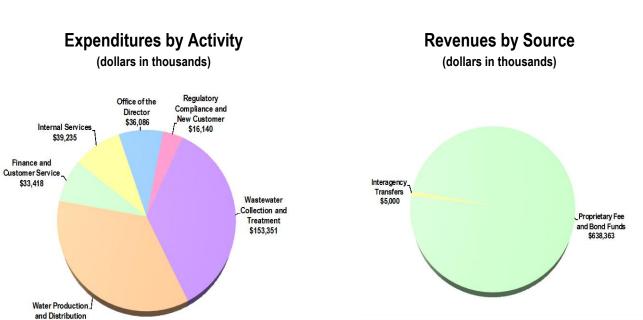
Water and Sewer

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

As part of the Neighborhood and Infrastructure strategic area, the Department's main functions are water production and distribution, as well as wastewater collection, treatment, reuse, and disposal. WASD operates three regional and five smaller water treatment plants, with a total rated capacity of 454 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; 1,042 sewer pump stations (1,023 County-owned and 19 maintained for other entities); 7,918 miles of water distribution mains; and 6,277 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.

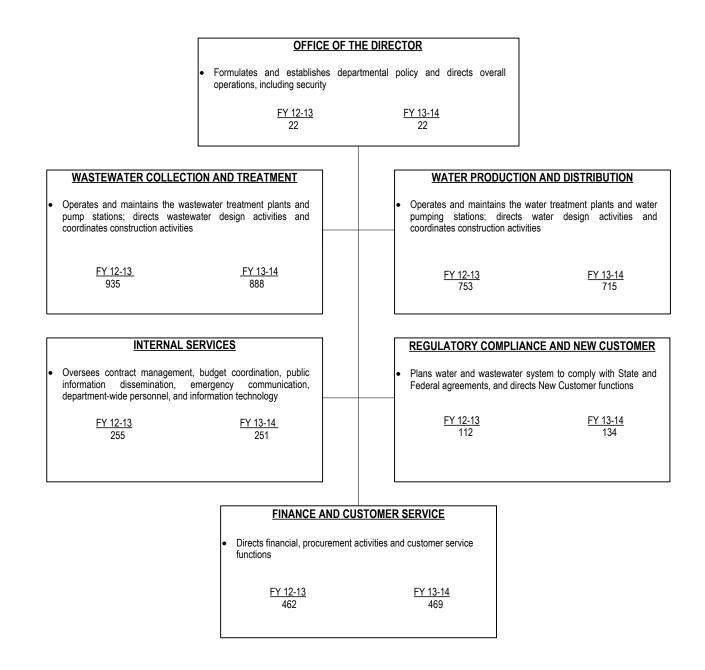
The Department delivers water and sewer services to most residents and businesses within Miami-Dade County, serving approximately 425,000 water and 343,000 wastewater retail customers as of September 30, 2013. Additionally, wholesale water service is provided to 15 municipalities and wholesale sewer 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).



\$150.676

FY 2013-14 Adopted Budget

TABLE OF ORGANIZATION



.

FINANCIAL SUMMARY

	Actual	Actual	Budget	Adopted
(dollars in thousands)	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Revenue Summary				
Maintenance Fees	251	251	255	257
Miscellaneous Non-Operating	4,390	8,136	2,260	3,060
Miscellaneous Revenues	7,308	6,319	6,353	6,354
Septic Tanks and High Strength Sewage	2,568	2,407	2,365	2,378
Transfer From Other Funds	5,500	0	10,038	7,963
Wastewater Revenue	279,323	273,749	271,335	294,731
Water Revenue	240,180	237,963	234,842	249,597
Carryover	63,226	60,652	55,664	57,383
Delinquency, Billing, and Service Charges	11,362	10,908	11,782	11,767
Fire Protection and Fire Hydrant Fees	4,668	4,705	4,846	4,873
Loan Repayments	0	0	0	5,000
Total Revenues	618,776	605,090	599,740	643,363
Operating Expenditures				
Summary				
Salary	136,427	138,669	134,386	137,050
Fringe Benefits	41,250	37,376	32,100	43,240
Court Costs	0	0	0	0
Contractual Services	69,150	63,981	74,494	70,637
Other Operating	52,763	53,774	61,888	64,751
Charges for County Services	33,221	31,277	41,429	40,900
Grants to Outside Organizations	0	0	0	0
Capital	66,685	54,772	47,712	72,328
Total Operating Expenditures	399,496	379,849	392,009	428,906
Non-Operating Expenditures				
Summary				
Transfers	32,220	0	0	0
Distribution of Funds In Trust	0	0	0	0
Debt Service	126,408	149,331	150,348	155,027
Depreciation, Amortizations and Depletion	0	0	0	0
Reserve	0	20,246	57,383	59,430
Total Non-Operating Expenditures	158,628	169,577	207,731	214,457

	Total F	unding	Total Pos	sitions
(dollars in thousands)	Budget	Adopted	Budget	Adopted
Expenditure By Program	FY 12-13	FY 13-14	FY 12-13	FY 13-14
Strategic Area: Neighborhood ar	nd Infrastruc	ture		
Office of the Director	39,221	36,086	22	22
Wastewater Collection and	128,071	153,351	935	897
Treatment				
Water Production and	140,215	150,676	753	725
Distribution				
Internal Services	35,657	39,235	255	253
Finance and Customer Service	30,334	33,418	462	468
Regulatory Compliance and	18,511	16,140	112	114
New Customer				
Total Operating Expenditures	392,009	428,906	2,539	2,479

SELECTED ITEM HIGHLIGHTS AND DETAILS

		(dollars in thousands)									
el ertime nt curity Services	Actual FY 10-11	Actual FY 11-12	Budget FY 12-13	Actual FY 12-13	Budget FY 13-14						
			-								
Advertising	715	721	770	722	802						
Fuel	3,598	3,547	3,634	3,896	3,602						
Overtime	9,146	9,273	8,403	9,307	8,463						
Rent	538	351	709	400	470						
Security Services	13,889	11,383	13,729	11,797	11,722						
Temporary Services	961	451	895	763	253						
Travel and Registration	63	113	217	179	289						

DIVISION: OFFICE OF THE DIRECTOR

The Office of the Director formulates and establishes departmental policy and directs overall operations, including security and legal issues.

- Defines and monitors Department-wide operating goals and procedures
- Defines and monitors engineering, construction, and quality assurance goals, and directs planning and regulatory functions
- Provides legal support
- Directs department-wide security services

DIVISION COMMENTS

- The FY 2013-14 Adopted Budget includes funding for the Regulatory and Economic Resources Department (RER) to fund the Florida Yards and Neighborhoods Program (\$261,000)
- The FY 2013-14 Adopted Budget includes payments to the Audit and Management Services Department for expenses associated with audits and reviews (\$440,000)
- Retail water and wastewater rates increased by eight percent, effective October 1, 2013, as approved by the Board of County Commissioners (BCC) on June 4, 2013 (Resolution 444-13); the bill of the average retail water and sewer customer (6,750 gallons per month) will increase to approximately \$45.39 or by \$3.36 per month; future adjustments will be needed based on debt service obligations and operating requirements
- Effective October 1, 2013, Wholesale water rate per thousand gallons remain at \$1.7142 and the adopted sewer wholesale rate increased to \$2.4523 from \$2.1528; wholesale customers' bills include a true-up adjustment to recover actual cost for FY 2011-12
- The FY 2013-14 Adopted Budget includes a Memorandum of Understanding agreement with the Office of the Inspector General to perform specialized audits as required (\$100,000)
- In FY 2013-14, the Adopted Budget includes funding to the Miami-Dade Fire Rescue Department (MDFR) for fire hydrant maintenance (\$1 million)

DIVISION: WASTEWATER COLLECTION AND TREATMENT

The Wastewater Collection and Treatment Division operates and maintains the Wastewater System, including wastewater treatment plants, sewer pipes (laterals/force mains), Supervisory Control and Data Acquisition (SCADA) system and pump stations. Additionally, the Division directs Wastewater Priority Projects, including construction management and engineering.

- Directs wastewater operations including treatment and disposal, as well as maintenance of pumping and collection systems
- Directs installation, repairs, and maintenance of the sewer pipeline system
- Performs mechanical, electrical, and structural maintenance of treatment plants and lift stations
- Installs, repairs, relocates, maintains, and replaces all gravity sewer lines, force mains, valves, sewer laterals, and manholes countywide
- Administers the SCADA system, telemetry and radios
- Coordinates High Level Disinfection (HLD) and wastewater reuse projects
- Oversees wastewater system design standards and engineering support, including survey work.
- Oversees design and construction activities for Wastewater Collection and Treatment related projects

Strategic Objectives - Measures

NI2-1: Provide adequate potable water supply and wastewater disposal										
Objectives	Measures			FY 10-11	FY 11-12	FY 12-13	FY 12-13	FY 13-14		
Objedated				Actual	Actual	Budget	Actual	Target		
Reduce response time to sanitary sewer overflows	Average response time to sewage overflows (in minutes)	EF	↓	55	52	55	52	55		

NI2-1: Provide adequate potable water supply and wastewater disposal											
Objectives	Measures		FY 10-11	FY 11-12	FY 12-13	FY 12-13	FY 13-14				
Objectives	measures	incubalco		Actual	Actual	Budget	Actual	Target			
	Percentage compliance with wastewater effluent limits*	OC	ſ	100%	83%	100%	90%	100%			
nsure proper naintenance and peration of the sewage ystem	Percentage of pumps in service	EF	1	99%	98%	99%	98%	99%			
	Wastewater mainline valves exercised	OP	\leftrightarrow	6,018	6,229	6,000	6,022	6,000			
	Percent completion of wastewater pipeline relocation projects required for Miami Harbor Deepening Project	EF	ſ	50%	83%	100%	100%	100%			

*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; all projects are currently included in the capital plan that are required to meet compliance with wastewater effluent limits, but as projects advance, schedules for completion may need to be modified, with the approval of the EPA; increased debt and operating requirements will lead to future rate adjustments

- In FY 2013-14, a Utility Equipment Technician will be transferred from the Water Production and Distribution Division to assist with heavy equipment emergency repairs
- In FY 2013-14, 37 vacant positions were eliminated from Wastwater Collection and Treatment (five Maintenance Repairers, four Maintenance Mechanics, three Sewer Plant Electricians, two Plant Mechanics, two Structural Maintenance Workers, three Semi-Skilled Laborers, one Sign Technician, one Auto Equipment Operator 2, one Instrument Technician, one Treatment Plant Operator 1, five Treatment Plant Operator 2's, one Structural Maintenance Worker, one Public Works Supervisor 1, one Administrative Officer 3, one Lateral Repairer, one Engineer 1, two Cadastral Technicians, one Project Inspector 1, and one Plant Electrician)

DIVISION: WATER PRODUCTION AND DISTRIBUTION

The Water Production and Distribution Division operates and maintains water treatment plants, water transmission and distribution pipes, water pumping stations and metering. Additionally the Division directs Water Priority Projects, including construction management and engineering.

- Directs operation of the water system, including installation, repairs, and maintenance of the water infrastructure
- Installs, repairs, relocates, maintains, and replaces all water mains and valves, fire lines, and water meters countywide
- Performs mechanical, electrical, and structural maintenance of treatment plants
- Implements Cross Connection Control Program
- Provides laboratory analysis to comply with regulatory agencies requirements
- Coordinates Water Priority Projects
- Oversees water system design standards and engineering support, including survey work

Strategic Objectives - Measures

NI2-1: Provide ac	lequate potable water supply a	and wa	stewate	er disposal				
Objectives	Measures -		FY 10-11	FY 11-12	FY 12-13	FY 12-13	FY 13-14	
Objectives			Actual	Actual	Budget	Actual	Target	
Ensure compliance with	Estimated gallons of water							
20-year Water Use	saved per day (GPD)							
Permit with the South	through the Water Use	EF	↑	1,589	1,936	1,124	1,124	1,124
Florida Water	Efficiency Program (in							
Management District	thousands)							
Fully comply with	Percentage compliance							
Fully comply with drinking water standards	with drinking water	OC	↑	100%	100%	100%	100%	100%
	standards							

- In FY 2013-14, two positions will be transferred to other divisions; one Utility Equipment Technician will be assisting with heavy equipment emergency repairs in the Wastewater Collection and Treatment Division, and an Information Officer will be assisting with Community Outreach and Public Information in the Internal Services Division
- In FY 2013-14, 28 vacant positions were eliminated from Waster Production and Distribution (four Maintenance Repairers, one Maintenance Mechanic, three Auto Equipment Operator 1's, one Treatment Plant Operator 1, four Lime Production Plant Operator 1's, one Structural Maintenance Worker, one Maintenance Planner Scheduler, one Geographical Data Collection and Mapping Technician, four Semi-Skilled Laborers, one W&S Service Technician 2, two Pipefitters, one Water Meter Repairer, one Professional Engineer, one Document Control Specialist, and two Structural Maintenance Workers)

DIVISION: INTERNAL SERVICES

The Internal Services Division oversees legislative coordination; oversees contract management; manages budget coordination, public information dissemination, the emergency communications center, human resources; and oversees support services and Information Technology.

- Coordinates state and federal legislative actions and liaisons with municipalities
- Coordinates items submitted to the Board of County Commissioners (BCC)
- Interprets and maintains the Department's Rules and Regulations
- Manages the Department's operating and capital budgets and provides strategic planning
- Coordinates communications with media and customers
- Operates the 24-Hour Emergency Communication Center to resolve urgent infrastructure issues
- Directs human resources and general maintenance services
- Directs department-wide IT resources and support

Strategic Objectives - Mea	sures							
GG2-2: Develop	and retain excellent employee	s and l	eaders					
Objectives	Measures			FY 10-11	FY 11-12	FY 12-13	FY 12-13	FY 13-14
Objectives				Actual	Actual	Budget	Actual	Target
Workforce skills to support County priorities	Training hours per employee	OP	\Leftrightarrow	10	12	8	10	9
	Percentage non- emergency requests dispatched in less than three business days	OP	\leftrightarrow	97%	98%	95%	98%	98%

- In FY 2013-14, an Information Officer position will be transferred from the Water Production and Distribution Division to assist with Community Outreach and Public Information
- In FY 2013-14 two vacant positions were eliminated from Internal Services (two Communication Support Specialists)

DIVISION: FINANCE AND CUSTOMER SERVICE

The Finance and Customer Service Division directs financial operations, procurement and stores functions, and customer service functions

- Coordinates financial activities including debt administration, investments, grants and cash management
- Administers the general ledger and asset control functions
- Prepares accounts payable, retail and wholesale bills, and special billings and collection
- Manages business process support for the Customer Information System, Enterprise Resource Planning, and Enterprise Asset Management software systems
- Oversees contract administration
- Manages retail customer account services
- Oversees procurement and stores functions

Strategic Objectives - Measures

GG1-1: Provide easy access to information and services

Objectives	Measures		FY 10-11 Actual	FY 11-12 Actual	FY 12-13 Budget	FY 12-13 Actual	FY 13-14 Target	
Provide information to	Average call wait time (in minutes)*	EF	\downarrow	17	14	2	4	4
customers in a timely manner	Percentage calls answered within two minutes (monthly)*	EF	ſ	12%	16%	90%	80%	80%

*Due to administrative reductions in FY 2010-11, an increase in call wait times was experienced; in FY 2011-12, additional part-time positions were added to decrease call wait time and increase the percentage of calls answered within two minutes; in FY 2013-14, twelve part-time positions will be converted to full-time to meet scheduling demands

GG4-1: Provide sound financial and risk management

Objectives	Measures –		FY 10-11 Actual	FY 11-12 Actual	FY 12-13 Budget	FY 12-13 Actual	FY 13-14 Target	
Ensure sound asset management and financial investment strategies	Bond rating evaluation by Fitch	OC	1	AA-	AA-	AA-	AA-	AA-
	Bond rating evaluation by Standard and Poor's	OC	1	A+	A+	A+	A+	A+
	Bond rating evaluation by Moody's	OC	1	A1	A1	A1	A1	A1

- The FY 2013-14 Adopted Budget includes payments to the Finance Department for expenses associated with cash management services (\$50,000)
- The FY 2013-14 Adopted Budget includes 12 additional full-time Customer Service Representative positions that were converted from part-time to full-time positions in FY 2012-13 to help meet the demands of customers and improve call-wait time
- The FY 2012-13 year-end combined fund balance was \$57.7 million in the rate stabilization and general reserve funds and is projected to be a combined balance of \$49.737 million for FY 2013-14; the Department will have a year-end fund balance of \$59.43 million in the operating budget as reserve required for bond ordinances
- In FY 2013-14, seven vacant positions were eliminated from Finance and Customer Service (two Accountant 1's, one Administrative Officer 1, one Customer Service Representative 1, one Utility Supply Specialist 2, one Structural Maintenance Worker, and one Auto Equipment Operator 1)

DIVISION: REGULATORY COMPLIANCE AND NEW CUSTOMER

The Regulatory Compliance and New Customer Division plans the water and wastewater system to ensure compliance with state and federal agreements. The New Customer Section processes applications for new water services.

- Directs planning of water and wastewater facilities and infrastructure
- Oversees environmental regulations and compliance with federal and state agreements
- Directs Water Use Efficiency and Water Loss Reduction Plans
- Processes applications for new water service, mains, pump stations, and fire hydrant installations by private contractors

Strategic Objectives - Measures

•	NI2-1: Provide	adequate potable	e water supply and	l wastewater disposa
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Objectives	Measures –		FY 10-11 Actual	FY 11-12 Actual	FY 12-13 Budget	FY 12-13 Actual	FY 13-14 Target	
Ensure compliance with 20-year Water Use Permit with the South Florida Water Management District	Percent compliance with 20-Year Water Use Permit (WUP) as scheduled	EF	1	90%	100%	90%	100%	95%
Comprehensive Development of Master Plan	Percentage of Comprehensive Development Master Plan comments submitted timely	EF	Ţ	90%	100%	90%	90%	90%
	Percentage of Development Impact Committee comments provided timely	EF	ſ	90%	100%	90%	90%	90%

- In FY 2013-14, the Department will continue a program to reduce energy consumption encompassing facilities lighting and controls, operational 5 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
- In FY 2013-14, the New Customer Division will add three positions to improve customer service in the permitting process and meet the new ٠ business demands of the County (\$165,000)
- In FY 2013-14, one vacant position was eliminated in Regulatory Compliance and New Customer Service (one Professional Engineer)

Department Operational Unmet Needs

	(dollars in tho	ousands)	
Description	Startup Costs/ Non Recurring Costs	Recurring Costs	Positions
Fund two positions in the Information Technology Division to supports over a dozen critical custom in-house developed Oracle applications and databases	\$0	\$222	2
Fund nine positions in the New Customer Division to meet new customer demands	\$0	\$509	9
Fund one position in the System Implementation Division to support EAMS system	\$0	\$64	1
Fund one position in the Procurement Division to meet the demands for additional contracts	\$0	\$53	1
Fund six positions in the Planning Division to maintain and update the entire model for Water Transmission and Distribution System and perform other activities to ensure adequate water supply and compliance	\$0	\$431	6
Fund 15 positions in the Meter Installations and Maintenance Division to support sidewalk restoration and water meter repairs	\$0	\$570	15
Fund six positions in the Water Transmission and Distribution Division to meet increase permit and restoration requirements and accelerate the removal of lead components	\$0	\$328	6
Fund 19 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	\$0	\$1,220	19
Fund 29 positions in the Pump Station Division to support the wetwell cleaning operations and other related Pump Station activities	\$0	\$1,825	29
Fund 30 positions in the Wastewater Collection and Transm Division to support the Pump Station Improvement Program	\$0	\$1,344	30
Fund 35 positions in the Wastewater Treatment and Maintenance Division to provide adequate mechanical staff and perform other related activities	\$0	\$2,012	35
Total	\$0	\$8,578	153

CAPITAL BUDGET SUMMARY

(dollars in thousands)	PRIOR	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FUTURE	TOTAL
Revenue									
EPA Grant	3,881	0	0	0	0	0	0	0	3,881
Rock Mining Mitigation Fees	20,384	0	0	0	0	0	0	0	20,384
Wastewater Connection Charges	103,282	12,001	12,000	12,000	11,354	1,583	0	0	152,220
Water Connection Charges	19,857	479	0	0	0	0	0	0	20,336
Fire Hydrant Fund	12,825	2,000	2,500	2,500	2,500	2,500	3,000	6,717	34,542
HLD Special Construction Fund	74,146	0	0	0	0	0	0	0	74,146
Miami Springs Wastewater Construction Fund	1,326	0	0	0	0	0	0	0	1,326
Miami Springs Water Construction Fund	687	0	0	0	0	0	0	0	687
Wastewater Renewal Fund	160,786	40,000	40,000	40,000	40,000	40,000	39,725	222,480	622,991
Wastewater Special Construction Fund	1,346	300	400	500	500	500	500	0	4,046
Water Construction Fund	2,261	0	0	0	0	0	0	0	2,261
Water Renewal and Replacement Fund	133,927	30,000	40,000	40,000	40,000	40,000	37,874	1,692,500	2,054,301
Water Special Construction Fund	5,781	1,000	1,000	1,000	1,000	2,000	2,000	0	13,781
BBC GOB Financing	3,543	16,176	12,731	21,413	41,224	43,307	31,582	0	169,976
BBC GOB Series 2005A	16,277	0	0	0	0	0	0	0	16,277
BBC GOB Series 2008B	3,379	0	0	0	0	0	0	0	3,379
BBC GOB Series 2008B-1	8,595	0	0	0	0	0	0	0	8,595
BBC GOB Series 2011A	6,581	0	0	0	0	0	0	0	6,581
Future WASD Revenue Bonds	0	0	247,507	470,719	755,813	970,824	824,809	2,923,644	6,193,316
Hialeah Reverse Osmosis Plant Construction Fund	27,505	0	0	0	0	0	0	0	27,505
WASD 2013 Revenue Bond	300,000	0	0	0	0	0	0	0	300,000
WASD 2013 Revenue Bond WASD Revenue Bonds Sold	,	0	0	0	0	0	0	0	,
	237,949	0	0	0	0	0	0	2,666,745	237,949
WASD Future Funding Total:	0 1,144,318	0 101,956	356,138	588,132	0 892,391	0 1,100,714	939,490	2,000,745 7,512,086	2,666,745 12,635,225
Expenditures	1,111,010	101,000	000,100	000,102	002,001	1,100,111	000,100	1,012,000	12,000,220
Strategic Area: Neighborhood and									
Infrastructure									
GOB Water and Wastewater Projects	42,256	16,176	12,731	21,413	41,224	43,307	31,582	0	208,689
Wastewater Projects	422,693	196,860	311,562	366,958	638,120	714,966	609,799	5,197,085	8,458,043
Water Projects	259,689	101,437	225,453	209,740	215,732	342,548	298,109	2,315,785	3,968,493
Total:	724,638	314,473	549,746	598,111	895,076	1,100,821	939,490	7,512,870	12,635,225

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; 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 2013-14, the Department will continue implementation of water system capital projects (\$101.437 million in FY 2013-14, \$3.968 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, Water Treatment Plant - Floridian Reverse Osmosis, Water System Maintenance and Upgrades, and Safe Drinking Water Act Modifications
- In FY 2013-14, the Department will continue implementation of wastewater system capital projects (\$196.860 million in FY 2013-14, \$8.458 billion all years), major wastewater system projects include but are not limited to 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
- The FY 2013-14 Adopted Budget and Multi-Year Capital Plan includes \$70 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 \$2.9 billion through 2025

FUNDED CAPITAL PROJECTS

(dollars in thousands)

OUTFALL LEGISLA DESCRIPTION:	TION Elimination of out	fall flows to the	00000					PROJE	CT #: 9626	570 🔊
LOCATION:	Systemwide Various Sites		ocean		ct Located: ct(s) Served:		Syster Syster			
REVENUE SCHEDULE	E	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Connection	on Charges	11,583	4,017	0	0	0	0	0	0	15,600
Future WASD Revenu	e Bonds	0	0	1,865	1,441	105,801	101,550	75,483	1,306,445	1,592,585
WASD Future Funding]	0	0	0	0	0	0	0	1,379,745	1,379,745
TOTAL REVENUES:	=	11,583	4,017	1,865	1,441	105,801	101,550	75,483	2,686,190	2,987,930
EXPENDITURE SCHE	DULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design		0	1,521	182	140	10,316	9,901	7,360	261,904	291,324
Construction		0	14,079	1,683	1,300	95,485	91,649	68,124	2,424,286	2,696,606
TOTAL EXPENDITURI	ES:	0	15,600	1,865	1,440	105,801	101,550	75,484	2,686,190	2,987,930
Estimated	Annual Operating Ir	mpact will begin	in FY 2018-1	9 in the amou	nt of \$270,000)				

SYSTEM IMPROVEMENTS PROJECT - GENERAL OBLIGATION BONDS (G	GOB)
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DESCRIPTION: Replace undersized water mains and install new fire hydrants

Various Sites Systemwide LOCATION: District Located: Various Sites District(s) Served: Systemwide **REVENUE SCHEDULE:** PRIOR FUTURE TOTAL 2013-14 2014-15 2015-16 2016-17 2017-18 2018-19 **BBC GOB Financing** 200 3,771 816 12,647 27,103 27,765 9,815 0 82,117 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 TOTAL REVENUES: 6,747 3,771 816 12,647 27,103 27,765 9,815 0 88,664 TOTAL **EXPENDITURE SCHEDULE:** PRIOR 2013-14 2014-15 2015-16 2016-17 2017-18 2018-19 FUTURE Planning and Design 649 600 0 75 0 0 0 1,324 0 Construction 6,098 3,071 716 12,522 27,103 27,765 9,815 0 87,090 **Project Administration** 0 100 100 50 0 0 0 0 250 TOTAL EXPENDITURES: 88,664 6,747 3,771 816 12,647 27,103 27,765 9,815 0

PROJECT #:

LOCATION:	Systemwide				ns at water tre ct Located:		Systen	nwide		
	Various Sites			Distri	ct(s) Served:		Systen	nwide		
REVENUE SCHEDULE:	:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTA
Water Connection Char	rges	765	0	0	0	0	0	0	0	76
Future WASD Revenue	Bonds	0	0	750	252	0	0	0	0	1,00
NASD 2013 Revenue E		750	0	0	0	0	0	0	0	75
WASD Revenue Bonds	s Sold	1,062	0	0	0	0	0	0	0	1,06
OTAL REVENUES:		2,577	0	750	252	0	0	0	0	3,57
XPENDITURE SCHED	OULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTA
Construction	_	1,827	750	750	252	0	0	0	0	3,57
OTAL EXPENDITURE	S:	1,827	750	750	252	0	0	0	0	3,57
ASTEWATER TREA	ATMENT PLAN	rs - Consen	T DECREE	PROJECTS				PROJE	CT #: 9641	20
DESCRIPTION:	Design, construct	t, and rehabilitat	e infrastructu	re at wastewat	ter treatment p	plants to comp	ly with EPA C	onsent Decre	e	
LOCATION:	Various Sites			Dietri	ct Located:		County	wide		
LOCATION.	Throughout Miam	ni-Dade County			ct(s) Served:		County			
EVENUE SCHEDULE: Tuture WASD Revenue VASD 2013 Revenue E VASD Revenue Bonds DTAL REVENUES:	e Bonds Bond	PRIOR 0 8,404 10,802 19,206 PRIOR	2013-14 0 0 0 0 2013-14	2014-15 9,806 0 0 9,806 2014-15	2015-16 41,147 0 0 41,147 2015-16	2016-17 108,524 0 0 108,524 2016-17	2017-18 98,951 0 0 98,951 2017-18	2018-19 149,354 0 0 149,354 2018-19	FUTURE 599,779 0 0 599,779 FUTURE	TOTA 1,007,56 8,40 10,80 1,026,76 TOTA
KPENDITURE SCHED	OULE:		040		1 0 1 1	10 004	0 0 4 0	44 500	F0 470	100 11
XPENDITURE SCHED Planning and Design	OULE:	1,053	819 7 585	957	4,011 37 136	10,581 97 943	9,648 89 303	14,562 134 792	58,479 541 300	100,11 926 65
KPENDITURE SCHED Planning and Design Construction DTAL EXPENDITURE	S:	1,053 9,749 10,802	7,585 8,404	957 8,849 9,806	37,136 41,147	97,943 108,524	9,648 89,303 98,951	14,562 134,792 149,354	58,479 541,300 599,779	100,11 926,65 1,026,76
XPENDITURE SCHED Planning and Design Construction DTAL EXPENDITURE: Estimated A	S: Annual Operating In	1,053 9,749 10,802 npact will begin - GENERAL	7,585 8,404 in FY 2018-1 OBLIGATIO	957 8,849 9,806 9 in the amoun N BONDS (ts including wa Distri	37,136 41,147 nt of \$50,000,0 GOB)	97,943 108,524 000	89,303 98,951	134,792 149,354 PROJEC systems nwide	541,300 599,779	926,65 1,026,7 6
XPENDITURE SCHED Planning and Design Construction DTAL EXPENDITURES ESTIMATED A ESTIMATED A EEDS ASSESSMEN DESCRIPTION: LOCATION: EVENUE SCHEDULE: BBC GOB Financing	S: Annual Operating In ITS PROJECTS Construction of w Various Sites Various Sites	1,053 9,749 10,802 npact will begin - GENERAL	7,585 8,404 in FY 2018-1 OBLIGATIO	957 8,849 9,806 9 in the amoun N BONDS (ts including wa Distri	37,136 41,147 nt of \$50,000,0 GOB) ater mains, pip ct Located:	97,943 108,524 000	89,303 98,951 wer collection System	134,792 149,354 PROJEC systems nwide	541,300 599,779	926,65 1,026,76 50 TOTA 26,10
KPENDITURE SCHED Planning and Design Construction DTAL EXPENDITURE: Estimated A EEDS ASSESSMEN DESCRIPTION: LOCATION: BEC GOB Financing BEC GOB Series 2005/	S: Annual Operating In ITS PROJECTS Construction of w Various Sites Various Sites	1,053 9,749 10,802 mpact will begin - GENERAL rater and sewer PRIOR 595	7,585 8,404 in FY 2018-1 OBLIGATIO enhancement 2013-14 4,029	957 8,849 9,806 9 in the amoun N BONDS (in the amoun the amount the	37,136 41,147 nt of \$50,000,0 GOB) ater mains, pip ct Located: ct(s) Served: 2015-16 4,026	97,943 108,524 000 belines and se 2016-17 4,028	89,303 98,951 wer collection Systen Systen 2017-18 2,790	134,792 149,354 PROJEC systems nwide nwide 2018-19 3,882	541,300 599,779 CT #: 9643 FUTURE 0	926,65 1,026,76
KPENDITURE SCHED Planning and Design Construction DTAL EXPENDITURES ESTIMATE A ESTIMATE	S: Annual Operating In ITS PROJECTS Construction of w Various Sites Various Sites Various Sites	1,053 9,749 10,802 mpact will begin - GENERAL rater and sewer PRIOR 595 1,686	7,585 8,404 in FY 2018-1 OBLIGATIO enhancement 2013-14 4,029 0	957 8,849 9,806 9 in the amoun N BONDS (in the amoun the amount the	37,136 41,147 nt of \$50,000,0 GOB) ater mains, pip ct Located: ct(s) Served: 2015-16 4,026 0	97,943 108,524 000 belines and se 2016-17 4,028 0	89,303 98,951 wer collection Systen Systen 2017-18 2,790 0	134,792 149,354 PROJEC systems nwide nwide 2018-19 3,882 0	541,300 599,779 CT #: 9643 FUTURE 0 0	926,65 1,026,76 50 50 TOTA 26,10 1,68
KPENDITURE SCHED Vanning and Design Construction DTAL EXPENDITURE Estimated A EEDS ASSESSMEN DESCRIPTION: LOCATION: BC GOB Financing BC GOB Series 2005/ BC GOB Series 2008/	S: Annual Operating In ITS PROJECTS Construction of w Various Sites Various Sites Various Sites	1,053 9,749 10,802 mpact will begin - GENERAL rater and sewer PRIOR 595 1,686 1,504	7,585 8,404 in FY 2018-1 OBLIGATIO enhancement 2013-14 4,029 0 0	957 8,849 9,806 9 in the amoun N BONDS (i ts including we Distri Distri 2014-15 6,754 0 0	37,136 41,147 nt of \$50,000,0 GOB) ater mains, pip ct Located: ct(s) Served: 2015-16 4,026 0 0	97,943 108,524 000 belines and se 2016-17 4,028 0 0 0	89,303 98,951 wer collection System System 2017-18 2,790 0 0	134,792 149,354 PROJEC systems nwide nwide 2018-19 3,882 0 0	541,300 599,779 CT #: 9643 FUTURE 0 0 0 0	926,63 1,026,74 50 50 70TA 26,10 1,64 1,55 2,24
KPENDITURE SCHED Planning and Design Construction DTAL EXPENDITURE: Estimated A EEDS ASSESSMEN DESCRIPTION: LOCATION: BEC GOB Financing BEC GOB Series 2008/ BEC GOB Series 2008	S: Annual Operating In ITS PROJECTS Construction of w Various Sites Various Sites Construction of w Various Sites Construction of w Construction of w Various Sites Construction of w Construction of w Construct	1,053 9,749 10,802 mpact will begin - GENERAL rater and sewer 985 1,686 1,504 2,288 6,073 PRIOR	7,585 8,404 in FY 2018-1 OBLIGATIC enhancement 2013-14 4,029 0 0 0 4,029 2013-14	957 8,849 9,806 9 in the amoun N BONDS (ts including wa Distri Distri 2014-15 6,754 0 0 0 6,754 2014-15	37,136 41,147 nt of \$50,000,0 GOB) ater mains, pip ct Located: ct (s) Served: 2015-16 4,026 0 0 0 4,026 2015-16	97,943 108,524 000 belines and se 2016-17 4,028 0 0 0 4,028 2016-17	89,303 98,951 wer collection Systen Systen 2017-18 2,790 0 0 0 2,790 2017-18	134,792 149,354 PROJEC systems nwide 2018-19 3,882 0 0 0 0 3,882 2018-19	541,300 599,779 CT #: 9643 FUTURE 0 0 0 0 0 FUTURE	926,63 1,026,74 50 TOTA 26,10 1,50 2,28 31,56 TOTA
KPENDITURE SCHED Planning and Design Construction DTAL EXPENDITURE: Estimated A EEDS ASSESSMEN DESCRIPTION: LOCATION: BEC GOB Financing BEC GOB Series 2008/ BEC GOB SER	S: Annual Operating In ITS PROJECTS Construction of w Various Sites Various Sites Construction of w Various Sites Construction of w Construction of w Various Sites Construction of w Construction of w Construct	1,053 9,749 10,802 mpact will begin - GENERAL rater and sewer 9RIOR 595 1,686 1,504 2,288 6,073 PRIOR 0	7,585 8,404 in FY 2018-1 OBLIGATIC enhancement 4,029 0 0 0 4,029 2013-14 265	957 8,849 9,806 9 in the amoun N BONDS (ts including wa Distri Distri 2014-15 6,754 0 0 0 6,754 2014-15 0	37,136 41,147 nt of \$50,000,0 GOB) ater mains, pip ct Located: ct (s) Served: 2015-16 4,026 0 0 0 4,026 2015-16 0 0 0 0 0 0 0 0 0 0 0 0 0	97,943 108,524 000 belines and se 2016-17 4,028 0 0 0 4,028 2016-17 0	89,303 98,951 wer collection Systen Systen 2017-18 2,790 0 0 0 2,790 2017-18 0	134,792 149,354 PROJEC systems nwide nwide 2018-19 3,882 0 0 0 0 0 3,882 2018-19 0 0	541,300 599,779 CT #: 9643 FUTURE 0 0 0 0 FUTURE 0	926,60 1,026,70 50 TOTA 26,10 1,60 2,20 31,50 TOTA 20 20 20 20 20 20 20 20 20 20
KPENDITURE SCHED Planning and Design Construction CTAL EXPENDITURES ESTIMATED A ESTIMATED	S: Annual Operating In ITS PROJECTS Construction of w Various Sites Various Sites Construction of w Various Sites Construction of w Construction of w Various Sites Construction of w Construction of w Construct	1,053 9,749 10,802 mpact will begin - GENERAL rater and sewer PRIOR 595 1,686 1,504 2,288 6,073 PRIOR 0 1,937	7,585 8,404 in FY 2018-1 OBLIGATIO enhancement 2013-14 4,029 0 0 0 0 4,029 2013-14 265 405	957 8,849 9,806 9 in the amoun N BONDS (ts including wa Distri Distri 2014-15 6,754 0 0 0 6,754 2014-15 0 164	37,136 41,147 nt of \$50,000,0 GOB) ater mains, pip ct Located: ct (s) Served: 2015-16 4,026 0 0 0 0 4,026 2015-16 13	97,943 108,524 000 belines and se 2016-17 4,028 0 0 0 0 4,028 2016-17 0 0 0 0 0 0 0 0 0 0 0 0 0	89,303 98,951 wer collection Systen Systen 2017-18 2,790 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	134,792 149,354 PROJEC systems nwide 2018-19 3,882 0 0 0 0 3,882 2018-19 0 0 0 0 0 0 0 0 0 0 0 0 0	541,300 599,779 CT #: 9643 FUTURE 0 0 0 FUTURE 0 0 0	926,60 1,026,70 50 TOTA 26,10 1,60 2,20 31,50 TOTA 20 2,50
XPENDITURE SCHED Planning and Design Construction OTAL EXPENDITURE: Estimated A EEDS ASSESSMEN DESCRIPTION:	S: Annual Operating In ITS PROJECTS Construction of w Various Sites Various Sites Construction of w Various Sites Construction of w Construction of w Various Sites Construction of w Construction of w Construct	1,053 9,749 10,802 mpact will begin - GENERAL rater and sewer 9RIOR 595 1,686 1,504 2,288 6,073 PRIOR 0	7,585 8,404 in FY 2018-1 OBLIGATIC enhancement 4,029 0 0 0 4,029 2013-14 265	957 8,849 9,806 9 in the amoun N BONDS (ts including wa Distri Distri 2014-15 6,754 0 0 0 6,754 2014-15 0	37,136 41,147 nt of \$50,000,0 GOB) ater mains, pip ct Located: ct (s) Served: 2015-16 4,026 0 0 0 4,026 2015-16 0 0 0 0 0 0 0 0 0 0 0 0 0	97,943 108,524 000 belines and se 2016-17 4,028 0 0 0 4,028 2016-17 0	89,303 98,951 wer collection Systen Systen 2017-18 2,790 0 0 0 2,790 2017-18 0	134,792 149,354 PROJEC systems nwide nwide 2018-19 3,882 0 0 0 0 0 3,882 2018-19 0 0	541,300 599,779 CT #: 9643 FUTURE 0 0 0 0 FUTURE 0	926,60 1,026,70 50 TOTA 26,10 1,50 2,20 31,50 TOTA 20

DESCRIPTION:	Design, constru	ct, and rehabilitat	te pump static	ons infrastructu	ure systems to	comply with I	EPA Consent	Decree		
LOCATION:	Various Sites				ict Located:		County			
	Throughout Mia	mi-Dade County		Distri	ict(s) Served:		County	/wide		
EVENUE SCHEDULE	:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	ΤΟΤΑ
Vastewater Connectio	•	1,006	195	0	0	0	0	0	0	1,20
uture WASD Revenue		0	0	9,708	16,481	33,716	31,076	6,057	0	97,03
VASD 2013 Revenue VASD Revenue Bonds		7,126 1,403	0 0	0 0	0 0	0 0	0 0	0	0 0	7,12 1,40
DTAL REVENUES:	5 0010	9,535	195	9,708	16,481	33,716	31,076	6,057	0	106,76
(PENDITURE SCHEI		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTA
lanning and Design	JULE.	235	2013-14 714	2014-15 947	1,607	3,287	3,030	2018-19 591		10,4
onstruction		2,174	6,607	8,761	14,874	30,429	28,046	5,466	0	96,3
TAL EXPENDITURE	-s-	2,409	7,321	9,708	16,481	33,716	31,076	6,057	0	106,7
	Annual Operating			,			01,010	0,001	·	100,11
DESCRIPTION: LOCATION:	Replace and up Various Sites Various Sites	grade water distr	ibution and se	Distri	n system ict Located: ict(s) Served:		Syster Syster			
	::	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19 7 968	FUTURE	
BC GOB Financing	:	0	0	0	0	1,200	10,727	7,968	0	TOTA 19,89
BC GOB Financing TAL REVENUES:		0	0	0	0	1,200 1,200	10,727 10,727	7,968 7,968	0	19,8 19,8
BC GOB Financing TAL REVENUES: PENDITURE SCHEE		0 0 PRIOR	0 0 2013-14	0 0 2014-15	0 0 2015-16	1,200	10,727 10,727 2017-18	7,968 7,968 2018-19	0 0 FUTURE	19,8 19,8 TOT
BC GOB Financing TAL REVENUES: PENDITURE SCHEE anning and Design		0	0	0	0	1,200 1,200 2016-17	10,727 10,727	7,968 7,968	0	19,8 19,8 TOT 3,2
BC GOB Financing TAL REVENUES: PENDITURE SCHED anning and Design onstruction	DULE:	0 0 PRIOR 0	0 0 2013-14 0	0 0 2014-15 0	0 0 2015-16 0	1,200 1,200 2016-17 0	10,727 10,727 2017-18 1,100	7,968 7,968 2018-19 2,100	0 0 FUTURE 0	19,8 19,8 TOT/ 3,2 16,6
EVENUE SCHEDULE BC GOB Financing DTAL REVENUES: PENDITURE SCHED lanning and Design onstruction DTAL EXPENDITURE ORIDA AQUIFER 1 DESCRIPTION: LOCATION:	DULE: ES: W.T.P. (HIALE/	0 9RIOR 0 0	0 0 2013-14 0 0 0	0 2014-15 0 0 0 TON BONDS Dlant in the Cit Distri	0 0 2015-16 0 0 0	1,200 1,200 2016-17 0 1,200	10,727 10,727 2017-18 1,100 9,627	7,968 7,968 2018-19 2,100 5,868 7,968	0 FUTURE 0 0 0	19,8 19,8 TOT/ 3,2 16,6 19,8
BC GOB Financing TAL REVENUES: PENDITURE SCHEL anning and Design onstruction TAL EXPENDITURE ORIDA AQUIFER DESCRIPTION: LOCATION: VENUE SCHEDULE	DULE: ES: W.T.P. (HIALE/ Construct a reve Hialeah Hialeah	0 PRIOR 0 0 0 0 AH) - GENERA erse osmosis wat	0 2013-14 0 0 0 L OBLIGAT ter treatment p 2013-14	0 0 2014-15 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 2015-16 0 0 0 0 5 (GOB) y of Hialeah ict Located: ict(s) Served: 2015-16	1,200 1,200 2016-17 0 1,200 1,200 2016-17	10,727 10,727 2017-18 1,100 9,627 10,727 10,727 13 System 2017-18	7,968 7,968 2018-19 2,100 5,868 7,968 PROJEC	0 FUTURE 0 0 0 0 CT #: 96452	19,8 19,8 TOT/ 3,2 16,6 19,8 0
C GOB Financing TAL REVENUES: PENDITURE SCHEL anning and Design onstruction TAL EXPENDITURE ORIDA AQUIFER DESCRIPTION: LOCATION: VENUE SCHEDULE C GOB Financing	DULE: ES: W.T.P. (HIALE/ Construct a reve Hialeah Hialeah	Q PRIOR 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2013-14 0 0 0 L OBLIGAT ter treatment p	0 2014-15 0 0 0 CION BONDS Data in the Cit Distri	0 0 2015-16 0 0 0 S (GOB) y of Hialeah ict Located: ict(s) Served:	1,200 1,200 2016-17 0 1,200 1,200	10,727 10,727 2017-18 1,100 9,627 10,727 10,727 13 System	7,968 7,968 2018-19 2,100 5,868 7,968 PROJE	0 FUTURE 0 0 0	19,8 19,8 TOT/ 3,2 16,6 19,8 0
C GOB Financing TAL REVENUES: PENDITURE SCHEL anning and Design onstruction TAL EXPENDITURE ORIDA AQUIFER DESCRIPTION: LOCATION: VENUE SCHEDULE C GOB Financing C GOB Series 2005	DULE: ES: W.T.P. (HIALE/ Construct a reve Hialeah Hialeah	0 PRIOR 0 0 0 0 0 0 PRIOR 0 9,500	0 0 2013-14 0 0 0 0 1 1 2013-14 500 0	0 0 2014-15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 2015-16 0 0 0 0 5 (GOB) y of Hialeah ict Located: ict(s) Served: 2015-16 0	1,200 1,200 2016-17 0 1,200 1,200 2016-17 0	10,727 10,727 2017-18 1,100 9,627 10,727 10,727 13 System 2017-18 0	7,968 7,968 2018-19 2,100 5,868 7,968 PROJEC	0 FUTURE 0 0 0 0 CT #: 96452 FUTURE 0	19,8 19,8 TOT/ 3,2 16,6 19,8 0 TOT/ 5 9,5
C GOB Financing TAL REVENUES: PENDITURE SCHEIL anning and Design onstruction TAL EXPENDITURE ORIDA AQUIFER DESCRIPTION: LOCATION: VENUE SCHEDULE C GOB Financing C GOB Series 2005 TAL REVENUES:	DULE: ES: W.T.P. (HIALE/ Construct a reve Hialeah Hialeah Hialeah	0 PRIOR 0 0 0 0 0 0 PRIOR 0 9,500 9,500	0 2013-14 0 0 0 0 0 1 2013-14 500 0 500	0 0 2014-15 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 2015-16 0 0 0 0 \$ (GOB) y of Hialeah ict Located: ict(s) Served: 2015-16 0 0	1,200 1,200 1,200 1,200 1,200 2016-17 0 0 0	10,727 2017-18 1,100 9,627 10,727 10,727 10,727 2017-18 0 0 0	7,968 7,968 2018-19 2,100 5,868 7,968 PROJEC	0 FUTURE 0 0 0 0 0 CT #: 96452 FUTURE 0 0 0	19,8 19,8 TOT/ 3,2 16,6 19,8 0 TOT/ 5 9,5 10,0
BC GOB Financing TAL REVENUES: PENDITURE SCHEL anning and Design onstruction TAL EXPENDITURE ORIDA AQUIFER DESCRIPTION: LOCATION:	DULE: ES: W.T.P. (HIALE/ Construct a reve Hialeah Hialeah Hialeah	0 PRIOR 0 0 0 0 0 0 PRIOR 0 9,500	0 0 2013-14 0 0 0 0 1 1 2013-14 500 0	0 0 2014-15 0 0 0 TON BONDS Diatri the Cit Distri Distri 2014-15 0 0	0 0 2015-16 0 0 0 0 5 (GOB) y of Hialeah ict Located: ict Located: ict(s) Served: 2015-16 0 0	1,200 1,200 2016-17 0 1,200 1,200 2016-17 0 0	10,727 10,727 2017-18 1,100 9,627 10,727 10,727 13 System 2017-18 0 0	7,968 7,968 2018-19 2,100 5,868 7,968 PROJEC	0 FUTURE 0 0 0 0 CT #: 96452 FUTURE 0 0	19,8 19,8 TOTA 3,2 16,6 19,8

	UND - WATE						PROJE	CT #: 965450	
DESCRIPTION: Repair and or re LOCATION: Miami Springs	placement water	r transmission	• •	1 0		c			
LOCATION: Miami Springs Miami Springs				ct Located: ct(s) Served:		6 6			
REVENUE SCHEDULE:	PRIOR 687	2013-14 0	2014-15 0	2015-16 0	2016-17 0	2017-18 0	2018-19 0	FUTURE 0	TOTAL 687
Miami Springs Water Construction Fund TOTAL REVENUES:	687 687	0	0	0	0	0	0	0	687
EXPENDITURE SCHEDULE:	PRIOR	0 2013-14	0 2014-15	0 2015-16	0 2016-17	0 2017-18	0 2018-19	FUTURE	TOTAL
Planning and Design	23	2013-14	2014-15	2015-16	2010-17	2017-18	2010-19		26
Construction	580	48	33	0	0	0	0	0	661
TOTAL EXPENDITURES:	603	50	34	0	0	0	0	0	687
W 37 AVE INDUSTRIAL DEVELOP DESCRIPTION: Replace water an LOCATION: NW 37 Ave and Various Sites	nd sewer mains		Ave Industrial Distri			2 Syster	PROJE (CT #: 965520	
REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
BBC GOB Financing BBC GOB Series 2005A	100 4	795 0	3,961 0	4,740 0	0 0	0 0	0 0	0 0	9,596 2
BBC GOB Series 2008B	430	0	0	0	0	0	0	0	430
BBC GOB Series 2008B-1	190	0	0	0	0 0	ů 0	0	0	190
TOTAL REVENUES:	724	795	3,961	4,740	0	0	0	0	10,220
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	620	0	0	0	0	0	0	0	620
Construction	104	795	3,961	4,740	0	0	0	0	9,600
	724	305							
TOTAL EXPENDITURES:	124	795	3,961	4,740	0	0	0	0	10,22
TOTAL EXPENDITURES: VASTEWATER TREATMENT PLAN DESCRIPTION: Plan and constru LOCATION: Systemwide Various Sites	TS EFFLUEN	T REUSE	e system at w Distri			0 Syster Syster	PROJE(
VASTEWATER TREATMENT PLAN DESCRIPTION: Plan and constru LOCATION: Systemwide Various Sites REVENUE SCHEDULE:	TS EFFLUEN Inct facilities for a PRIOR	T REUSE n effluent reus 2013-14	e system at w Distri Distri 2014-15	vastewater tre: ct Located: ct(s) Served: 2015-16	atment plants 2016-17	Systen Syster 2017-18	PROJE(nwide nwide 2018-19	CT #: 965630 FUTURE	τοται
VASTEWATER TREATMENT PLAN DESCRIPTION: Plan and constru LOCATION: Systemwide Various Sites REVENUE SCHEDULE: Future WASD Revenue Bonds	TS EFFLUEN ct facilities for a PRIOR 0	T REUSE n effluent reus 2013-14 0	e system at w Distri Distri 2014-15 0	vastewater tre ct Located: ct(s) Served: 2015-16 0	atment plants 2016-17 0	Systen Systen 2017-18 0	PROJE(nwide nwide 2018-19 0	CT #: 96563(FUTURE 95,000	TOTAI 95,000
VASTEWATER TREATMENT PLAN DESCRIPTION: Plan and constru LOCATION: Systemwide Various Sites REVENUE SCHEDULE: Future WASD Revenue Bonds	TS EFFLUEN oct facilities for a PRIOR 0 0	T REUSE n effluent reus 2013-14 0 0	e system at w Distri 2014-15 0 0	vastewater tre ct Located: ct(s) Served: 2015-16 0 0	atment plants 2016-17 0 0	Syster Syster 2017-18 0 0	PROJE(nwide 2018-19 0 0	CT #: 96563(FUTURE 95,000 95,000	TOTAI 95,000 95,000
VASTEWATER TREATMENT PLAN DESCRIPTION: Plan and constru LOCATION: Systemwide Various Sites REVENUE SCHEDULE: Future WASD Revenue Bonds TOTAL REVENUES: EXPENDITURE SCHEDULE:	TS EFFLUEN oct facilities for a PRIOR 0 PRIOR 0	T REUSE n effluent reus 2013-14 0 2013-14	e system at w Distri 2014-15 0 2014-15	vastewater tre ct Located: ct(s) Served: 2015-16 0 2015-16	2016-17 0 2016-17	Syster Syster 2017-18 0 2017-18	PROJE(nwide 2018-19 0 2018-19	CT #: 96563(FUTURE 95,000 95,000 FUTURE	TOTAI 95,000 95000
VASTEWATER TREATMENT PLAN DESCRIPTION: Plan and constru LOCATION: Systemwide Various Sites REVENUE SCHEDULE:	TS EFFLUEN oct facilities for a PRIOR 0 0	T REUSE n effluent reus 2013-14 0 0	e system at w Distri 2014-15 0 0	vastewater tre ct Located: ct(s) Served: 2015-16 0 0	atment plants 2016-17 0 0	Syster Syster 2017-18 0 0	PROJE(nwide 2018-19 0 0	CT #: 96563(FUTURE 95,000 95,000	TOTAI 95,000 95,00 0

	Replace and instal	Il new pipeline	s in areas req	uiring service i	Improvements					
	Systemwide				ct Located:		Systen			
V	/arious Sites			Distri	ct(s) Served:		Systen	nwide		
REVENUE SCHEDULE:		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	τοτΑ
BBC GOB Financing		0	1,300	1,000	0	8,893	733	9,917	0	21,84
BBC GOB Series 2005A		2,639	0	0	0	0	0	0	0	2,63
BBC GOB Series 2008B-	1	50	0	0	0	0	0	0	0	;
BBC GOB Series 2011A	=	1,723	0	0	0	0	0	0	0	1,72
OTAL REVENUES:		4,412	1,300	1,000	0	8,893	733	9,917	0	26,2
XPENDITURE SCHEDU	LE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOT
Planning and Design		198	0	0	0	0	0	0	0	1
	_	4,214	1,300	1,000	0	8,893	733	9,917	0	26,0
OTAL EXPENDITURES:		4,412	1,300	1,000	0	8,893	733	9,917	0	26,2
ATER TREATMENT F	PLANT - FLOR	IDIAN REVE	RSE OSMO	SIS				PROJE	CT #: 966620	, ,
	Construct a 10-mil									
	lialeah's service a	areas; total cos	st of \$160 milli			d expenditure		n from City of	Hialeah	
	700 W 2 Ave				ct Located:		6 Curatar			
Г	lialeah			Distri	ct(s) Served:		Systen	nwide		
EVENUE SCHEDULE:		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	тот/
Water Connection Charge	es	9,286	100	0	0	0	0	0	0	9,3
Future WASD Revenue B	londs	0	0	0	0	0	0	0	18,915	18,9
Hialeah Reverse Osmosis	s Plant	27,505	0	0	0	0	0	0	0	27,5
construction Fund		C 227	0	0	0	0	0	0	0	<u> </u>
WASD Revenue Bonds S	,010 <u>-</u>	6,337	0	0	0	0	0	0	0	6,3
OTAL REVENUES:		43,128	100	0	0	0	0	0	18,915	62,1
EXPENDITURE SCHEDU	LE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOT
Planning and Design Construction		1,277 41,547	12 392	0 0	0	0 0	0 0	0 0	564 18.351	1,8 60,2
OTAL EXPENDITURES:	=	42,824	404	0	0	0	0	0	18,915	62,14
	nual Operating Im	,	in FY 2013-1	4 in the amou	nt of \$6,000,0	00			,	,-
ATER PIPES AND IN	FRASTRUCTU	RE PROJEC	TS					PROJE	CT #: 967190)
	Replace pipe and		-						CT #: 967190	
DESCRIPTION: R LOCATION: C	Replace pipe and Countywide		-	Distri	ct Located:		System	nwide	CT #: 967190	, ,
DESCRIPTION: R LOCATION: C	Replace pipe and		-	Distri	ct Located: ct(s) Served:		Systen Systen	nwide	CT #: 967190	, ,
DESCRIPTION: R LOCATION: C V	Replace pipe and Countywide	construct infra	structure repa	Distri Distri	ct(s) Served:	2016-17	Systen	nwide nwide		
DESCRIPTION: R LOCATION: C V EVENUE SCHEDULE:	Replace pipe and Countywide /arious Sites	construct infra	-	Distri Distri 2014-15	ct(s) Served: 2015-16	2016-17 3.000	Systen 2017-18	nwide nwide 2018-19	FUTURE	тоти
DESCRIPTION: R LOCATION: C V EVENUE SCHEDULE: Water Renewal and Repla	Replace pipe and Countywide /arious Sites acement Fund	construct infra	structure repa 2013-14	Distri Distri	ct(s) Served:	2016-17 3,000 0	Systen	nwide nwide		TOT / 38,3
DESCRIPTION: R LOCATION: C V EVENUE SCHEDULE: Water Renewal and Repla WASD Revenue Bonds S	Replace pipe and Countywide /arious Sites acement Fund	PRIOR 24,588 13,025	structure repa 2013-14 0	Distri Distri 2014-15 3,654	2015-16 3,000	3,000	Systen 2017-18 3,000 0	nwide nwide 2018-19 1,156	FUTURE 0	TOT / 38,3 13,0
DESCRIPTION: R LOCATION: C V EVENUE SCHEDULE: Water Renewal and Repla WASD Revenue Bonds S OTAL REVENUES:	Replace pipe and Countywide /arious Sites acement Fund Sold	PRIOR 24,588 13,025 37,613	2013-14 0 0	Distri Distri 2014-15 3,654 0 3,654	ct(s) Served: 2015-16 3,000 0 3,000	3,000 0 3,000	Systen 2017-18 3,000 0 3,000	nwide 2018-19 1,156 0 1,156	FUTURE 0 0	TOT // 38,3 13,0 51,4
DESCRIPTION: R LOCATION: C V EVENUE SCHEDULE: Water Renewal and Repk WASD Revenue Bonds S OTAL REVENUES: XPENDITURE SCHEDUI	Replace pipe and Countywide /arious Sites acement Fund Sold	PRIOR 24,588 13,025 37,613 PRIOR	2013-14 0 0 2013-14	Distri Distri 2014-15 3,654 0 3,654 2014-15	ct(s) Served: 2015-16 3,000 0 3,000 2015-16	3,000 0 3,000 2016-17	Systen 2017-18 3,000 0 3,000 2017-18	nwide nwide 2018-19 1,156 0	FUTURE 0 0 FUTURE	TOT/ 38,3 13,0 51,4 TOT/ 1,9
DESCRIPTION: R LOCATION: C	Replace pipe and Countywide /arious Sites acement Fund Sold	PRIOR 24,588 13,025 37,613	2013-14 0 0	Distri Distri 2014-15 3,654 0 3,654	ct(s) Served: 2015-16 3,000 0 3,000	3,000 0 3,000	Systen 2017-18 3,000 0 3,000	nwide 2018-19 1,156 0 1,156 2018-19	FUTURE 0 0	TOT/ 38,3 13,0 51,4 TOT/

DESCRIPTION: LOCATION:	SPRINGS PUN Upgrade electrica Various Sites			proprietary SC Distri	ADA system	(608)	6	PROJE	CT #: 96773	
	Various Sites			Distri	ct(s) Served:		System	nwide		
REVENUE SCHEDULE:		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
BBC GOB Financing		0	71	2014-13	2013-10	0	0	2010-13	0	271
BBC GOB Series 2008E	J-1	559	0	0	0	0	0	0	0	559
BBC GOB Series 2011A	۱.	8	0	0	0	0	0	0	0	8
OTAL REVENUES:	-	567	71	200	0	0	0	0	0	838
XPENDITURE SCHED	JLE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Construction	r	567	71	200	0	0	0	0	0	838
TOTAL EXPENDITURES): ;	567	71	200	0	0	0	0	0	838
VASTEWATER COLL	ECTION AND	TRANSMISSI	ON LINES -	CONSENT				PROJE	CT #: 96815	0
	Design, construc				on infrastructu	re lines to con	nply with EPA	Consent Dec		-
LOCATION:	Various Sites			Distri	ct Located:		County	/wide		
	Throughout Mian	ni-Dade County		Distri	ct(s) Served:		County	/wide		
REVENUE SCHEDULE:		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTA
Wastewater Connection	Charges	40,919	1,151	1,276	0	0	0	0	0	43,34
Wastewater Renewal Fi		5,321	0	0	0	0	0	0	0	5,32
Future WASD Revenue		0	0	24,986	78,787	97,169	36,557	25,786	79,174	342,459
WASD 2013 Revenue E WASD Revenue Bonds		22,355 56,661	0 0	0 0	0 0	0 0	0 0	0	0 0	22,355 56,66
TOTAL REVENUES:	-	125,256	1,151	26,262	78,787	97,169	36,557	25,786	79,174	470,142
EXPENDITURE SCHED	II E.	PRIOR		2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	JLC:	7,922	2013-14 3,131	2014-15 3,134	2015-16 8,379	9,474	3,564	2016-19	7,720	45,838
Construction		73,338	28,982	29,007	77,562	87,696	32,993	23,272	71,454	424,304
TOTAL EXPENDITURES):	81,260	32,113	32,141	85,941	97,170	36,557	25,786	79,174	470,142
								PROJE	CT #: 96875	0
DESCRIPTION: LOCATION:	Replace and inst Various Sites	all new pipeline	s in areas req		ct Located:		System	nwide		
	Various Sites				ct(s) Served:		Syster			
							-			
REVENUE SCHEDULE:		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	ΤΟΤΑΙ
Wastewater Renewal Fi	und	16,250	2013-14 3,000	3,000	3,000	3,000	3,000	3,000		34,25
		1,642	0,000	0,000	0,000	0,000	0,000	0,000	0	1,642
WASD Revenue Bonds			3,000	3,000	3,000	3,000	3,000	3,000	0	35,892
		17,892	0,000			1		1	-	
OTAL REVENUES:	л Е·	17,892 PRIOR			2015-16	2016-17	2017-18	2018-10	FUTURE	ΤΟΤΔΙ
EXPENDITURE SCHED	JLE:	PRIOR	2013-14 479	2014-15 479	2015-16 479	2016-17 479	2017-18 479	2018-19 480	FUTURE 0	TOTAI 5,734
WASD Revenue Bonds TOTAL REVENUES: EXPENDITURE SCHEDU Planning and Design Construction	JLE:		2013-14	2014-15			2017-18 479 2,521	2018-19 480 2,520		TOTAL 5,734 30,158

			e lagoon; acqu	uile a back-up			i Springs to th	e NWWF; and	
construct other we LOCATION: Various Sites Various Sites	ilfield improve	ments		ct Located: ct(s) Served:		6, 12 Systen	nwide		
REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
BBC GOB Financing	0	11	0	0	0	1,292	0	0	1,303
BBC GOB Series 2005A BBC GOB Series 2008B	1,601 427	0	0	0	0 0	0 0	0 0	0 0	1,601 427
BBC GOB Series 2008B-1	427 669	0	0 0	0	0	0	0	0	42
TOTAL REVENUES:	2,697	11	0	0	0	1,292	0	0	4,000
EXPENDITURE SCHEDULE: Land/Building Acquisition	PRIOR 2,697	2013-14 11	2014-15 0	2015-16 0	2016-17 0	2017-18 1,292	2018-19 0	FUTURE 0	4,000 TOTAL 4,000
TOTAL EXPENDITURES:	2,697	11	0	0	0	1,292	0	0	4,000
MIAMI SPRINGS CONSTRUCTION FL DESCRIPTION: Construct wastewa LOCATION: Miami Springs Miami Springs			Distri	ami Springs ct Located: ct(s) Served:		6 6	PROJEC	CT #: 969110	
REVENUE SCHEDULE: Miami Springs Wastewater Construction ^E und	PRIOR 1,326	2013-14 0	2014-15 0	2015-16 0	2016-17 0	2017-18 0	2018-19 0	FUTURE 0	TOTAL 1,326
TOTAL REVENUES:	1,326	0	0	0	0	0	0	0	1,326
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAI
Planning and Design	72	10	10	20	10	11	0	0	13
	647	90	90	180	90	96	0	0	1,193
Construction	719	100	100	200	100	107	0	0	1,32
Construction	719 S - GENERA	100 L OBLIGATI	100 ION BONDS uding gravity s Distric	200 (GOB) ewers, force r ct Located:		mp stations 8, 9	PROJEC	-	1,320
Construction TOTAL EXPENDITURES: PERRINE / CUTLER IMPROVEMENTS DESCRIPTION: Construct water ar	719 S - GENERA	100 L OBLIGATI	100 ION BONDS uding gravity s Distric	200 (GOB) ewers, force r		np stations	PROJEC	-	1,320
Construction TOTAL EXPENDITURES: PERRINE / CUTLER IMPROVEMENTS DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites REVENUE SCHEDULE:	719 S - GENERA nd sewer impro PRIOR	100 L OBLIGATI ovements inclu 2013-14	100 ION BONDS Jding gravity s Distri Distri 2014-15	200 (GOB) ewers, force r ct Located: ct(s) Served: 2015-16	nains, and pur 2016-17	np stations 8, 9 Systen 2017-18	PROJEC nwide 2018-19	CT #: 969830 FUTURE	тота
Construction OTAL EXPENDITURES: ERRINE / CUTLER IMPROVEMENTS DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites EVENUE SCHEDULE: EPA Grant	719 S - GENERA nd sewer impro PRIOR 3,881	100 L OBLIGATI ovements inclu 2013-14 0	100 ION BONDS Jding gravity s Distri Distri 2014-15 0	200 (GOB) ewers, force r ct Located: ct(s) Served: 2015-16 0	nains, and pur 2016-17 0	np stations 8, 9 Systen 2017-18 0	PROJE(nwide 2018-19 0	CT #: 969830 FUTURE 0	TOTAI 3,88
Construction OTAL EXPENDITURES: ERRINE / CUTLER IMPROVEMENTS DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites REVENUE SCHEDULE: EPA Grant BBC GOB Financing	719 S - GENERA nd sewer impro PRIOR 3,881 2,648	100 L OBLIGATI ovements inclu 2013-14 0 5,699	100 ION BONDS Jding gravity s Distri Distri 2014-15 0 0	200 (GOB) ewers, force r ct Located: ct(s) Served: 2015-16 0 0	nains, and pur 2016-17 0 0	np stations 8, 9 Systen 2017-18 0 0	PROJE(nwide 2018-19 0 0	CT #: 969830 FUTURE 0 0	TOTAI 3,88 8,34
Construction OTAL EXPENDITURES: ERRINE / CUTLER IMPROVEMENTS DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites REVENUE SCHEDULE: EPA Grant BBC GOB Financing BBC GOB Series 2005A	719 S - GENERA nd sewer impro PRIOR 3,881 2,648 138	100 L OBLIGATI ovements inclu 2013-14 0 5,699 0	100 ION BONDS Jding gravity s Distri Distri 2014-15 0 0 0	200 (GOB) ewers, force r ct Located: ct(s) Served: 2015-16 0 0 0	nains, and pur 2016-17 0 0 0	np stations 8, 9 Systen 2017-18 0 0 0	PROJE(nwide 2018-19 0 0 0	CT #: 969830 FUTURE 0 0 0	TOTAI 3,88' 8,34' 130
Construction OTAL EXPENDITURES: ERRINE / CUTLER IMPROVEMENTS DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites EVENUE SCHEDULE: EPA Grant BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B-1	719 S - GENERA nd sewer impro 9RIOR 3,881 2,648 138 2,617	100 L OBLIGATI ovements inclu 2013-14 0 5,699 0 0 0	100 ION BONDS Jding gravity s Distri Distri 2014-15 0 0	200 (GOB) ewers, force r ct Located: ct(s) Served: 2015-16 0 0	nains, and pur 2016-17 0 0	np stations 8, 9 Systen 2017-18 0 0	PROJE(nwide 2018-19 0 0	CT #: 969830 FUTURE 0 0	TOTA 3,88 8,34 13 2,61
Construction OTAL EXPENDITURES: ERRINE / CUTLER IMPROVEMENTS DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites Various Sites EPA Grant BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B-1 BBC GOB Series 2011A	719 S - GENERA nd sewer impro 9RIOR 3,881 2,648 138 2,617 2,252	100 L OBLIGATI ovements inclu 2013-14 0 5,699 0 0 0 0 0	100 ION BONDS Joing gravity s Distri Distri 2014-15 0 0 0 0 0	200 (GOB) ewers, force r ct Located: ct(s) Served: 2015-16 0 0 0 0	nains, and pur 2016-17 0 0 0 0 0	np stations 8, 9 System 2017-18 0 0 0 0	PROJE(nwide 2018-19 0 0 0 0	CT #: 969830 FUTURE 0 0 0 0	TOTA 3,88 8,34 2,61 2,25
Construction OTAL EXPENDITURES: ERRINE / CUTLER IMPROVEMENTS 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 TOTAL REVENUES:	719 S - GENERA nd sewer impro 9RIOR 3,881 2,648 138 2,647 2,252 11,536	100 L OBLIGATI ovements inclu 2013-14 0 5,699 0 0 0 0 5,699	100 ION BONDS Juding gravity s Distri Distri 2014-15 0 0 0 0 0 0 0 0 0 0 0	200 (GOB) ewers, force r ct Located: ct(s) Served: 2015-16 0 0 0 0 0 0 0	2016-17 0 0 0 0 0 0 0	np stations 8, 9 System 2017-18 0 0 0 0 0 0 0 0	PROJE(nwide 2018-19 0 0 0 0 0 0 0	FUTURE 0 0 0 0 0 0 0 0	TOTA 3,88 8,34 13 2,61 2,25 17,23
Construction TOTAL EXPENDITURES: DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites Various Sites REVENUE SCHEDULE: EPA Grant BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2008B-1 BBC GOB Series 2011A TOTAL REVENUES: EXPENDITURE SCHEDULE:	719 S - GENERA nd sewer impro 9RIOR 3,881 2,648 138 2,617 2,252	100 L OBLIGATI ovements inclu 2013-14 0 5,699 0 0 0 0 5,699 2013-14	100 ION BONDS Joing gravity s Distri Distri 2014-15 0 0 0 0 0 0 0 0	200 (GOB) ewers, force r ct Located: ct(s) Served: 2015-16 0 0 0 0 0 0	2016-17 0 0 0 0 0	np stations 8, 9 System 2017-18 0 0 0 0 0 0	PROJE(nwide 2018-19 0 0 0 0 0 0	CT #: 969830 FUTURE 0 0 0 0 0 0	TOTA 3,88 8,34 13 2,61 2,25 17,23 TOTA
Construction TOTAL EXPENDITURES: PERRINE / CUTLER IMPROVEMENTS DESCRIPTION: Construct water ar LOCATION: Various Sites Various Sites REVENUE SCHEDULE: EPA Grant BBC GOB Financing BBC GOB Series 2005A BBC GOB Series 2005A BBC GOB Series 2011A TOTAL REVENUES: EXPENDITURE SCHEDULE: Land/Building Acquisition	719 S - GENERA nd sewer impro 3,881 2,648 138 2,617 2,252 11,536 PRIOR	100 L OBLIGATI ovements inclu 2013-14 0 5,699 0 0 0 0 5,699	100 ION BONDS Juding gravity s Distri Distri 2014-15 0 0 0 0 0 0 0 2014-15	200 (GOB) ewers, force r ct Located: ct(s) Served: 2015-16 0 0 0 0 0 0 0 0 0 0 0	2016-17 0 0 0 0 0 0 0 2016-17	np stations 8, 9 Systen 2017-18 0 0 0 0 0 0 0 2017-18	PROJE(wide 2018-19 0 0 0 0 0 0 2018-19	FUTURE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTA 3,88 8,34 13 2,61 2,25 17,23 TOTA 9
Construction TOTAL EXPENDITURES: PERRINE / CUTLER IMPROVEMENTS 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	719 S - GENERA nd sewer impro 3,881 2,648 138 2,617 2,252 11,536 PRIOR 95	100 L OBLIGATI ovements inclu 2013-14 0 5,699 0 0 0 0 5,699 2013-14 0	100 ION BONDS Juding gravity s Distri Distri 2014-15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	200 (GOB) ewers, force r ct Located: ct(s) Served: 2015-16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2016-17 0 0 0 0 2016-17 0	np stations 8, 9 Systen 2017-18 0 0 0 0 0 0 2017-18 0	PROJE(wide 2018-19 0 0 0 0 0 0 2018-19 0	FUTURE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TOTA 3,88 8,34 13 2,61 2,25

WATER TREATMENT PLANTS MISC DESCRIPTION: Upgrade water tr			-	ents			PROJE	CT #: 96109	60 🔊
LOCATION: Water Treatment	Plants		Distri	ict Located:		Syster	nwide		
Various Sites			Distri	ict(s) Served:		System	nwide		
REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Water Construction Fund	344	0	0	0	0	0	0	0	344
Water Renewal and Replacement Fund	0	10	0	0	0	0	0	0	10
Future WASD Revenue Bonds	0	0	6,274	5,010	3,000	10	3,000	0	17,294
WASD 2013 Revenue Bond	6,906	0	0	0	0	0	0	0	6,906
WASD Revenue Bonds Sold	8,920	0	0	0	0	0	0	0	8,920
TOTAL REVENUES:	16,170	10	6,274	5,010	3,000	10	3,000	0	33,474
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	1,299	969	880	702	421	1	421	0	4,693
Construction	6,081	4,541	4,118	3,289	1,969	7	1,969	0	21,974
Equipment Acquisition	1,884	1,406	1,276	1,019	610	2	610	0	6,807
TOTAL EXPENDITURES:	9,264	6,916	6,274	5,010	3,000	10	3,000	0	33,474
SOUTH MIAMI-DADE WATER TRAN	SMISSION M	AINS IMPRO	VEMENTS				PROJE	CT #: 96500	21
DESCRIPTION: Construct various	s water transmis	ssion mains to	serve south N	Viami-Dade C	ounty after the	e new South M	liami Heights	water treatment	
plant is in service					,		0		
LOCATION: South Miami-Dad	le County		Distri	ict Located:		Syster	nwide		
Various Sites			Distri	ict(s) Served:		Syster	nwide		
REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Future WASD Revenue Bonds	0	0	3.900	5.800	3.800	0	2.400	0	1 - 000
WASD 2013 Revenue Bond	500	0	0	0	-)	0	0	0	15.900
				0	0	0		0	15,900 500
WASD Future Funding	0	0	0	0	0 0	0	0	0 2,100	- ,
WASD Future Funding TOTAL REVENUES:			-			-	-	•	500
Ŭ.	0	0	0	0	0	0	0	2,100	500 2,100
TOTAL REVENUES:	0 500	0	0 3,900	0 5,800	0 3,800	0	0 2,400	2,100 2,100	500 2,100 18,500
TOTAL REVENUES:	0 500 PRIOR	0 0 2013-14	0 3,900 2014-15	5,800 2015-16	0 3,800 2016-17	0 0 2017-18	0 2,400 2018-19	2,100 2,100 FUTURE	500 2,100 18,500 TOTAL

TOTAL EXPENDITURES:

0

500

3,900

5,800

3,800

0

2,400

2,100

18,500

District(s) Served:

WATER TREATMENT PLANT - ALEXANDER ORR, JR. EXPANSION

Unincorporated Miami-Dade County

DESCRIPTION: Construct high service pumps, a 48-inch finished water line, install a new generator, and construct chlorine facilities LOCATION: 6800 SW 87 Ave District Located: 7

REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Water Renewal and Replacement Fund	605	545	0	0	0	0	0	0	1,150
Future WASD Revenue Bonds	0	0	10,454	12,769	25,612	24,515	0	0	73,350
WASD 2013 Revenue Bond	12,245	0	0	0	0	0	0	0	12,245
WASD Revenue Bonds Sold	10,302	0	0	0	0	0	0	0	10,302
WASD Future Funding	0	0	0	0	0	0	0	331,395	331,395
TOTAL REVENUES:	23,152	545	10,454	12,769	25,612	24,515	0	331,395	428,442
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	898	1,133	947	1,114	2,233	2,138	0	28,898	37,361
Construction	9,012	11,368	9,495	11,170	22,406	21,446	0	289,904	374,801
Equipment Acquisition	392	494	412	485	973	931	0	12,593	16,280
TOTAL EXPENDITURES:	10,302	12,995	10,854	12,769	25,612	24,515	0	331,395	428,442

WATER TREATMENT PLANT - HIALEAH/PRESTON IMPROVEMENTS

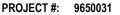
Hialeah

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

District(s) Served:

REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Water Renewal and Replacement Fund	250	0	0	0	0	0	0	0	250
Future WASD Revenue Bonds	0	0	4,850	11,800	29,147	45,226	18,353	8,512	117,888
WASD 2013 Revenue Bond	2,750	0	0	0	0	0	0	0	2,750
WASD Revenue Bonds Sold	1,100	0	0	0	0	0	0	0	1,100
TOTAL REVENUES:	4,100	0	4,850	11,800	29,147	45,226	18,353	8,512	121,988
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	PRIOR 255	2013-14 695	2014-15 1,124	2015-16 2,735	2016-17 6,756	2017-18 10,483	2018-19 4,254	FUTURE 1,973	TOTAL 28,275
Planning and Design	255	695	1,124	2,735	6,756	10,483	4,254	1,973	28,275

Estimated Annual Operating Impact will begin in FY 2018-19 in the amount of \$15,000,000



Systemwide

Systemwide

5



PROJECT #: 9650041

DESCRIPTION: Expand the Northy	west Wellfield (NWWF) slude	ie lagoon				PROJE	CT #: 96500	51
LOCATION: Systemwide		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ct Located:		12			
Various Sites			Distri	ct(s) Served:		Systen	nwide		
REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
WASD 2013 Revenue Bond	500	0	0	0	0	0	0	0	500
TOTAL REVENUES:	500	0	0	0	0	0	0	0	500
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	0	412	0	0	0	0	0	0	412
Construction	0	88	0	0	0	0	0	0	88
TOTAL EXPENDITURES:	0	500	0	0	0	0	0	0	500
WATER EQUIPMENT AND VEHICLES					and a faile		PROJE	CT #: 96501	41
DESCRIPTION: Acquire vehicles, e LOCATION: Systemwide	equipment, and	associated w	,	apital support	materials	Systen	awida		
Various Sites				ct(s) Served:		Systen			
REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Water Renewal and Replacement Fund	29,382	2013-14 2,240	2014-15 6,000	2015-16 7,000	2016-17 7,000	2017-18 7,000	2018-19 7,000	55,000	120,622
WASD Revenue Bonds Sold	53	2,240	0,000	7,000 0	7,000 0	7,000 0	,000 0	00,000	53
TOTAL REVENUES:	29,435	2,240	6,000	7,000	7,000	7,000	7,000	55,000	120,675
EXPENDITURE SCHEDULE:	PRIOR 20,968	2013-14 7,508	2014-15 9,199	2015-16 7,000	2016-17 7,000	2017-18 7,000	2018-19 7,000	FUTURE 55,000	TOTAL 120,675
Equipment Acquisition						7,000	7,000	55,000	120,675
TOTAL EXPENDITURES:	20,968	7,508	9,199	7,000	7,000	7,000	,	,	120,010
TOTAL EXPENDITURES:	ACEMENT A	ND RENOV	ATIONS			7,000	PROJEC		
TOTAL EXPENDITURES:	ACEMENT A lace water trea	ND RENOV	ATIONS cilities and str Distri			Systen Systen	PROJE		
TOTAL EXPENDITURES: VATER TREATMENT PLANTS REPL DESCRIPTION: Renovate and repl LOCATION: Water Treatment F Various Sites REVENUE SCHEDULE:	ACEMENT A lace water trea Plants PRIOR	AND RENOV tment plant fa 2013-14	ATIONS cilities and str Distri Distri 2014-15	uctures within ct Located: ct(s) Served: 2015-16	plant sites 2016-17	Systen Systen 2017-18	PROJE(nwide nwide 2018-19	CT #: 96501 FUTURE	61 TOTAL
TOTAL EXPENDITURES: VATER TREATMENT PLANTS REPL DESCRIPTION: Renovate and repl LOCATION: Water Treatment F Various Sites REVENUE SCHEDULE: Water Renewal and Replacement Fund	ACEMENT A lace water trea Plants PRIOR 10,729	AND RENOV trment plant fa 2013-14 1,474	ATIONS cilities and str Distri Distri 2014-15 2,000	uctures within ct Located: ct(s) Served: 2015-16 1,000	plant sites 2016-17 1,000	Systen Systen 2017-18 1,000	PROJE(nwide nwide 2018-19 1,000	CT #: 96501 FUTURE 0	61 TOTAL 18,203
TOTAL EXPENDITURES: VATER TREATMENT PLANTS REPL DESCRIPTION: Renovate and repl LOCATION: Water Treatment F Various Sites REVENUE SCHEDULE: Water Renewal and Replacement Fund Future WASD Revenue Bonds	ACEMENT A lace water trea Plants PRIOR 10,729 0	AND RENOV trment plant fa 2013-14 1,474 0	ATIONS cilities and str Distri Distri 2014-15 2,000 6,876	uctures within ct Located: ct(s) Served: 2015-16 1,000 6,500	plant sites 2016-17 1,000 5,049	Systen Systen 2017-18 1,000 3,045	PROJE(nwide nwide 2018-19 1,000 3,045	CT #: 96501 FUTURE 0 0	61 TOTAL 18,203 24,515
TOTAL EXPENDITURES: VATER TREATMENT PLANTS REPL. DESCRIPTION: Renovate and repl LOCATION: Water Treatment F Various Sites REVENUE SCHEDULE: Water Renewal and Replacement Fund Future WASD Revenue Bonds WASD 2013 Revenue Bond	ACEMENT A lace water trea Plants PRIOR 10,729 0 1,500	AND RENOV tment plant fa 2013-14 1,474 0 0	ATIONS cilities and str Distri 2014-15 2,000 6,876 0	uctures within ct Located: ct(s) Served: 2015-16 1,000 6,500 0	plant sites 2016-17 1,000 5,049 0	Systen Systen 2017-18 1,000 3,045 0	PROJE(nwide 2018-19 1,000 3,045 0	CT #: 96501 FUTURE 0 0 0	61 TOTAL 18,203 24,515 1,500
TOTAL EXPENDITURES: VATER TREATMENT PLANTS REPL DESCRIPTION: Renovate and repl LOCATION: Water Treatment F Various Sites REVENUE SCHEDULE: Water Renewal and Replacement Fund Future WASD Revenue Bonds WASD 2013 Revenue Bond WASD Revenue Bonds Sold	ACEMENT A lace water trea Plants PRIOR 10,729 0 1,500 310	2013-14 1,474 0 0	ATIONS cilities and str Distri 2014-15 2,000 6,876 0 0	uctures within ct Located: ct(s) Served: 2015-16 1,000 6,500 0 0	plant sites 2016-17 1,000 5,049 0 0 0	Systen Systen 2017-18 1,000 3,045 0 0	PROJE(nwide 2018-19 1,000 3,045 0 0	CT #: 96501 FUTURE 0 0 0 0	61 TOTAL 18,203 24,515 1,500 310
TOTAL EXPENDITURES: VATER TREATMENT PLANTS REPL DESCRIPTION: Renovate and repl LOCATION: Water Treatment F Various Sites REVENUE SCHEDULE: Water Renewal and Replacement Fund Future WASD Revenue Bonds WASD 2013 Revenue Bond WASD Revenue Bonds Sold TOTAL REVENUES:	ACEMENT A lace water trea Plants PRIOR 10,729 0 1,500 310 12,539	2013-14 1,474 0 0 1,474	ATIONS cilities and str Distri 2014-15 2,000 6,876 0 0 8,876	uctures within ct Located: ct(s) Served: 2015-16 1,000 6,500 0 0 7,500	plant sites 2016-17 1,000 5,049 0 0 0 6,049	System System 2017-18 1,000 3,045 0 0 4,045	PROJE(nwide 2018-19 1,000 3,045 0 0 4,045	CT #: 96501 FUTURE 0 0 0 0	61 TOTAL 18,203 24,515 1,500 310 44,528
TOTAL EXPENDITURES: VATER TREATMENT PLANTS REPL DESCRIPTION: Renovate and repl LOCATION: Water Treatment F Various Sites REVENUE SCHEDULE: Water Renewal and Replacement Fund Future WASD Revenue Bonds WASD 2013 Revenue Bond WASD Revenue Bonds Sold TOTAL REVENUES: EXPENDITURE SCHEDULE:	ACEMENT A lace water trea Plants PRIOR 10,729 0 1,500 310 12,539 PRIOR	2013-14 1,474 0 0 1,474 2013-14	ATIONS cilities and str Distri 2014-15 2,000 6,876 0 0 8,876 2014-15	uctures within ct Located: ct(s) Served: 2015-16 1,000 6,500 0 0 7,500 2015-16	plant sites 2016-17 1,000 5,049 0 0 6,049 2016-17	System System 2017-18 1,000 3,045 0 0 4,045 2017-18	PROJE(nwide 2018-19 1,000 3,045 0 0 4,045 2018-19	CT #: 96501 FUTURE 0 0 0 FUTURE	61 TOTAL 18,203 24,515 1,500 310 44,528 TOTAL
TOTAL EXPENDITURES: VATER TREATMENT PLANTS REPL DESCRIPTION: Renovate and repl LOCATION: Water Treatment F Various Sites REVENUE SCHEDULE: Water Renewal and Replacement Fund	ACEMENT A lace water trea Plants PRIOR 10,729 0 1,500 310 12,539	2013-14 1,474 0 0 1,474	ATIONS cilities and str Distri 2014-15 2,000 6,876 0 0 8,876	uctures within ct Located: ct(s) Served: 2015-16 1,000 6,500 0 0 7,500	plant sites 2016-17 1,000 5,049 0 0 0 6,049	System System 2017-18 1,000 3,045 0 0 4,045	PROJE(nwide 2018-19 1,000 3,045 0 0 4,045	CT #: 96501 FUTURE 0 0 0 0	61 TOTAL 18,203 24,515 1,500 310 44,528

WATER SYSTEM MAINTENANCE AN DESCRIPTION: Maintain and deve		-	cilities, structu	ires, and equi	pment		PROJE	CT #: 96501	81
LOCATION: Systemwide Various Sites		·		ct Located: ct(s) Served:		Syster Syster			
	22102		001115	0015 10	004047	0017.10			
REVENUE SCHEDULE: Water Renewal and Replacement Fund	PRIOR 28,785	2013-14 14,548	2014-15 24,346	2015-16 25,000	2016-17 25,000	2017-18 25,000	2018-19 25,000	FUTURE 162,500	TOTAI 330,179
WASD Revenue Bonds Sold	6,593	0-0,14	24,340	23,000	23,000	23,000	23,000	102,500	6,59
TOTAL REVENUES:	35,378	14,548	24,346	25,000	25,000	25,000	25,000	162,500	336,77
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	ΤΟΤΑ
Planning and Design	1,348	906	1,593	1,295	1,295	1,295	1,295	8,418	17,44
Construction	24,680	16,579	29,166	23,705	23,705	23,705	23,705	154,082	319,32
TOTAL EXPENDITURES:	26,028	17,485	30,759	25,000	25,000	25,000	25,000	162,500	336,77
GRAVITY SEWER RENOVATIONS DESCRIPTION: Rehabilitate gravit	v sewers to re	duce infiltratio	n and inflow				PROJE	CT #: 96502	201
LOCATION: Systemwide				ct Located:		Syster	nwide		
Various Sites				ct(s) Served:		Syster			
REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	ΤΟΤΑ
Wastewater Renewal Fund	9,016	0	0	0	0	0	0	0	9,01
Future WASD Revenue Bonds WASD 2013 Revenue Bond	0 7,200	0 0	1,000 0	3,403 0	4,000 0	1,458 0	0	0 0	9,80 7,20
WASD Revenue Bonds Sold	492	0	0	0	0	0	0	0	49
OTAL REVENUES:	16,708	0	1,000	3,403	4,000	1,458	0	0	26,5
XPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTA
Construction	9,508	4,700	3,500	3,403	4,000	1,458	0	0	26,56
OTAL EXPENDITURES:	9,508	4,700	3,500	3,403	4,000	1,458	0	0	26,50
ANITARY SEWER SYSTEM IMPRON DESCRIPTION: Construct sanitary LOCATION: Systemwide Various Sites	-	n improvement	Distri	from the spec ct Located: ct(s) Served:	ial constructio	on fund includi Syster Syster	nwide		221
REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	τοτΑ
Wastewater Connection Charges	2,636	0	0	0	0	0	0	0	2,63
Wastewater Special Construction Fund	1,346	300	400	500	500	500	500	0	4,04
WASD Revenue Bonds Sold	53	0	0	0	0	0	0	0	!
OTAL REVENUES:	4,035	300	400	500	500	500	500	0	6,7
XPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOT
Planning and Design	162	12	16	20	20	20	20	0	2
Construction	3,873	288	384	480	480	480	480	0	6,4
TOTAL EXPENDITURES:	4,035	300	400	500	500	500	500	0	6,

CENTRAL MIAMI-DADE WASTEWATER TRANSMISSION MAINS AND PUMP STATION

IMPROVEMENTS

TOTAL EXPENDITUR		1,328	3,242	4,789	14,175	15,623	18,055	3,278	100,828	161,318
Equipment Acquisition	I	53	130	191	567	624	722	131	4,033	6,451
Construction		1,169	2,853	4,214	12,474	13,751	15,889	2,885	88,729	141,964
Planning and Design		53	130	192	567	624	722	131	4,033	6,452
Land/Building Acquisit	ion	53	129	192	567	624	722	131	4,033	6,451
EXPENDITURE SCHE	DULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
TOTAL REVENUES:		1,767	2,803	8,507	13,042	13,038	18,055	3,278	100,828	161,318
WASD Future Funding]	0	0	0	0	0	0	0	100,828	100,828
WASD Revenue Bond	ls Sold	1,328	0	0	0	0	0	0	0	1,328
WASD 2013 Revenue	Bond	181	0	0	0	0	0	0	0	181
Future WASD Revenu	e Bonds	0	0	1,347	5,542	4,286	16,472	3,278	0	30,925
Wastewater Renewal	-	258	864	0	0	0	0	0	0	1,122
Wastewater Connection	on Charges	0	1,939	7,160	7,500	8,752	1,583	0	0	26,934
REVENUE SCHEDULE	E	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
	City of Miami			Distri	ct(s) Served:		System	nwide		
LOCATION:	Wastewater Sys				ct Located:		System	nwide		
DESCRIPTION.	Beach to the Ce	•			ayler St II UIII v	5W 57 AVE 10	SW 10 AVE, 2			
DESCRIPTION:	Construct a force	o main crossing	Poor Cut o fo	roo main in El	aglor St from 9	SIM 37 Avo to	SW/ 10 Avo o	and a force m	ain from Miami	

Estimated Annual Operating Impact will begin in FY 2018-19 in the amount of \$2,253,000

WATER GENERAL MAINTENANCE AND OFFICE FACILITIES

PROJECT #: 9650271

FUTURE

PROJECT #: 9650241

5

0

TOTAL

e æs			ct Located: ct(s) Served:		lses Systemwide Systemwide		
PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	
	tes	tes	tes Distri PRIOR 2013-14 2014-15	tes District(s) Served: PRIOR 2013-14 2014-15 2015-16	tes District(s) Served: PRIOR 2013-14 2014-15 2015-16 2016-17	tes District(s) Served: System	

Future WASD Revenue Bonds	0	0	1,742	7,622	8,150	10,814	13,550	8,829	50,707
WASD 2013 Revenue Bond	50	0	0	0	0	0	0	0	50
WASD Future Funding	0	0	0	0	0	0	0	23,500	23,500
TOTAL REVENUES:	50	0	1,742	7,622	8,150	10,814	13,550	32,329	74,257
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Land/Building Acquisition	0	2	82	359	384	510	638	1,522	3,497
Planning and Design	0	3	101	444	475	630	790	1,885	4,328
Construction	0	45	1,559	6,818	7,291	9,674	12,122	28,923	66,432
TOTAL EXPENDITURES:	0	50	1,742	7,621	8,150	10,814	13,550	32,330	74,257

DESCRIPTION:	Acquire vehicles,		d associated v	-		upport materia		PROJE	CT #: 96503	801
LOCATION:	Systemwide Various Sites				ct Located: ct(s) Served:		Systen Systen			
REVENUE SCHEDULE	:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Renewal F	und	28,942	10,837	9,000	8,000	8,000	8,000	8,000	59,980	140,759
TOTAL REVENUES:		28,942	10,837	9,000	8,000	8,000	8,000	8,000	59,980	140,759
EXPENDITURE SCHED	DULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	
Equipment Acquisition TOTAL EXPENDITURE		23,175 23,175	16,604 16,604	9,000 9,000	8,000 8,000	8,000 8,000	8,000 8,000	8,000 8,000	59,980 59.980	140,759 140,75 9
		20,110	10,004	3,000	0,000	0,000	0,000	0,000	00,000	140,100
NASTEWATER SYS								PROJE	CT #: 96503	61
DESCRIPTION: LOCATION:	Maintain and deve Systemwide Various Sites	elop existing wa	astewater syst	Distri	structures, and ct Located: ct(s) Served:	d equipment	Systen Systen			
REVENUE SCHEDULE		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Renewal F WASD Revenue Bonds		25,931 2,796	7,717 0	20,000 0	20,000 0	20,000 0	20,000 0	20,000 0	162,500 0	296,148
TOTAL REVENUES:	-	2,790	7,717	20,000	20,000	20,000	20,000	20,000	162,500	2,796 298,94 4
EXPENDITURE SCHED	N.II E.	PRIOR	2013-14	20,000	20,000	20,000	20,000	20,000	FUTURE	TOTAL
Planning and Design	JOLE:	3,531	2013-14 1,775	3,629	3,166	3,166	3,166	3,166	25,724	47,32
Construction		18,775	9,438	19,296	16,834	16,834	16,834	16,834	136,776	251,62
TOTAL EXPENDITURE		22,306	11,213	22,925	20,000	20,000	20,000	20,000	162,500	298,944
.IFT STATION UPGF DESCRIPTION: LOCATION:	RADES AND STR Repair, replace, a Systemwide Various Sites			ons throughout Distri		ter system	Systen Systen		CT #: 96503	971
REVENUE SCHEDULE Wastewater Renewal F		PRIOR 8,700	2013-14 2,674	2014-15 2,000	2015-16 2,000	2016-17 2,000	2017-18 2,000	2018-19 1,725	FUTURE 0	TOTAI 21,099
		0,700	2,014	11,056	11,791	13,241	8,213	0	0	44,30
Future WASD Revenue		5,072	0	0	0	0	0	0	0	5,072
WASD 2013 Revenue							0	0	0	
WASD 2013 Revenue WASD Revenue Bonds		1,857	0	0	0	0				
WASD 2013 Revenue WASD Revenue Bonds FOTAL REVENUES:	s Sold	15,629	2,674	13,056	13,791	15,241	10,213	1,725	0	72,32
WASD 2013 Revenue WASD Revenue Bonds TOTAL REVENUES: EXPENDITURE SCHED	s Sold	15,629 PRIOR	2,674 2013-14	13,056 2014-15	13,791 2015-16	15,241 2016-17	10,213 2017-18	1,725 2018-19	0 FUTURE	1,857 72,329 TOTAL
WASD 2013 Revenue	s Sold	15,629	2,674	13,056	13,791	15,241	10,213	1,725	0	72,32

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 m	nain extensions	funded from	·		d, including sp	-			-
LOCATION:	Systemwide Various Sites				ct Located: ct(s) Served:		Syster Syster			
	Various Siles			DISU	ci(s) Serveu.		Syster	IIWIQE		
REVENUE SCHEDULE	=.	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Water Special Constru		5,781	1,000	1,000	1,000	1,000	2,000	2,000	0	13,781
TOTAL REVENUES:	-	5,781	1,000	1,000	1,000	1,000	2,000	2,000	0	13,781
EXPENDITURE SCHEI	DULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Construction	_	5,781	1,000	1,000	1,000	1,000	2,000	2,000	0	13,781
TOTAL EXPENDITURE	ES:	5,781	1,000	1,000	1,000	1,000	2,000	2,000	0	13,781
										,
SOUTH DISTRICT W	ASTEWATER TH	RANSMISSIC	ON MAINS A	ND PUMP S	TATIONS			PROJE	CT #: 96510	61 🔊
DESCRIPTION:	Construct piping in					in upgrade in				
LOCATION:	Wastewater Syste Various Sites	em - South Dist	rict Area		ct Located: ct(s) Served:		Syster Syster			
	Various Siles			Distri	ci(s) Served.		Syster	nwide		
REVENUE SCHEDULE	=.	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Connection		968	2013-14	2014-15	2013-10	0	0	2010-19	0	968
Future WASD Revenu	e Bonds	0	0	5,430	3,200	3,800	6,622	0	0	19,052
WASD 2013 Revenue		1,050	0	0	0	0	0	0	0	1,050
WASD Revenue Bond	is Sold =	172	0	0	0	0	0	0	0	172
TOTAL REVENUES:		2,190	0	5,430	3,200	3,800	6,622	0	0	21,242
EXPENDITURE SCHEI Planning and Design	DULE:	PRIOR 45	2013-14 42	2014-15 217	2015-16 128	2016-17 151	2017-18 264	2018-19 0	FUTURE 0	TOTAL 847
Construction		749	689	3,565	2,101	2,495	4,347	0	0	13,946
Equipment Acquisition		346	319	1,648	971	1,154	2,011	0	0	6,449
TOTAL EXPENDITURE	ES:	1,140	1,050	5,430	3,200	3,800	6,622	0	0	21,242
PUMP STATION IMP	PROVEMENTS PI	ROGRAM						PROJE	CT #: 96510	71 🐚
DESCRIPTION:	Upgrade pump sta	ations systemw	vide to meet fo				Curtor			
LOCATION:	Systemwide Various Sites				ct Located: ct(s) Served:		Syster Syster			
REVENUE SCHEDULE	E:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Connection	•	3,419	0	0	0	0	0	0	0	3,419
Wastewater Renewal I		1,410	0	0	0	0	0	0	0	1,410
Future WASD Revenu WASD 2013 Revenue		0 82,600	0 0	0	50,000 0	25,000 0	25,000 0	0 0	0 0	100,000 82,600
WASD 2013 Revenue Bond		10,190	0	0	0	0	0	0	0	10,190
TOTAL REVENUES:		97,619	0	0	50,000	25,000	25,000	0	0	197,619
EXPENDITURE SCHEI	DULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design		2,379	2,788	10,296	7,920	3,960	3,960	0	0	31,303
Construction	-	12,640	14,812	54,704	42,080	21,040	21,040	0	0	166,316
TOTAL EXPENDITURE	ES:	15,019	17,600	65,000	50,000	25,000	25,000	0	0	197,619

WATER ENGINEERII DESCRIPTION: LOCATION:	NG STUDIES Conduct engineer Systemwide	ring studies to f	acilitate impro		ater treatment ct Located:	plants, wellfie	elds, transmiss Syster			01
	Various Sites			Distri	ct(s) Served:		Syster			
REVENUE SCHEDULE	:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
WASD 2013 Revenue I	Bond	25	0	0	0	0	0	0	0	25
WASD Revenue Bonds	Sold	225	0	0	0	0	0	0	0	225
TOTAL REVENUES:		250	0	0	0	0	0	0	0	250
EXPENDITURE SCHED Planning and Design	OULE:	PRIOR 225	2013-14 25	2014-15 0	2015-16 0	2016-17 0	2017-18 0	2018-19 0	FUTURE 0	TOTAL 250
TOTAL EXPENDITURE	S:	225	25	0	0	0	0	0	0	250
PUMP STATION GEN	IERATORS ANI) MISCELLAI	NEOUS UPO	RADES				PROJE	CT #: 96520	02 🖣
DESCRIPTION:	Install emergency	generators an	d construct mi	scellaneous u	pgrades at wa	astewater pur	p stations			_
LOCATION:	Systemwide	-		Distri	ct Located:		Syster	nwide		
	Various Sites			Distri	ct(s) Served:		Syster	nwide		
REVENUE SCHEDULE	:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Future WASD Revenue	Bonds	0	0	3,714	6,160	13,403	10,366	2,760	0	36,403
WASD 2013 Revenue I WASD Revenue Bonds		1,064 1,100	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1,064 1,100
TOTAL REVENUES:	=	2,164	0	3,714	6,160	13,403	10,366	2,760	0	38,567
EXPENDITURE SCHED	OULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design		62	59	207	343	747	577	154	0	2,149
Construction		1,039	1,004	3,507	5,817	12,656	9,789	2,606	0	36,418
TOTAL EXPENDITURE	S:	1,101	1,063	3,714	6,160	13,403	10,366	2,760	0	38,567
WASTEWATER TRE				OFMENTO				PROJE	CT #: 96520	02
DESCRIPTION:	Construct facilitie				ns at wastew:	ater treatment	nlants	PROJEC	JI#. 90020	03
LOCATION:	Systemwide				ct Located:		Syster	nwide		
	Various Sites			Distri	ct(s) Served:		Syster	nwide		
REVENUE SCHEDULE		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Connection		1,097	2013-14	2014-13	2013-10	2010-17	0	2010-19	0	1,097
Future WASD Revenue	0	0	0	2,061	4,482	2,577	0	0	0	9,120
WASD 2013 Revenue I	Bond	2,000	0	0	0	0	0	0	0	2,000
WASD Revenue Bonds	s Sold	457	0	0	0	0	0	0	0	457
TOTAL REVENUES:	-	3,554	0	2,061	4,482	2,577	0	0	0	12,674
EXPENDITURE SCHED	OULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design		108	36	249	314	180	0	0	0	887
Construction		507	171	1,175	1,479	851	0	0	0	4,183
Equipment Acquisition	-	921	311	2,137	2,689	1,546	0	0	0	7,604
TOTAL EXPENDITURE	S:	1,536	518	3,561	4,482	2,577	0	0	0	12,674

DESCRIPTION:	TMENT PLANT Upgrade wastewa				uirements			PROJE	CT #: 96520	61
	Wastewater Treat Various Sites	ment Plants			ct Located: ct(s) Served:		Systen Systen			
REVENUE SCHEDULE:		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTA
Future WASD Revenue		0	0	2,954	4,687	909	0	0	0	8,55
WASD 2013 Revenue B	ond	700	0	0	0	0	0	0	0	70
WASD Future Funding	=	0	0	0	0	0	0	0	7,500	7,50
OTAL REVENUES:		700	0	2,954	4,687	909	0	0	7,500	16,75
EXPENDITURE SCHEDI	JLE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTA
Planning and Design Construction		0 0	42 630	177 2,659	281 4,218	55 818	0 0	0	450 6,750	1,00 15,07
Equipment Acquisition		0	28	2,039	4,210	36	0	0	300	67
		0	700	2,954	4,687	909	0	0	7,500	16,75
LOCATION:	Improve pump sta Wastewater Syste Various Sites			Distri	ct Located: ct(s) Served:		Syster Syster			
EVENUE SCHEDULE:		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	ΤΟΤΑ
Wastewater Connection	Charges	1,912	944	3,564	4,500	2,602	0	0	0	13,52
Future WASD Revenue		0	0	1,465	0	2,493	19,437	0	0	23,39
WASD 2013 Revenue B		2,128	0	0	0	0	0	0	0	2,12
WASD Revenue Bonds	Sold	400 0	0 0	0	0 0	0 0	0 0	0	0 36,482	40 36,48
WASD Future Funding OTAL REVENUES:	-	-	944	Ţ	-		-	0	,	,
		4,440		5,029	4,500	5,095	19,437		36,482	75,92
XPENDITURE SCHED	JLE:	PRIOR 400	2013-14 3,984	2014-15 5,029	2015-16 5,500	2016-17 5.095	2017-18 19,437	2018-19 0	FUTURE 36,482	TOT 75,92
		400	3,984	5,029	5,500	5,095	19,437	0	36,482	75,92
Estimated Ar	nnual Operating Im	pact will begin	,	,	,	,	-, -			- , -
LOCATION:	METERING SYS Install a computer Systemwide Various Sites		nitor and contr	Distri	flows and pre ct Located: ct(s) Served:	essures at vari	ous pump sta Syster Syster	nwide	CT #: 96524	81
REVENUE SCHEDULE:		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	ΤΟΤΑ
		2,270	0	0	0	0	0	0	0	2,27
Wastewater Renewal Fu	Bonds	0	0	700	700	872	0	0	0	2,27
Future WASD Revenue	0.11		0	0	0	0	0	0	0	1,08
Future WASD Revenue WASD Revenue Bonds	Sold	1,082					-	-	•	
Future WASD Revenue WASD Revenue Bonds OTAL REVENUES:	=	3,352	0	700	700	872	0	0	0	
Future WASD Revenue WASD Revenue Bonds OTAL REVENUES: XPENDITURE SCHEDI	=	3,352 PRIOR	0 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	5,62 TOTA
Future WASD Revenue WASD Revenue Bonds OTAL REVENUES:	=	3,352	0				-	-	-	-

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

SOUTH MIAMI HEIGHTS WATER TREATMENT PLANT AND WELLFIELD

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

 LOCATION:
 11800 SW 208 St
 District Located:
 9

Unincorporate	ed Miami-Dade Cou	unty	Distri	ict(s) Served:		Syster	nwide		
REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Water Connection Charges	9,806	379	0	0	0	0	0	0	10,185
Fire Hydrant Fund	1,000	0	0	0	0	0	0	0	1,000
Water Construction Fund	1,917	0	0	0	0	0	0	0	1,917
Future WASD Revenue Bonds	0	0	3,630	42,877	28,036	3,719	0	0	78,262
WASD 2013 Revenue Bond	23,445	0	0	0	0	0	0	0	23,445
WASD Revenue Bonds Sold	10,676	0	0	0	0	0	0	0	10,676
WASD Future Funding	0	0	0	0	0	0	0	63,600	63,600
TOTAL REVENUES:	46,844	379	3,630	42,877	28,036	3,719	0	63,600	189,085
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	1,287	148	1,398	2,388	1,561	207	0	3,543	10,532
Construction	21,816	2,513	23,692	40,489	26,474	3,512	0	60,057	178,553
TOTAL EXPENDITURES:	23,103	2,661	25,090	42,877	28,035	3,719	0	63,600	189,085

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:

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

REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Renewal Fund	1,558	1	0	0	0	0	0	0	1,559
Future WASD Revenue Bonds	0	0	9,450	16,175	10,700	24,433	4,000	4,022	68,780
WASD 2013 Revenue Bond	2,500	0	0	0	0	0	0	0	2,500
WASD Future Funding	0	0	0	0	0	0	0	74,500	74,500
TOTAL REVENUES:	4.058	1	9,450	16,175	10,700	24,433	4,000	78,522	147,339
	.,	-	-,		,		,	,-==	
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
EXPENDITURE SCHEDULE: Land/Building Acquisition	,	2013-14 125	,	,	-,	2017-18 1,222	,	,	TOTAL 7,368
	PRIOR		2014-15	2015-16	2016-17		2018-19	FUTURE	
Land/Building Acquisition	PRIOR 78	125	2014-15 473	2015-16 809	2016-17 535	1,222	2018-19 200	FUTURE 3,926	7,368

District Located:

District(s) Served:

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

PROJECT #: 9652821

PROJECT #: 9653201

Systemwide

Systemwide

21 🔊

DESCRIPTION: Re	novate and repla		or troatmont n	lant facilities o	nd structures	within plant ci	tes	PROJE		201
	stemwide		er treatment p		ct Located:	within plant si	Systen	nwide		
,	rious Sites				ct(s) Served:		Syster			
REVENUE SCHEDULE:		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTA
Wastewater Renewal Fund		14,760	12,601	6,000	7,000	7,000	7,000	7,000	0	61,36
Future WASD Revenue Bor		0	0	4,289	4,288	4,289	4,289	5,434	0	22,58
WASD 2013 Revenue Bond		3,680	0	0	0	0	0	0	0	3,68
WASD Revenue Bonds Sol	d	637	0	0	0	0	0	0	0	63
WASD Future Funding		0	0	0	0	0	0	0	5,165	5,16
OTAL REVENUES:		19,077	12,601	10,289	11,288	11,289	11,289	12,434	5,165	93,43
XPENDITURE SCHEDULE	:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTA
Planning and Design		2,067	3,048	1,693	1,831	1,831	1,831	2,017	838	15,15
Construction		10,678	15,741	8,741	9,457	9,458	9,457	10,417	4,327	78,27
OTAL EXPENDITURES:		12,745	18,789	10,434	11,288	11,289	11,288	12,434	5,165	93,43
ANITARY SEWER SYS			di sel se di se se di di					PROJE	CT #: 9653	281
	end sewer syste	ern lines to inc	ciude the exist		wer needs as ct Located:	sessment	Curat-	nuido		
	stemwide rious Sites				ct Located: ct(s) Served:		Syster Syster			
Va	nous Siles			DISUI	ci(s) Served.		System	IIWIUE		
EVENUE SCHEDULE:		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	ΤΟΤΑ
Nastewater Renewal Fund		17,954	100	0	0	0	0	0	0	18,0
Future WASD Revenue Bo		0	0	1,835	2,113	2,113	2,113	4,113	392,038	404,32
WASD 2013 Revenue Bond		4,818	0	0	_,0	0	0	0	0	4,81
WASD Revenue Bonds Sol		2,447	0	0	0	0	0	0	0	2,44
OTAL REVENUES:	_	25,219	100	1,835	2,113	2,113	2,113	4,113	392,038	429,64
XPENDITURE SCHEDULE		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTA
Planning and Design		2,199	530	198	228	228	228	443	42,261	46,3 ²
Construction		18,202	4,388	1,637	1,885	1,885	1,886	3,669	349,777	383,32
OTAL EXPENDITURES:		20,401	4,918	1,835	2,113	2,113	2,114	4,112	392,038	429,64
DESCRIPTION: Ins	SYSTEM EXT tall various wate			-	2			PROJE	CT #: 9653	311
	stemwide		griout the dist	•	ct Located:		Syster	nwide		
· · · · · · · · · · · · · · · · · · ·	rious Sites				ct(s) Served:		Syster			
		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTA
		36,938	9,183	2,000	2,000	2,000	2,000	2,000	1,475,000	1,531,12
Water Renewal and Replac			0	14,786	39,550	21,990	27,521	24,426	47,199	175,47
Water Renewal and Replac Future WASD Revenue Bo	nds	0			0	0	0	0	0	39,48
Water Renewal and Replac Future WASD Revenue Bor WASD 2013 Revenue Bor	nds 1	39,480	0	0	0					
Water Renewal and Replac Future WASD Revenue Bor WASD 2013 Revenue Bor	nds 1	39,480 10,731	0 0	0	0	0	0	0	0	
Nater Renewal and Replac Future WASD Revenue Bon NASD 2013 Revenue Bond NASD Revenue Bonds Sol	nds 1	39,480 10,731 87,149	0					0 26,426	0 1,522,199	1,756,8
Water Renewal and Replac Future WASD Revenue Bon WASD 2013 Revenue Bond WASD Revenue Bonds Sol OTAL REVENUES:	nds J d	39,480 10,731 87,149 PRIOR	0 0 9,183 2013-14	0 16,786 2014-15	0 41,550 2015-16	0 23,990 2016-17	0 29,521 2017-18	26,426 2018-19	1,522,199 FUTURE	1,756,8 TOTA
Water Renewal and Replac Future WASD Revenue Bon WASD 2013 Revenue Bonds WASD Revenue Bonds Sol OTAL REVENUES: EXPENDITURE SCHEDULE Planning and Design	nds J d	39,480 10,731 87,149 PRIOR 6,062	0 0 9,183 2013-14 3,304	0 16,786 2014-15 5,487	0 41,550 2015-16 5,456	0 23,990 2016-17 3,150	0 29,521 2017-18 3,876	26,426 2018-19 3,470	1,522,199 FUTURE 199,865	1,756,8 TOTA 230,67
REVENUE SCHEDULE: Water Renewal and Replac Future WASD Revenue Bon WASD 2013 Revenue Bonds Sol WASD Revenue Bonds Sol TOTAL REVENUES: EXPENDITURE SCHEDULE Planning and Design Construction	nds J d	39,480 10,731 87,149 PRIOR	0 0 9,183 2013-14	0 16,786 2014-15	0 41,550 2015-16	0 23,990 2016-17	0 29,521 2017-18	26,426 2018-19	1,522,199 FUTURE	10,73 1,756,80 TOTA 230,67 1,526,13

PROJECT #: 9653261

5

WASTEWATER TREATMENT PLANTS REPLACEMENT AND RENOVATION

Various Sites			Distri	ct(s) Served:		Syster	nwide		
REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Connection Charges	22,061	937	0	0	0	0	0	0	22,998
Wastewater Renewal Fund	16,473	0	0	0	0	0	0	0	16,473
Future WASD Revenue Bonds	0	0	61,448	33,817	122,363	204,364	190,547	207,927	820,466
WASD 2013 Revenue Bond	813	0	0	0	0	0	0	0	813
WASD Revenue Bonds Sold	644	0	0	0	0	0	0	0	644
WASD Future Funding	0	0	0	0	0	0	0	6,000	6,000
TOTAL REVENUES:	39,991	937	61,448	33,817	122,363	204,364	190,547	213,927	867,394
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	2,137	1,614	6,070	3,308	11,796	19,700	18,369	20,622	83,616
Construction	20,036	15,136	56,889	31,003	110,567	184,664	172,178	193,305	783,778
TOTAL EXPENDITURES:	22,173	16,750	62,959	34,311	122,363	204,364	190,547	213,927	867,394

District Located:

DESCRIPTION: Evaluate and construct alternatives for peak flow management facilities and associated infrastructure

CORROSION CONTROL FACILITIES IMPROVEMENTS

Systemwide

Various Sites

DESCRIPTION:

LOCATION:

PEAK FLOW MANAGEMENT FACILITIES

Systemwide

LOCATION:

Construct corrosion control facilities and force mains; renovate structures at wastewater treatment plants and pump stations; and restore sewer mains District Located: Systemwide

REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Renewal Fund	115	0	0	0	0	0	0	0	115
Future WASD Revenue Bonds	0	0	1,000	1,500	3,000	2,000	0	0	7,500
WASD Revenue Bonds Sold	9,461	0	0	0	0	0	0	0	9,461
TOTAL REVENUES:	9,576	0	1,000	1,500	3,000	2,000	0	0	17,076
TOTAL REVENUES: EXPENDITURE SCHEDULE:	9,576 PRIOR	0 2013-14	1,000 2014-15	1,500 2015-16	3,000 2016-17	2,000 2017-18	0 2018-19	0 FUTURE	17,076 TOTAL
	- ,		,	,	-,	,	0 2018-19 0	-	,
EXPENDITURE SCHEDULE:	PRIOR		2014-15	2015-16	2016-17	2017-18	0 2018-19 0 0	FUTURE	TOTAL

District(s) Served:

136



PROJECT #: 9653371

Systemwide

Systemwide

PROJECT #: 9653381

SOUTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

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	as pipelille, ill		ct Located:		8 8		5	
Unincorpo	prated Miami-Dade Cou	unty	Distri	ct(s) Served:		Systen	nwide		
REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Connection Charges	13,500	0	0	0	0	0	0	0	13,500
Wastewater Renewal Fund	3,296	2,206	0	0	0	0	0	0	5,502
Future WASD Revenue Bonds	0	0	2,280	450	0	11,250	0	0	13,980
WASD 2013 Revenue Bond	250	0	0	0	0	0	0	0	250
WASD Revenue Bonds Sold	10,998	0	0	0	0	0	0	0	10,998
WASD Future Funding	0	0	0	0	0	0	0	182,500	182,500
TOTAL REVENUES:	28,044	2,206	2,280	450	0	11,250	0	182,500	226,730
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	15,013	4,545	6,148	356	0	8,890	0	144,211	179,163
Construction	3,986	1,206	1,632	94	0	2,360	0	38,289	47,567
TOTAL EXPENDITURES:	18,999	5,751	7,780	450	0	11,250	0	182,500	226,730

NORTH DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

PROJECT #: 9653411

DESCRIPTION: Construct a chlorine improvement process, replace sluice gates in the pre-treatment bar screen room, and provide for various upgrades and rehabilitation of the plant LOCATION: 2575 NE 151 St District Located: 4 Systemwide North Miami District(s) Served: **REVENUE SCHEDULE:** PRIOR 2013-14 2014-15 2015-16 2016-17 2017-18 2018-19 FUTURE TOTAL Wastewater Renewal Fund 2,484 0 0 2.484 0 0 0 0 0 Future WASD Revenue Bonds 0 0 2,236 2,308 6,993 556 0 0 12,093 0 WASD 2013 Revenue Bond 1,404 0 0 0 0 0 0 1,404 WASD Revenue Bonds Sold 1,000 0 0 0 0 0 0 0 1,000 TOTAL REVENUES: 4,888 0 2,236 2,308 6,993 556 0 0 16,981 TOTAL **EXPENDITURE SCHEDULE:** PRIOR 2013-14 2014-15 2015-16 2016-17 2017-18 2018-19 FUTURE Planning and Design 263 106 169 175 529 42 0 1,284 0 2,013 6,295 Construction 3,137 1,264 2,077 500 0 0 15,286 0 0 Equipment Acquisition 84 34 54 56 169 14 411 TOTAL EXPENDITURES: 3,484 1,404 2,236 2,308 6,993 556 0 0 16,981

PROJECT #: 9653401

5

CENTRAL DISTRICT UPGRADES - WASTEWATER TREATMENT PLANT

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:	Stations 1 and 2 Virginia Key City of Miami				ict Located: ict(s) Served:		7 Syster	nwide		
REVENUE SCHEDULI	E:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Renewal	Fund	2,689	0	0	0	0	0	0	0	2,689
Future WASD Revenu	ue Bonds	0	0	11,260	8,160	4,788	5,710	4,700	0	34,618
WASD 2013 Revenue	Bond	2,464	0	0	0	0	0	0	0	2,464
WASD Revenue Bond	ds Sold	300	0	0	0	0	0	0	0	300
WASD Future Funding	g	0	0	0	0	0	0	0	453,430	453,430
TOTAL REVENUES:	_	5,453	0	11,260	8,160	4,788	5,710	4,700	453,430	493,501
EXPENDITURE SCHE	DULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design		243	246	1,009	731	429	512	421	40,627	44,218
Construction		2,468	2,496	10,251	7,429	4,359	5,198	4,279	412,803	449,283
TOTAL EXPENDITUR	ES:	2,711	2,742	11,260	8,160	4,788	5,710	4,700	453,430	493,501
Estimated	Annual Operating Im	npact will begir	n in FY 2015-1	6 in the amou	nt of \$200,000)				
WATER SYSTEM FI DESCRIPTION:	RE HYDRANT INS		-	am improveme	inte			PROJE	CT #: 96534	461 🖷
LOCATION:	Systemwide			•	ict Located:		Syster	nwide		
Lookinon	Various Sites				ict(s) Served:		Syster			
							·			
	F.		2012 14	2014 15	2015 16	2016 17	2017 10	2010 10	CUTUDE	тот

REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Fire Hydrant Fund	11,825	2,000	2,500	2,500	2,500	2,500	3,000	6,717	33,542
TOTAL REVENUES:	11,825	2,000	2,500	2,500	2,500	2,500	3,000	6,717	33,542
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	1,065	193	241	241	241	241	289	723	3,234
Construction	9,977	1,807	2,259	2,259	2,259	2,259	2,711	6,777	30,308
TOTAL EXPENDITURES:	11,042	2,000	2,500	2,500	2,500	2,500	3,000	7,500	33,542

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

REVENUE SCHEDULE: Future WASD Revenue Bonds WASD Revenue Bonds Sold	PRIOR 0 2,690	2013-14 0 0	2014-15 692 0	2015-16 3,581 0	2016-17 2,732 0	2017-18 0 0	2018-19 0 0	FUTURE 0 0	TOTAL 7,005 2,690
TOTAL REVENUES:	2,690	0	692	3,581	2,732	0	0	0	9,695
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	322	0	83	428	326	0	0	0	1,159
Construction	2,368	0	609	3,153	2,406	0	0	0	8,536
TOTAL EXPENDITURES:	2,690	0	692	3,581	2,732	0	0	0	9,695

PROJECT #: 9653421

PROJECT #: 9654031

	e various low pressure wa Miami-Dade County Area	ater mains; ins	stall a 20-inch Distri	-	railroad cross	sings via micro Syster Syster	nwide		041 🐚
REVENUE SCHEDULE: Future WASD Revenue Bonds	PRIOR 0	2013-14 0	2014-15 0	2015-16 0	2016-17 1,126	2017-18 3,003	2018-19 9,750	FUTURE 6,750	TOTAL 20,629
TOTAL REVENUES:	0	0	0	0	1,126	3,003	9,750	6,750	20,629
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	0	2013-14	2014-15	0	92	245	795	550	1,682
Construction	0	0	0	0	1,034	2,758	8,955	6,200	18,947
TOTAL EXPENDITURES:	0	0	0	0	1,126	3,003	9,750	6,750	20,629
SAFE DRINKING WATER AC DESCRIPTION: Modify u LOCATION: System Various	water treatment to comply wide		Water Treatn Distri		nd Disinfectan	t/Disinfection Syster Syster	nwide		•
REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Rock Mining Mitigation Fees Water Renewal and Replaceme	20,384 nt Fund 0	0 500	0 0	0 0	0 0	0 0	0	0 0	20,384 500
Future WASD Revenue Bonds	ntruna 0 O	500 0	15,300	30.047	43,158	0 179,762	0 180,711	104,984	553,962
WASD 2013 Revenue Bond	54,078	ů 0	0	00,011	0	0	0	0	54,078
WASD Revenue Bonds Sold	2,500	0	0	0	0	0	0	0	2,500
TOTAL REVENUES:	76,962	500	15,300	30,047	43,158	179,762	180,711	104,984	631,424
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	460	245	1,549	730	1,049	4,368	4,391	2,551	15,343
Construction	18,459	9,839	62,210	29,317	42,109	175,394	176,320	102,433	616,081
TOTAL EXPENDITURES:	18,919	10,084	63,759	30,047	43,158	179,762	180,711	104,984	631,424
SOUTH DISTRICT WASTEW DESCRIPTION: Expand LOCATION: 8950 SV	ATER TREATMENT I ATER TREATMENT I the South District Waste N 232 St porated Miami-Dade Cou	PLANT EXP	ANSION - P nd injection we Distri	HASE III		enerators 8 Syster	PROJE	CT #: 9655	481 🐚
REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Wastewater Renewal Fund	1,249	0	0	0	0	0	0	0	1,249
Future WASD Revenue Bonds	0	0	7,930	7,846	13,543	62,359	98,062	44,070	233,810
WASD 2013 Revenue Bond	1,529	0	0	0	0	0	0	0	1,529
WASD Revenue Bonds Sold	422	0	0	0	0	0	0	0	422
TOTAL REVENUES:	3,200	0	7,930	7,846	13,543	62,359	98,062	44,070	237,010
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	207	189	983	973	1,679	7,733	12,160	5,465	29,389
	1,464	1,340	6,947	6,873	11,864	54,626	85,902	38,605	207,621
TOTAL EXPENDITURES:	1,671	1,529	7,930	7,846	13,543	62,359	98,062	44,070	237,010

DESCRIPTION: LOCATION:			COMPUTER SYST	em at water tr	eatment plant	ts and wellfield	IS			
LUCATION:	Systemwide				ct Located:		Syster	nwide		
	Various Sites			Distri	ct(s) Served:		System	nwide		
REVENUE SCHEDULE		PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Water Renewal and Re Future WASD Revenue	•	2,650	1,500	2,000 433	2,000 433	2,000 433	2,000	1,718	0 0	13,868
WASD 2013 Revenue		0 433	0 0	433 0	433	433 0	433 0	0 0	0	1,732 433
WASD 2013 Revenue WASD Revenue Bonds		433 282	0	0	0	0	0	0	0	433
TOTAL REVENUES:	= 30iu	3,365	1,500	2,433	2,433	2,433	2,433	1,718	0	16,315
		,	,	,				,	-	
EXPENDITURE SCHED	DULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Construction	=	2,932	1,933	2,433	2,433	2,433	2,433	1,718	0	16,315
TOTAL EXPENDITURE	ES:	2,932	1,933	2,433	2,433	2,433	2,433	1,718	0	16,315
	-							PROJE		
DESCRIPTION:	Construct treatmer Plant			nfection to me	et regulatory r					
	Construct treatmen Plant 8950 SW 232 St	nt facilities for	high level disir	nfection to me Distri	et regulatory r ct Located:		8	District Wastev		
DESCRIPTION:	Construct treatmer Plant	nt facilities for	high level disir	nfection to me Distri	et regulatory r			District Wastev		
DESCRIPTION:	Construct treatmen Plant 8950 SW 232 St Unincorporated Mi	nt facilities for	high level disir	nfection to me Distri	et regulatory r ct Located:		8	District Wastev		
DESCRIPTION:	Construct treatmen Plant 8950 SW 232 St Unincorporated Mi	nt facilities for ami-Dade Cou	high level disir	nfection to me Distri Distri	et regulatory r ct Located: ct(s) Served:	requirements a	8 Syster	District Wastev	vater Treatment	TOTAL
DESCRIPTION: LOCATION: REVENUE SCHEDULE	Construct treatmen Plant 8950 SW 232 St Unincorporated Mi	nt facilities for ami-Dade Cou PRIOR	high level disin unty 2013-14	nfection to me Distri Distri 2014-15	et regulatory r ct Located: ct(s) Served: 2015-16	requirements a 2016-17	8 Syster 2017-18	District Wastev nwide 2018-19	vater Treatment	TOTAL 6,999
DESCRIPTION: LOCATION: REVENUE SCHEDULE Wastewater Connectio	Construct treatmen Plant 8950 SW 232 St Unincorporated Mi	nt facilities for ami-Dade Cou PRIOR 4,181	high level disin unty 2013-14 2,818	nfection to me Distri Distri 2014-15 0	et regulatory r ct Located: ct(s) Served: 2015-16 0	requirements a 2016-17 0	8 Systen 2017-18 0	District Wastev nwide 2018-19 0	vater Treatment FUTURE 0	TOTAL 6,999 74,146
DESCRIPTION: LOCATION: REVENUE SCHEDULE Wastewater Connectio HLD Special Construct	Construct treatmen Plant 8950 SW 232 St Unincorporated Mi :: on Charges tion Fund Fund	nt facilities for ami-Dade Cou PRIOR 4,181 74,146	high level disin unty 2013-14 2,818 0	nfection to me Distri Distri 2014-15 0 0	et regulatory r ct Located: ct(s) Served: 2015-16 0 0	requirements a 2016-17 0 0	8 Syster 2017-18 0 0	District Wastev nwide 2018-19 0 0	vater Treatment FUTURE 0 0	TOTAL 6,999 74,146 2,110
DESCRIPTION: LOCATION: REVENUE SCHEDULE Wastewater Connectio HLD Special Construct Wastewater Renewal F	Construct treatmen Plant 8950 SW 232 St Unincorporated Mi :: on Charges tion Fund Fund	nt facilities for ami-Dade Cou PRIOR 4,181 74,146 2,110	high level disin unty 2013-14 2,818 0 0	nfection to me Distri Distri 2014-15 0 0 0	et regulatory r ct Located: ct(s) Served: 2015-16 0 0 0	requirements a 2016-17 0 0 0	8 Syster 2017-18 0 0 0	District Wastev nwide 2018-19 0 0 0	FUTURE 0 0 0	TOTAL 6,999 74,146 2,110 46,799
DESCRIPTION: LOCATION: REVENUE SCHEDULE Wastewater Connectio HLD Special Construct Wastewater Renewal F WASD Revenue Bonds	Construct treatmen Plant 8950 SW 232 St Unincorporated Mi :: on Charges tion Fund Fund s Sold	nt facilities for ami-Dade Cou PRIOR 4,181 74,146 2,110 46,799	high level disin unty 2013-14 2,818 0 0 0 0	nfection to me Distri 2014-15 0 0 0 0 0	et regulatory r ct Located: ct(s) Served: 2015-16 0 0 0 0	2016-17 0 0 0 0 0	8 Syster 2017-18 0 0 0 0	District Wastev nwide 2018-19 0 0 0 0	FUTURE 0 0 0 0 0	TOTAL 6,999 74,146 2,110 46,799 130,054
DESCRIPTION: LOCATION: REVENUE SCHEDULE Wastewater Connectio HLD Special Construct Wastewater Renewal F WASD Revenue Bonds TOTAL REVENUES:	Construct treatmen Plant 8950 SW 232 St Unincorporated Mi :: on Charges tion Fund Fund s Sold	PRIOR 4,181 74,146 2,110 46,799 127,236	2013-14 2,818 0 0 0 2,818	nfection to me Distri 2014-15 0 0 0 0 0 0 0	et regulatory r ct Located: ct(s) Served: 2015-16 0 0 0 0 0 0	2016-17 0 0 0 0 0	8 Syster 2017-18 0 0 0 0 0	District Wastev nwide 2018-19 0 0 0 0 0	FUTURE 0 0 0 0	TOTAL 6,999 74,146 2,110 46,799 130,054 TOTAL
LOCATION: REVENUE SCHEDULE Wastewater Connectio HLD Special Construct Wastewater Renewal F WASD Revenue Bonds TOTAL REVENUES: EXPENDITURE SCHED	Construct treatmen Plant 8950 SW 232 St Unincorporated Mi :: on Charges tion Fund Fund s Sold	PRIOR 4,181 74,146 2,110 46,799 127,236 PRIOR	high level disin unty 2013-14 2,818 0 0 0 2,818 2013-14	nfection to me Distri 2014-15 0 0 0 0 0 0 0 0 2014-15	et regulatory r ct Located: ct(s) Served: 2015-16 0 0 0 0 2015-16	2016-17 0 0 0 0 2016-17	8 Syster 2017-18 0 0 0 0 2017-18	District Wastev nwide 2018-19 0 0 0 2018-19	FUTURE 0 0 0 0 FUTURE	TOTAL 6,999 74,146 2,110 46,799 130,054

PROJECT #: 9656780

5

Estimated Annual Operating Impact will begin in FY 2013-14 in the amount of \$1,000,000

WATER TELEMETERING SYSTEM ENHANCEMENTS