5,944 8,000 7,500 7,050 5,000 7,000 4,000

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

WATER MAIN EXTE	NSIONS							PROJE	CT #: 96510	51
DESCRIPTION:	Construct water n	nain extensions	funded from	•		d, including sp	-			
LOCATION:	Systemwide Various Sites				ct Located: ct(s) Served:		Systen Systen			
	Various Siles			DISIN	ci(s) Served.		System	iwide		
REVENUE SCHEDULE		PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Water Special Constru	iction Fund	6,610	1,000	1,000	1,000	1,000	2,000	2,000	0	14,610
IOTAL REVENUES: EXPENDITURE SCHEI		6,610 PRIOR	1,000 2014-15	1,000 2015-16	1,000 2016-17	1,000 2017-18	2,000	2,000	0 FUTURE	14,610 TOTAL
Construction	DULE.	6,610	1,000	1,000	1,000	1,000	2018-19 2,000	2019-20 2,000		14,610
TOTAL EXPENDITURE	=\$:	6,610	1,000	1,000	1,000	1,000	2,000	2,000	0	14,610
SOUTH DISTRICT W MPROVEMENTS DESCRIPTION: LOCATION:	/ASTEWATER TI Construct piping i Wastewater Syste Various Sites	mprovements t	o pump statio	n number 536 Distri		in upgrade in s	SW 117 Ave Systen Systen		CT #: 96510	961
					. ,					
REVENUE SCHEDULE		PRIOR 0	2014-15 0	2015-16 1,679	2016-17 4,687	2017-18 16,249	2018-19 63,130	2019-20 85,378	FUTURE 119,512	TOTAL 290,635
WASD Revenue Bond		1,970	0	1,079	4,007	0	03,130	05,570	0	1,970
TOTAL REVENUES:	-	1,970	0	1,679	4,687	16,249	63,130	85,378	119,512	292,605
EXPENDITURE SCHEI	DULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design		26	52	67	187	650	2,525	3,415	4,781	11,703
Construction		434	866	1,108	3,094	10,724	41,666	56,349	78,878	193,119
Equipment Acquisition	=	198 658	394 1,312	504 1,679	1,406 4,687	4,875 16,249	18,939 63,130	25,614 85,378	35,853 119,512	87,783 292,605
PUMP STATION IMP DESCRIPTION: LOCATION:	PROVEMENTS PI Upgrade pump st Systemwide Various Sites		vide to meet fo	Distri	ands ct Located: ct(s) Served:		Systen Systen		CT #: 96510	071
REVENUE SCHEDULE Wastewater Connection		PRIOR 3,419	2014-15 0	2015-16 0	2016-17 0	2017-18 0	2018-19 0	2019-20 0	FUTURE 0	TOTAL 3,419
Future WASD Revenue	•	3,419 0	0	65,000	60,600	35,000	0	0	0	160,600
WASD Revenue Bond		32,190	0	0	0	0	0	0	0	32,190
TOTAL REVENUES:	=	35,609	0	65,000	60,600	35,000	0	0	0	196,209
	DULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
EXPENDITURE SCHEI		3,297	2,400	10,400	9,696	5,600	0	0	0	31,393
EXPENDITURE SCHEI			10 0							
		17,312 20,609	12,600 15,000	54,600 65,000	50,904 60,600	29,400 35,000	0	0	0	164,816 196,20 9

PUMP STATION GENERA DESCRIPTION: Instal	Il emergency generators a	nd construct mi	scellaneous u	naradas at wa	istewater num	n stations	PROJEC		02
	emwide			ct Located:	istewater puil	Systen	nwide		
,	ous Sites		Distri	ct(s) Served:		System			
REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Future WASD Revenue Bond		0	4,210	9,828	10,166	8,035	950	0	33,18
WASD Revenue Bonds Sold	5,378	0	0	0	0	0	0	0	5,378
TOTAL REVENUES:	5,378	0	4,210	9,828	10,166	8,035	950	0	38,56
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTA
Planning and Design	129	193	252	590	610	482	57	0	2,31
	2,034	3,022	3,958	9,238	9,556	7,553	893	0	36,254
TOTAL EXPENDITURES:	2,163	3,215	4,210	9,828	10,166	8,035	950	0	38,567
VASTEWATER TREATME DESCRIPTION: Cons	ENT PLANT AUTOMAT	-		ne at wastowa	tor troatmont	plants	PROJE	CT #: 96520	03
	emwide	fuibilieur io an		ct Located:		Systen	nwide		
,	ous Sites			ct(s) Served:		Systen			
REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTA
WASD Revenue Bonds Sold	2,000	0	0	0	0	0	0	0	2,00
TOTAL REVENUES:	2,000	0	0	0	0	0	0	0	2,00
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAI
Planning and Design	35	105	0	0	0	0	0	0	14
Construction Equipment Acquisition	165 300	495 900	0 0	0 0	0 0	0 0	0 0	0 0	66 1,20
TOTAL EXPENDITURES:	500	1,500	0	0	0	0	0	0	2,00
									,
-				uiromonto			PROJE	CT #: 96520	61
DESCRIPTION: Upgr	ENT PLANTS MISCELL ade wastewater treatment tewater Treatment Plants		regulatory req	uirements ct Located:		Svsten		CT #: 96520	61
DESCRIPTION: Upgra LOCATION: Wast	ade wastewater treatment		regulatory req Distri			Systen Systen	nwide	CT #: 96520	61
DESCRIPTION: Upgr LOCATION: Wast Vario	ade wastewater treatment rewater Treatment Plants ous Sites	plants to meet	regulatory req Distri Distri	ct Located: ct(s) Served:		System	nwide nwide		
DESCRIPTION: Upgra LOCATION: Wast Vario	ade wastewater treatment rewater Treatment Plants ous Sites PRIOR	plants to meet 2014-15	regulatory req Distri Distri 2015-16	ct Located: ct(s) Served: 2016-17	2017-18	Systen 2018-19	nwide nwide 2019-20	FUTURE	TOTA
DESCRIPTION: Upgr. LOCATION: Wast Vario REVENUE SCHEDULE: Future WASD Revenue Bond	ade wastewater treatment tewater Treatment Plants bus Sites PRIOR Is 0	plants to meet 2014-15 0	regulatory req Distri Distri 2015-16 3,137	ct Located: ct(s) Served: 2016-17 3,209	0	Systen 2018-19 0	nwide nwide 2019-20 0	FUTURE 0	TOTA 6,34
DESCRIPTION: Upgri LOCATION: Wast Vario REVENUE SCHEDULE: Future WASD Revenue Bond WASD Revenue Bonds Sold	ade wastewater treatment rewater Treatment Plants ous Sites PRIOR	plants to meet 2014-15	regulatory req Distri Distri 2015-16	ct Located: ct(s) Served: 2016-17		Systen 2018-19	nwide nwide 2019-20	FUTURE	TOTA 6,34 2,90
DESCRIPTION: Upgra LOCATION: Wast Vario REVENUE SCHEDULE: Future WASD Revenue Bond WASD Revenue Bonds Sold WASD Future Funding	ade wastewater treatment tewater Treatment Plants bus Sites PRIOR Is 0 2,904	2014-15 0 0	regulatory req Distri Distri 2015-16 3,137 0	ct Located: ct(s) Served: 2016-17 3,209 0	0 0	Systen 2018-19 0 0	nwide nwide 2019-20 0 0	FUTURE 0 0	TOTA 6,34 2,90 7,50
DESCRIPTION: Upgr. LOCATION: Wast Vario REVENUE SCHEDULE: Future WASD Revenue Bond WASD Revenue Bonds Sold WASD Future Funding TOTAL REVENUES:	ade wastewater treatment tewater Treatment Plants bus Sites PRIOR 1s 0 2,904 0 2,904	2014-15 0 0 0 0	regulatory req Distri Distri 2015-16 3,137 0 0 3,137	ct Located: ct(s) Served: 2016-17 3,209 0 0 3,209	0 0 0 0	Systen 2018-19 0 0 0	nwide 2019-20 0 0 0	FUTURE 0 0 7,500 7,500	TOTA 6,34 2,90 7,50 16,75
DESCRIPTION: Upgr. LOCATION: Wast Vario REVENUE SCHEDULE: Future WASD Revenue Bond WASD Revenue Bonds Sold WASD Future Funding TOTAL REVENUES:	ade wastewater treatment tewater Treatment Plants bus Sites PRIOR 1s 0 2,904 0 2,904	2014-15 0 0 0	regulatory req Distri Distri 2015-16 3,137 0 0	ct Located: ct(s) Served: 2016-17 3,209 0 0	0 0 0	Systen 2018-19 0 0 0	nwide 2019-20 0 0 0	FUTURE 0 0 7,500	TOTA 6,34 2,90 7,50 16,75 TOTA
DESCRIPTION: Upgr. LOCATION: Wast Vario REVENUE SCHEDULE: Future WASD Revenue Bond WASD Revenue Bonds Sold WASD Future Funding TOTAL REVENUES: EXPENDITURE SCHEDULE:	ade wastewater treatment tewater Treatment Plants bus Sites PRIOR 0 2,904 0 2,904 PRIOR	2014-15 0 0 0 2014-15	regulatory req Distri Distri 2015-16 3,137 0 0 3,137 2015-16	ct Located: ct(s) Served: 2016-17 3,209 0 0 3,209 2016-17	0 0 0 0 2017-18	Systen 2018-19 0 0 0 2018-19	nwide 2019-20 0 0 0 2019-20	FUTURE 0 0 7,500 7,500 FUTURE	TOTAI 6,34 2,90 7,50 16,75 TOTAI 1,00
LOCATION: Wast Vario REVENUE SCHEDULE: Future WASD Revenue Bond WASD Revenue Bonds Sold WASD Future Funding TOTAL REVENUES: EXPENDITURE SCHEDULE: Planning and Design	ade wastewater treatment tewater Treatment Plants bus Sites PRIOR 0 2,904 0 2,904 PRIOR 42	2014-15 0 0 2014-15 132	regulatory req Distri Distri 2015-16 3,137 0 0 3,137 2015-16 188	ct Located: ct(s) Served: 2016-17 3,209 0 0 3,209 2016-17 193	0 0 0 0 2017-18 0	Systen 2018-19 0 0 0 2018-19 0	nwide 2019-20 0 0 0 2019-20 0	FUTURE 0 0 7,500 7,500 FUTURE 450	61 TOTAL 6,346 2,904 7,500 16,750 TOTAL 1,009 15,075 670

NORTH MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATIONS

IMPROVEMENTS

WASTEWATED TELEMETEDING SVOTEM

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 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 FUTURE TOTAL 224 11,838 Wastewater Connection Charges 11,614 0 0 0 0 0 0 Future WASD Revenue Bonds 0 0 609 1,963 8,496 6,375 25,151 187,584 230,178 0 WASD Revenue Bonds Sold 446 0 0 0 0 0 0 446 WASD Future Funding 0 0 0 0 0 0 0 30,960 30,960 TOTAL REVENUES: 12,060 224 609 1,963 8,496 6,375 25,151 273,422 218,544 **EXPENDITURE SCHEDULE:** PRIOR 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 FUTURE TOTAL Construction 284 942 1,948 5,757 14,421 6,375 25,151 218,544 273,422 1,948 TOTAL EXPENDITURES: 284 942 14,421 25,151 273,422 5,757 6,375 218,544

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

WASIEWAIER IEL	EMETERING SY	SIEM						PROJEC	JT#: 96	52481
DESCRIPTION:	Install a compute	er system to mor	nitor and contr	ol wastewater	flows and pre	essures at vari	ous pump sta	tions		
LOCATION:	Systemwide			Distri	ict Located:		Syster	nwide		
	Various Sites			Distri	ict(s) Served:		System	nwide		
REVENUE SCHEDULE	:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Renewal I	Fund	6,153	0	0	0	0	0	0	0	6,153
Future WASD Revenu	e Bonds	0	0	700	579	0	0	0	0	1,279
WASD Revenue Bond	s Sold	1,375	0	0	0	0	0	0	0	1,375
TOTAL REVENUES:	-	7,528	0	700	579	0	0	0	0	8,807
EXPENDITURE SCHEI	DULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design		2,936	301	301	249	0	0	0	0	3,787
Construction		3,892	399	399	330	0	0	0	0	5,020
TOTAL EXPENDITURE	S:	6,828	700	700	579	0	0	0	0	8,807

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

PROJECT #: 9652101

0652404

SOUTH MIAMI HEIGHTS WATER TREATMENT PLANT AND WELLFIELD

DESCRIPTION: Construct water treatment plant, wellfields, and various water transmission mains in south Miami-Dade County I OCATION. 11800 SW 208 St District Located 9

LUCATION. T1000 SW 20 Unincorporate	ed Miami-Dade Cou	unty		ict(s) Served:		9 Systen	nwide		
REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Water Connection Charges	26,819	4,000	4,000	4,000	4,000	4,000	0	0	46,819
Water Construction Fund	1,994	0	0	0	0	0	0	0	1,994
Future WASD Revenue Bonds	0	0	17,311	19,361	2,993	8,220	0	0	47,885
WASD Revenue Bonds Sold	8,836	0	0	0	0	0	0	0	8,836
WASD Future Funding	0	0	0	0	0	0	0	63,600	63,600
TOTAL REVENUES:	37,649	4,000	21,311	23,361	6,993	12,220	0	63,600	169,134
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	736	294	1,827	2,188	344	943	0	3,816	10,148
Construction	11,529	4,606	28,612	34,289	5,383	14,783	0	59,784	158,986
TOTAL EXPENDITURES:	12,265	4,900	30,439	36,477	5,727	15,726	0	63,600	169,134

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

WASTEWATER GENERAL MAINTENANCE AND OFFICE FACILITIES

Systemwide

Various Sites

LOCATION:

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

District Located:

District(s) Served:

REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	15,226	15,775	17,440	8,500	4,022	2,000	62,963
WASD Revenue Bonds Sold	6,474	0	0	0	0	0	0	0	6,474
WASD Future Funding	0	0	0	0	0	0	0	74,500	74,500
TOTAL REVENUES:	6,474	0	15,226	15,775	17,440	8,500	4,022	76,500	143,937
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
EXPENDITURE SCHEDULE: Land/Building Acquisition	PRIOR 97	2014-15 226	2015-16 761	2016-17 789	2017-18 872	2018-19 425	2019-20 201	FUTURE 3,825	TOTAL 7,196
Land/Building Acquisition	97	226	761	789	872	425	201	3,825	7,196

Estimated Annual Operating Impact will begin in FY 2015-16 in the amount of \$325,000

PROJECT #: 9652821

9653201

Systemwide

Systemwide



DESCRIPTION: Renov			PROJECT #: 9653261									
LOCATION: System	mwide us Sites								emwide emwide			
REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL			
Wastewater Renewal Fund	58,994	9,197	7,000	7,000	7,000	7,000	7,000	0	103,19 [,]			
Future WASD Revenue Bonds		0	608	608	608	3,527	0	0	5,35			
WASD Revenue Bonds Sold WASD Future Funding	771 0	0 0	0 0	0 0	0 0	0 0	0 0	0 5,165	77 5,16			
OTAL REVENUES:	59,765	9,197	7,608	7,608	7,608	10,527	7,000	5,165	114,47			
	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTA			
Planning and Design	9,074	1,959	1,217	1,217	1,217	1,684	1,120	826	18,31			
Construction	47,643	10,286	6,391	6,391	6,391	8,843	5,880	4,339	96,16			
TOTAL EXPENDITURES:	56,717	12,245	7,608	7,608	7,608	10,527	7,000	5,165	114,47			
LOCATION: System	M EXTENSION d sewer system lines to ind mwide us Sites	clude the exist	Distri	ewer needs as ct Located: ct(s) Served:	sessment	Systen Systen		CT #: 9653.	281			
REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	ΤΟΤΑ			
Wastewater Renewal Fund	57,995	460	0	0	0	0	0	0	58,45			
Future WASD Revenue Bonds		0	2,113	2,113	2,113	4,113	2,038	390,000	402,49			
WASD Revenue Bonds Sold	10,515	0	0	0	0	0	0	0	10,51			
OTAL REVENUES:	68,510	460	2,113	2,113	2,113	4,113	2,038	390,000	471,46			
XPENDITURE SCHEDULE: Planning and Design	PRIOR 7,247	2014-15 339	2015-16 232	2016-17 232	2017-18 232	2018-19 452	2019-20 224	FUTURE 42,900	TOTA 51,85			
Construction	58,643	2,741	1,881	1,881	1,881	3,661	1,814	347,100	419,60			
OTAL EXPENDITURES:	65,890	3,080	2,113	2,113	2,113	4,113	2,038	390,000	471,46			
LOCATION: System	STEM EXTENSION EN various water mains throu mwide us Sites		ribution systen Distri	n ct Located: ct(s) Served:		Systen Systen		CT #: 9653	311			
DESCRIPTION: Install LOCATION: System Variou	various water mains throu mwide		ribution systen Distri	ct Located:	2017-18	Systen 2018-19	nwide	CT #: 9653 FUTURE				
DESCRIPTION: Install LOCATION: System Variou EVENUE SCHEDULE: Nater Renewal and Replacem	various water mains throu mwide us Sites PRIOR nent Fund 98,898	ghout the dist 2014-15 1,658	ribution system Distri Distri 2015-16 2,000	ct Located: ct(s) Served: 2016-17 2,000	2,000	Systen 2018-19 2,000	nwide nwide 2019-20 2,000	FUTURE 1,475,000	TOTA 1,585,55			
DESCRIPTION: Install LOCATION: System Variou EVENUE SCHEDULE: Nater Renewal and Replacerr Future WASD Revenue Bonds	various water mains throu mwide us Sites PRIOR nent Fund 98,898 s 0	ghout the dist 2014-15 1,658 0	ribution system Distri Distri 2015-16 2,000 50,872	ct Located: ct(s) Served: 2016-17 2,000 60,555	2,000 88,997	Systen 2018-19 2,000 62,003	nwide nwide 2019-20 2,000 54,772	FUTURE 1,475,000 52,499	TOTA 1,585,55 369,65			
DESCRIPTION: Install LOCATION: System Variou EVENUE SCHEDULE: Water Renewal and Replacem Future WASD Revenue Bonds VASD Revenue Bonds Sold	various water mains throu mwide us Sites hent Fund s 0 44,559	ghout the dist 2014-15 1,658 0 0	ribution system Distri 2015-16 2,000 50,872 0	ct Located: ct(s) Served: 2016-17 2,000 60,555 0	2,000 88,997 0	Systen 2018-19 2,000 62,003 0	nwide 2019-20 2,000 54,772 0	FUTURE 1,475,000 52,499 0	TOT 1,585,55 369,69 44,55			
DESCRIPTION: Install LOCATION: System Variou EVENUE SCHEDULE: Water Renewal and Replacem Future WASD Revenue Bonds WASD Revenue Bonds Sold OTAL REVENUES:	various water mains throu mwide us Sites hent Fund s 98,898 s 0 44,559 143,457	2014-15 1,658 0 1,658	ribution system Distri 2015-16 2,000 50,872 0 52,872	ct Located: ct(s) Served: 2016-17 2,000 60,555 0 62,555	2,000 88,997 0 90,997	System 2018-19 2,000 62,003 0 64,003	wide 2019-20 2,000 54,772 0 56,772	FUTURE 1,475,000 52,499 0 1,527,499	TOTA 1,585,55 369,69 44,55 1,999,8 1			
DESCRIPTION: Install LOCATION: System	various water mains throu mwide us Sites hent Fund s 0 44,559	ghout the dist 2014-15 1,658 0 0	ribution system Distri 2015-16 2,000 50,872 0	ct Located: ct(s) Served: 2016-17 2,000 60,555 0	2,000 88,997 0	Systen 2018-19 2,000 62,003 0	nwide 2019-20 2,000 54,772 0	FUTURE 1,475,000 52,499 0	TOT 1,585,55 369,69 44,55			

62,555

90,997

64,003

56,772 1,527,499

54,872

TOTAL EXPENDITURES:

116,157

26,958

1,999,813

PROJECT #: 9653371

DESCRIPTION:	Evaluate and cons	-	es for peak flo	ow manageme	ent facilities ar	FROJE	61#. 9033			
LOCATION:	Systemwide			•	ict Located:		Syster	nwide		
	Various Sites			Distri	ict(s) Served:		Syster	nwide		
REVENUE SCHEDULE	≣:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Connection	on Charges	39,218	0	0	0	0	0	0	0	39,218
Future WASD Revenu	Future WASD Revenue Bonds		0	22,383	66,405	33,998	42,852	56,614	283,106	505,358
WASD Revenue Bond	ls Sold	5,804	0	0	0	0	0	0	0	5,804
TOTAL REVENUES:	-	45,022	0	22,383	66,405	33,998	42,852	56,614	283,106	550,380
EXPENDITURE SCHEDULE: PRIOF		PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design		2,745	1,713	2,283	6,641	3,400	4,285	5,662	28,310	55,039
Construction		24,697	15,418	20,549	59,764	30,598	38,567	50,952	254,796	495,341
TOTAL EXPENDITURI	ES:	27,442	17,131	22,832	66,405	33,998	42,852	56,614	283,106	550,380
CORROSION CONT DESCRIPTION:	Construct corrosio	n control facili		mains; renova	ate structures	at wastewater	treatment pla	PROJE(381
LOCATION:	restore sewer main Systemwide	ns		Dietr	ict Located:		Syster	nwide		
LUCATION.	Various Sites				ict(s) Served:		Syster			
REVENUE SCHEDULE	≣:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL

REVENUE SCHEDULE:	PRIOR	2014-15	2010-10	2010-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Renewal Fund	115	0	0	0	0	0	0	0	115
Future WASD Revenue Bonds	0	0	1,500	3,000	1,700	500	0	0	6,700
WASD Revenue Bonds Sold	800	0	0	0	0	0	0	0	800
TOTAL REVENUES:	915	0	1,500	3,000	1,700	500	0	0	7,615
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
EXPENDITURE SCHEDULE: Planning and Design	PRIOR 4	2014-15 5	2015-16 15	2016-17 30	2017-18 17	2018-19 5	2019-20 0	FUTURE 0	TOTAL 76
	4					2018-19 5 495	2019-20 0 0	FUTURE 0 0	

SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

PROJECT #: 9653401

5

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

 LOCATION:
 8950 SW 232 St
 District Located:
 8

Uni	ncorporated Miami-Dade Co	District(s) Served:			Systemwide				
REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Future WASD Revenue Bor	nds O	0	3,706	6,848	6,795	13,519	117,884	59,541	208,293
WASD Revenue Bonds Sol	d 25,661	0	0	0	0	0	0	0	25,661
WASD Future Funding	0	0	0	0	0	0	0	182,500	182,500
TOTAL REVENUES:	25,661	0	3,706	6,848	6,795	13,519	117,884	242,041	416,454
EXPENDITURE SCHEDULE	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	17,074	3,198	2,928	5,410	5,368	10,680	93,128	191,212	328,998
Construction	4,539	850	778	1,438	1,427	2,839	24,756	50,829	87,456
TOTAL EXPENDITURES:	21,613	4,048	3,706	6,848	6,795	13,519	117,884	242,041	416,454

NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

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

PROJECT #:

PROJECT #: 9653421

9653411

5

LOCATION: 2575 NE 151 St	t		Distri	ict Located:		4			
North Miami		District(s) Served:				System	nwide		
REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	500	2,597	9,752	18,631	8,092	154,155	193,727
TOTAL REVENUES:	0	0	500	2,597	9,752	18,631	8,092	154,155	193,727
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	0	0	40	208	780	1,490	647	12,332	15,497
Construction	0	0	450	2,337	8,777	16,768	7,283	138,739	174,354
Equipment Acquisition	0	0	10	52	195	373	162	3,084	3,876
TOTAL EXPENDITURES:	0	0	500	2,597	9,752	18,631	8,092	154,155	193,727

CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

TOTAL EXPENDITURES:

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

LOCATION: Virginia Key City of Miami	5 ,					7 Systen	nwide		
REVENUE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Wastewater Renewal Fund	2,689	0	0	0	0	0	0	0	2,689
Future WASD Revenue Bonds	0	0	34,798	37,154	40,330	24,135	9,706	184,993	331,116
WASD Revenue Bonds Sold	15,688	0	0	0	0	0	0	0	15,688
WASD Future Funding	0	0	0	0	0	0	0	113,500	113,500
TOTAL REVENUES:	18,377	0	34,798	37,154	40,330	24,135	9,706	298,493	462,993
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	742	911	3,132	3,344	3,630	2,172	874	26,864	41,669
Construction	7,510	9,214	31,666	33,810	36,700	21,963	8,832	271,629	421,324
TOTAL EXPENDITURES:	8,252	10,125	34,798	37,154	40,330	24,135	9,706	298,493	462,993

Estimated Annual Operating Impact will begin in FY 2015-16 in the amount of \$200,000

28,156

2,000

	tall fire hydrants and cons						PROJE	CT #: 96534	461 🔊
,	stemwide rious Sites			rict Located: rict(s) Served:		Syster Syster			
REVENUE SCHEDULE: Fire Hydrant Fund	PRIO 29,52		2015-16 2,500	2016-17 2,500	2017-18 2,500	2018-19 2,500	2019-20 3,000	FUTURE 6,130	TOTAL 50,656
TOTAL REVENUES:	29,52	6 2,000	2,500	2,500	2,500	2,500	3,000	6,130	50,656
EXPENDITURE SCHEDULE	E: PRIO	R 2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design	2,81	6 200	250	250	250	250	300	750	5,066
Construction	25,34	0 1,800	2,250	2,250	2,250	2,250	2,700	6,750	45,590

2,500

2,500

2,500

2,500

3,000

7,500

50,656

PROJECT #: 9654031

5

NORTH MIAMI-DADE WATER TRANSMISSION MAIN IMPROVEMENTS

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

	orth Miami-Dade Co iami Gardens	ounty Area	y Area District Located: Systemwide District(s) Served: Systemwide							
REVENUE SCHEDULE: Future WASD Revenue Bo	onds	PRIOR 0	2014-15 0	2015-16 416	2016-17 3,630	2017-18 9,601	2018-19 1,994	2019-20 68	FUTURE 0	TOTAL 15,709
TOTAL REVENUES:		0	0	416	3,630	9,601	1,994	68	0	15,709
EXPENDITURE SCHEDUL	E:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design		0	0	50	435	1,152	239	8	0	1,884
Construction		0	0	366	3,195	8,449	1,755	60	0	13,825
TOTAL EXPENDITURES:		0	0	416	3,630	9,601	1,994	68	0	15,709

CENTRAL MIAMI-DA	ADE WATER TR	RANSMISSION	MAINS IMP	PROVEMENTS					CT #: 9654041	5
DESCRIPTION:	Replace various	s low pressure wa	ter mains; ins	tall a 20-inch	water main at	railroad cross	ings via micro	tunneling met	thod	
LOCATION:	Central Miami-D	ade County Area	1	District Located:			Systen			
	City of Miami			Distri	ct(s) Served:		Systen	nwide		
REVENUE SCHEDULE	:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Future WASD Revenu	e Bonds	0	0	0	2,343	3,610	13,230	33,279	906	53,368
TOTAL REVENUES:		0	0	0	2,343	3,610	13,230	33,279	906	53,368
EXPENDITURE SCHEI	DULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
Planning and Design		0	0	0	187	289	1,058	2,662	72	4,268
Construction		0	0	0	2,156	3,321	12,172	30,617	834	49,100
TOTAL EXPENDITURE	ES:	0	0	0	2,343	3,610	13,230	33,279	906	53,368

SAFE DRINKING WA						/Disinfection F	PROJECT #: 9654061 Disinfection By Product (D-DBP) Regulations				
LOCATION:	Systemwide Various Sites	Distri	District Located: District(s) Served:			Systemwide Systemwide					
REVENUE SCHEDULE	E:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL	
Rock Mining Mitigation		14,501	0	0	0	0	0	0	0	14,501	
Future WASD Revenu	A Ronde	0	0	12 200	33 300	104 762	105 211	135 680	0	571 153	

TOTAL EXPENDITURES:	13,501	1,300	12,200	33,300	194,762	195,211	135,680	0	585,954
Construction	13,231	1,274	11,956	32,634	190,867	191,307	132,967	0	574,236
Planning and Design	270	26	244	666	3,895	3,904	2,713	0	11,718
EXPENDITURE SCHEDULE:	PRIOR	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	FUTURE	TOTAL
TOTAL REVENUES:	14,801	0	12,200	33,300	194,762	195,211	135,680	0	585,954
WASD Revenue Bonds Sold	300	0	0	0	0	0	0	0	300
	0	0	12,200	55,500	134,702	135,211	155,000	0	571,155

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

SOUTH DISTRICT WASTEWATER TREATMENT PLANT EXPANSION - PHASE III PROJECT #: 9655481 DESCRIPTION: Expand the South District Wastewater Plant and injection wells and install emergency generators LOCATION: 8950 SW 232 St District Located: 8 Unincorporated Miami-Dade County District(s) Served: Systemwide **REVENUE SCHEDULE:** PRIOR 2015-16 2018-19 FUTURE TOTAL 2014-15 2016-17 2017-18 2019-20 Wastewater Renewal Fund 1,271 0 0 0 0 0 0 1.271 0 Future WASD Revenue Bonds 0 0 1.671 4.588 10.560 31.104 76.838 43.643 168.404 TOTAL REVENUES: 169,675 1,271 0 1,671 4,588 10,560 31,104 76,838 43,643 **EXPENDITURE SCHEDULE:** PRIOR 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 FUTURE TOTAL Planning and Design 153 0 201 550 1,267 3,732 9,221 5,237 20,361 Construction 1,118 0 1,470 4.038 9,293 27,372 67,617 38,406 149,314 TOTAL EXPENDITURES: 1,271 0 1,671 4.588 10.560 31.104 76,838 43,643 169.675 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 2014-15 2015-16 2017-18 2018-19 2019-20 FUTURE TOTAL 2016-17 Water Renewal and Replacement Fund 4,150 700 2.000 2.000 2.000 2.000 2.000 0 14.850 Future WASD Revenue Bonds 0 0 433 433 433 0 0 0 1.299 WASD Revenue Bonds Sold 1.148 0 0 0 0 0 0 0 1.148 TOTAL REVENUES: 2,433 2,433 2,433 17,297 5,298 700 2,000 2,000 0 EXPENDITURE SCHEDULE: PRIOR 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 FUTURE TOTAL 4.865 2,433 2.433 2,000 2,000 17,297 Construction 1,133 2 4 3 3 0 TOTAL EXPENDITURES: 4,865 1,133 2,433 2.433 2.433 2.000 2.000 0 17.297 SOUTH DISTRICT WASTEWATER TREATMENT PLANT - HIGH LEVEL DISINFECTION PROJECT #: 96510240 DESCRIPTION: Construct treatment facilities for high level disinfection to meet regulatory requirements at the South District Wastewater Treatment Plant LOCATION: 8950 SW 232 St District Located: 8 Unincorporated Miami-Dade County District(s) Served: Systemwide 2016-17 **REVENUE SCHEDULE:** PRIOR 2015-16 2017-18 2018-19 2019-20 FUTURE TOTAL 2014-15 HLD Special Construction Fund 34,861 0 0 0 0 0 0 0 34,861 2,110 Wastewater Renewal Fund 2,110 0 0 0 0 0 0 0 WASD Revenue Bonds Sold 6,287 0 0 0 0 0 0 0 6,287 TOTAL REVENUES: 0 43,258 43,258 0 0 0 0 0 0 **EXPENDITURE SCHEDULE:** PRIOR 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20 FUTURE TOTAL

FY 2014 - 15 Proposed Budget and Multi-Year Capital Plan

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865

42,393

43,258

845

41,405

42,250

20

988

1,008

Planning and Design

TOTAL EXPENDITURES:

Construction