Memorandum

MIAMI-DADE COUNTY

Date: December 15, 2014

ICIC
Agenda Item No. 7A

To: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

From: Carlos A. Gimenez
Mayor

Subject: Monthly Status Report on Miami-Dade Water and Sewer Department's Infrastructure Projects- October 2014

At the November 15, 2013 Board of County Commissioners meeting, Chairwoman Sosa issued a directive requesting that the Miami-Dade Water and Sewer Department (WASD) prepare and submit monthly reports on the status of its water and sewer infrastructure projects and the project expenditures by funding source. These reports are now placed on the Infrastructure and Capital Improvements Committee (ICIC) agenda each month. In addition, at the March 11, 2014 ICIC Committee meeting, Commissioner Zapata requested a monthly status report of the County's Consent Decree capital projects. WASD prepared the attached reports 1) Exhibit A shows all project related procurement activity as of October 24, 2014; 2) Exhibit B lists water and sewer infrastructure project expenditures by funding source; and 3) Exhibit C provides an update on the County's Consent Decree capital projects.

Exhibit A contains information on WASD's projects from the first phase of the County's procurement process to the time the project is sent to the Board of County Commissioners as a contract award recommendation for approval. It is placed on a committee agenda each month in addition to being posted on the County's website (http://www.miamidade.gov/water/). Furthermore, prior to advertising a project, the project solicitations are posted on the Internal Services Department's webpage (http://www.miamidade.gov/procurement/solicitations.asp) and on the Small Business Development Division's webpage (http://www.miamidade.gov/business/business-certification-programs-CBE.asp#1) for industry review and comment for a minimum of two (2) weeks.

Exhibit B lists water and sewer infrastructure project expenditures by funding source (i.e. Bonds, Plant Expansion, Renewal and Replacement). The expenditures listed are not current; they are 30 days in arrears as reported by WASD's financial system.

Exhibit C provides information related to the County's Consent Decree capital projects in terms of a) project estimated costs and actual costs, b) project projected start date and actual start date, and c) project actual completion date and regulatory completion date.

Jack Osterholt
Deputy Mayor

Exhibit A Water & Sewer Infrastructure Projects in Procurement – October 2014

	ISD Project No. & Project Description & Commission Districts	Contract Amount (000's) & OMB Project No.	ISD Review CBE Goal (Community Based Enterprise) CSBE Goal (Community Small Business Enterprise) SBE Goal (Small Business Enterprise)	Advertisement (Start Date) Cone of Silence Begins	Industry Pre-Submittal Conference (Project Briefing)	First Tier/Step 1 Selection	Second Tier/ Step 2 Selection Oral Presentation	BCC Committee Date	BCC Meeting Date	Firms Awarded, Status and Comments * Projects Under the Cone of Silence (COS)
1	E13-WASD-04 *Various Commission Districts* **(Consent Decree Project)** Design Services for Wastewater Collection & Transmission System related to the Consent Decree Projects	$40 million 968150 Wastewater Collection Transmission Lines	Review Item sent 10/1/13 received 10/24/13 30% CBE	2/12/2014	6/2/2014	9/2/2014	9/16/2014	N/A	N/A	COS 9/26/2014 received Mayor's approval to negotiate with highest ranking firm: HDR Engineering, Inc. 10/27/2014 First negotiation meeting
2	E13-WASD-05 *Various Commission Districts* **(Consent Decree Project)** Design Services for Wastewater Treatment Plant related to the Consent Decree Projects	$60 million 964120 Wastewater Treatment Plants	Review Item sent 11/5/2013 Received 11/18/13 30% CBE	2/12/2014	6/2/2014	7/31/2014	8/11/2014	N/A	N/A	COS 8/18/2014 Received Mayor's approval to negotiate with highest ranking firm: MWH Americas, Inc. 9/22/2014 First negotiation meeting

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										10/7/2014 Second negotiation meeting concluded Pending contract award recommendation approval
3	E13-WASD-06 *Various Commission Districts* **(Consent Decree Project)** Engineering Services for Capacity, Management, Operations & Maintenance Program related to the Consent Decree Projects	$15 million Operating Revenue	Review Item sent 10/1/13 Received 11/7/13 32% CBE	2/12/2014	6/2/2014	7/30/2014	N/A	N/A	N/A	COS 8/18/2014 Received Mayor's approval to negotiate with highest ranking firm: Woolpert, Inc. 10/6/2014 First negotiation meeting 10/23/2014 Concluded second negotiation meeting

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4	DB14-WASD-01 Commission Districts 2 **(Consent Decree Project)** Design-Build Services for Replacement/ Rehabilitation of 72-inch Sanitary Sewage Force Main along NW/NE 159th Street Between Northwest 17th Avenue and N.E. 10th Avenue for the 72-inch Force Main	$13.5 million 968750 Wastewater Pipes and Infrastructure Projects	Draft Review item sent 2/18/14 Final item sent 3/11/14 Received 4/3/2014 15.50% CSBE 30% CBE 10% CWP	5/2/2014	5/9/2014	7/22/2014	9/25/2014	N/A	N/A	COS 10/14/2014 Received Mayor's approval to negotiate with the highest ranking firm: Ric-Man Construction of Florida 10/22/2014 First negotiations meeting 10/28/2014 Second negotiations meeting
5	DB13-WASD-03 *Commission District 5* Design-Build Services for the Replacement of Water Mains and Service Conversions in the Shenandoah Area in the City of Miami Phase A	$11.1 million 9653311 Water Distribution System Extension & Enhancement	Review Item Sent 11/20/13 Received 1/14/14 26% CBE 20% CSBE 12.40 CWP	4/11/2014	4/17/2014	7/23/2014	10/15/2014	N/A	N/A	COS 10/15/2014 Second Tier meeting with the short-listed firms: Layne Heavy Civil, Inc.

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5										Ric-Man Construction Florida, Inc. Pending Mayor's approval to negotiate with the highest ranking firm: Ric-Man Construction Florida, Inc.
6	DB13-WASD-04 *Commission District 5* Design-Build Services for the Replacement of Water Mains and Service Conversions in the Shenandoah Area in the City of Miami Phase B	$11.4 million 9653311 Water Distribution System Extension & Enhancement	Review Item Sent 11/20/13 Received 1/14/14 26% CBE 20% CSBE 12.40 CWP	4/11/2014	4/17/2014	7/23/2014	10/21/2014	N/A	N/A	COS 10/21/2014 Second Tier meeting with the short-listed firms: Metro Equipment Service Layne Heavy Civil, Inc. Lanzo Construction Co., Inc.

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										Pending Mayor's approval to negotiate with the highest ranking firm: Lanzo Construction Co., Inc.
79	E13-WASD-10 *Various Commission Districts* Engineering services for Design of Upgrades for Water Distribution & Transmission and Sanitary Sewage Collection & Trans. Systems	Two (2) agreements $5.5 million each Various Projects	Review Item sent 1/27/2014 Received 2/19/2014 25%	4/15/2014	4/22/2014	7/18/2014	TBD	N/A	NA	COS 8/6/2014 Mayor approved authorization to negotiate with the two highest ranking firms: 9/23/2014 First negotiations meeting 10/14/2014 Second negotiations meeting King Engineering Associates, Inc. 9/26/2014

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7										First negotiations meeting concluded Pending Contract award recommendation approval A & P Consulting Transportation Engineers, Corp.
8	E14-WASD-01 Various Commission Districts Engineering and Geological Services Water, Wastewater and Reclaimed Water Planning Svcs.	$7.7 million Operating Revenues	Review Item sent 3/25/2014 Received 4/16/2014 Revised item 6/4/2014 Received 6/11/2014 30% CBE	7/30/2014	8/11/2014	TBD	TBD	N/A	N/A	COS 9/5/2014 Clerk received one proposal Pending Competitive Selection Committee appointment
9	E14-WASD-03 *Various Commission Districts* Professional engineering services relating	$10 million Operating Revenues	Review Item sent 7/25/2014 Received Item 8/14/2014 32% CBE	9/29/2014	10/8/2014	TBD	TBD	N/A	N/A	COS 10/29/2014 Proposals submittal deadline

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	to the operations and maintenance of the Water and Sewer Department's water system		1% SBE							
10	E14-WASD-02 *Various Commission Districts* Professional Cost Estimating and Scheduling Services	$10 million with a $5 million Option-to-Renew Operating Revenues	Proposed 25% CBE .05% SBE	TBD	TBD	TBD	TBD	N/A	N/A	Pending CBE/SBE goal recommendation approval
11	W-927 Commission District 10 Southwest Wellfield Middle Lagoon Removal of Calcium Carbonate	$13,590,050 Water Operating Revenues	CBE: N/A CSBE 15.70%	TBD	TBD	N/A	N/A	N/A	N/A	Pending Request to Advertise approval
12	W-866 *Various Commission Districts* ***(Consent Decree)*** Two Year Countywide Contract for Rehabilitation of Sanitary Sewers	$6,100,050 968150 – Wastewater Collection and Transmission Lines - Consent	CBE: N/A CSBE: No measure due to insufficient availability CWP: N/A	7/10/2014	7/22/2014	N/A	N/A	N/A	N/A	COS 9/25/2014 Six bids received Low bidder: Hinterland Group Concluding bid evaluation

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	by the Cured-In-Place Pipe Lining Method									
	PROJECTS TO BE ADVERTISED WITHIN 90 DAYS									
13	DB14-WASD-09 *Various Commission Districts* Design-Build Services for Installation of a 36-inch Diameter Sanitary Sewer Force Main located at 107 Avenue between N.W. 7 Street to N.W. 25 Street	$8 million	Proposed 13% CBE .25% SBE 2.0% CSBE	TBD	TBD	TBD	TBD	TBD	TBD	Pending CBE/SBE/CSBE goal recommendation approval
14	DB14-WASD-05 *Commission District 3* Design-Build Services for Furnishing and Installing a 48-inch Force Main along North Miami Avenue from N.W. 8	$21 million 9650241 Central Miami-Dade Wastewater Transmission Mains and Pump Station	Proposed 17.5% CBE .25% SBE 11.2% CSBE	TBD	TBD	TBD	TBD	TBD	TBD	Pending CBE/SBE/CSBE goal recommendation approval

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	Street along to 36 Street and along N.E. 36 Street from North Miami Avenue to N.E. 2 Avenue									
15	DB14-WASD-03 *Various Commission Districts* Design-Build Criteria Package for the Proposed 48-inch Diameter Water Transmission Main for Area "N"	$69.3 million 9653311 Water Distribution System Enhancement	Proposed 15% CBE .25% SBE 6.88% CSBE	TBD	TBD	TBD	TBD	TBD	TBD	Pending CBE/SBE/CSBE goal recommendation approval
16	DB14-WASD-08 Commission District 7 Alexander Orr Water Treatment Plant Drinking Water Laboratory	$9.1 million	TBD	TBD	TBD	TBD	TBD	TBD	TBD	Documents under Development

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17	DBOF14-WASD-01 Commission District 8 Design-Build Operate-Finance for the South Miami Heights Water Treatment Plant Program	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	Documents under development
18	S-868 Various Commission Districts **(Consent Decree Project)** Two Year Countywide Contract for Removal and Replacement of Sanitary Sewer Gravity Mains	$6,517,350 968150 – Wastewater Collection and Transmission Lines - Consent	CBE: N/A CSBE: 27% measure due to insufficient availability CWP: N/A	N/A	N/A	N/A	N/A	N/A	N/A	Pending Approval of Request to Advertise

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AWARDED CONTRACTS										
19	S-869 Commission District 7 (Ocean Outfall Legislation Project) Central District Wastewater Treatment Plant - Industrial Waste Deep Injection Well System	$19,887,887 9653421-Central District Upgrades - Wastewater Treatment Plant	CBE: N/A CSBE: No measure due to insufficient availability CWP: N/A	5/8/2014	5/21/2014	N/A	N/A	8/29/2014	10/21/2014	10/21/2014 BCC approved Youngquist Brothers, Inc. R-935-14
20	E13-WASD-11 *Various Commission Districts* Owner's Representative for Engineering Services for Ocean Outfall Legislation	$139,394,748. million 962670 Outfall Legislation	Review item sent 3/3/2014 Received 3/26/2014 28% CBE	4/24/2014	6/2/2014	7/29/2014	8/14/2014	N/A	10/21/2014	10/21/2014 BCC approved CH2M Hill, Inc. R-936-14
21	E13-WASD-07 *Various Commission Districts* **(Consent Decree Project)** Geographic Information Systems Utility Backlog	$9.9 million Operating Revenues	Review Item sent 10/1/13 received 10/24/13 20% CBE	12/9/2013	12/18/2013	4/11/2014	5/12/2014	7/8/ 2014	7/15/2014	7/15/2014 BCC approved Woolpert, Inc. R-674-14

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22	E13-WASD-03 *Various Commission Districts* Design Services for the Implementation of Pump Station Improvement Program	Five (5) Agreements $3.3 million Each 9651071 Pump Station Improvement Program	Review Item sent 8/26/13 Received 9/13/13 40% CBE each	1/17/2014	1/28/2014	4/21/2014	N/A	7/8/ 2014	7/15/2014	715/2014 BCC approved King Engineering Associates, Inc. R-677-14 Stantec Consulting Services, Inc. R-675-14 CES Consultants, Inc. R-676-14 A&P Consulting Transportation Engineers, Inc. R-673-14 Milian, Swain & Associates, Inc. R-672-14
23	E12-WASD-04 **(Consent Decree Project)** Construction Management Services for replacement of 54-inch Sanitary Sewage force	$5.5 million	Review Item sent 10/5/13 Received 10/17/13 27% CBE	12/11/2012	12/18/2012	2/12/2013	N/A	11/12/13	12/03/13	12/3/2013 BCC approved Parsons Brinckerhoff, Inc. R-994-13

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	main pipeline with a 60-inch sewage force main from Fisher Island to Central District Wastewater Treatment Plant									
24	DB12-WASD-01 **(Consent Decree Project)** Design-Build services for the replacement of the existing 54-inch sanitary sewage force main from the Central District Wastewater Treatment Plant to Fisher Island, under Norris Cut Channel	$72,101,600 million	Review Item sent 1/17/13 Received 2/1/13 10.9% CSBE 22% CBE	2/26/2013	3/8/2013	4/17/2013	6/26/2013 reconvened 7/03/2013	12/10/13	12/17/13	12/17/2013 BCC approved Nicholson Construction Company R-1060-13

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25	DB13-WASD-01 *Commission District 5* **(Brickell Basin Project)** Design-Build Services for Gravity Sewer Interceptors for Pump Station No. 3	$12,107,000 million 9653371 Peak Flow Management Facilities	Review Item Sent 7/26/13 Received 7/31/13 17.5% CBE 11.2% CSBE	8/22/2013	8/30/2013	10/8/2013	12/11/2013	2/11/2014	2/19/2014 Waiver approved	2/19/2014 BCC approved Ric-Man Construction, Inc. R-174-14
26	S-852 Commission District 5 **(Brickell Basin Construction** Project) Proposed Master Pump Station No. 3	$21,976,500 million 9653371 Peak Flow Management Facilities	2.59% CSBE	6/27/2013	Pre-Bid Conference 7/16/2013	N/A	N/A	N/A	2/19/2014	2/19/2014 BCC approved Poole & Kent Company R-173-14
27	Expression of Interest (EOI) Public-Private Partnership	N/A	N/A	TBD	N/A	N/A	N/A	N/A	N/A	2/14/2014 31 responses received for EOI

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28	E13-WASD-02-R Program and Construction Management Services for the Implementation of a Pump Station Improvement Program	$17.6 million	Review Item sent 5/20/13 Received 5/20/13 29% CBE	6/6/2013	6/12/2013	10/22//2013	11/7/2013	12/10/13	12/17/13	12/17/2013 BCC approved Nova Consulting, Inc. R-1061-13
29	E12-WASD-03 *Various Commission Districts* Program Management Consultant and related services to establish a Comprehensive Infrastructure Assessment and Replacement Program for Water Transmission and Distribution Mains including Preparation of Condition Evaluations, Forensic Analysis, Risk Assessments	$2.2 million 967190 Water/Pipes and Infrastructure Projects	Review Item sent 9/18/13 Received 10/19/13 25% CBE	3/29/2013	4/4/2013	9/24/2013	10/23/2013 Committee reconvening 12/4/2013	4/ 9/2014	5/6/2014	5/6/2014 BCC approved Lockwood Andrews & Newnam, Inc. R-432-14

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	and Renewal Option Protocols									
30	E13-WASD-01-R Various Commission Districts (Consent Decree Project) Program and Construction Management Services related to the Wastewater Systems Priority Projects	$91 million	Review Item sent 5/20/13 Received 5/20/13 28% CBE	6/6/2013	6/12/2013	8/14/2013	8/28/2013	N/A	5/20/2014	5/20/2014 BCC approved AECOM Technical Services, Inc. R-469-14

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Exhibit B

Fiscal Year 13-14 FYTD vs. Budget (000,s)
September Expenditures

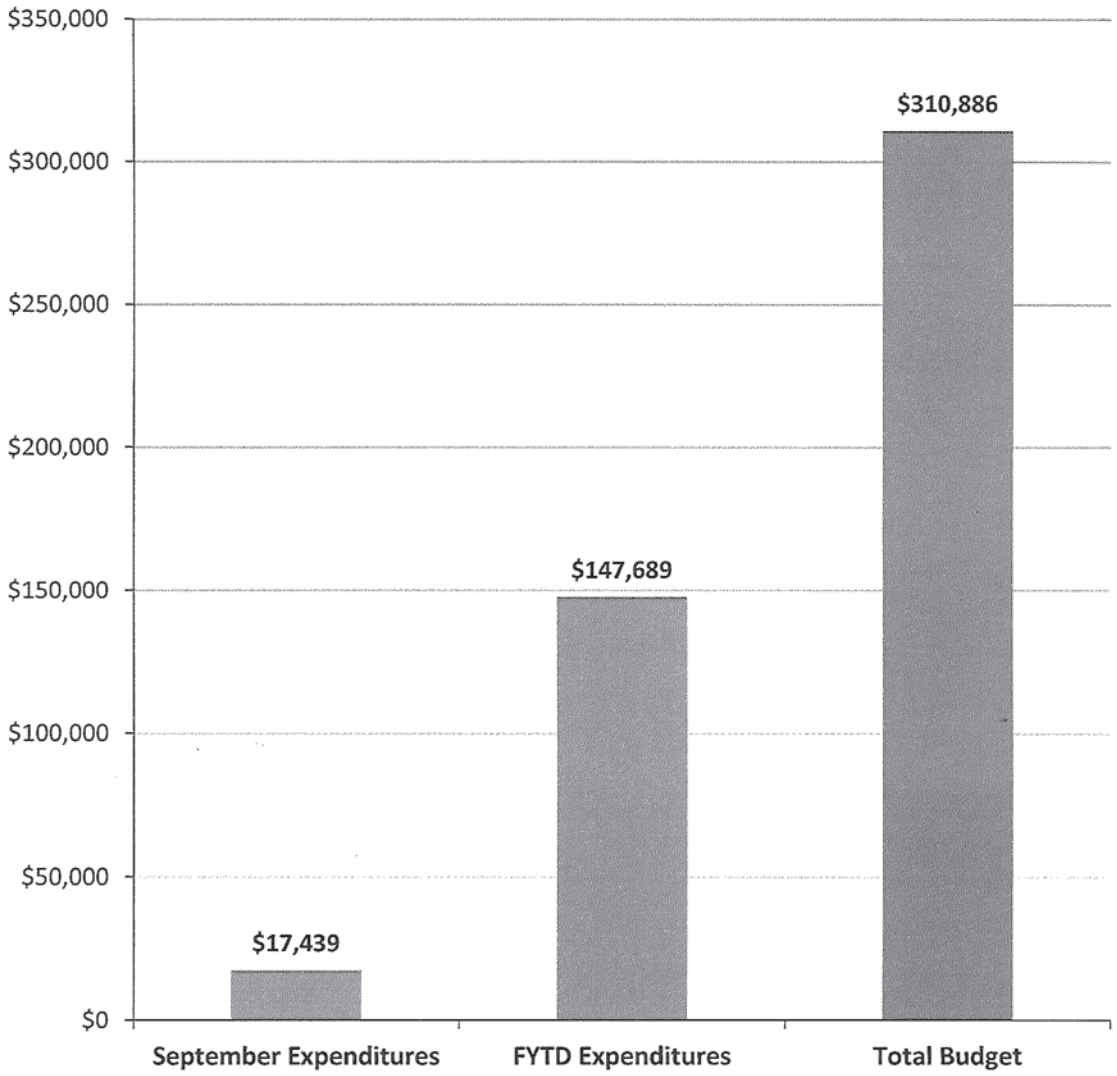

Exhibit B

September Expenditures by Fund Data as of 10/3/14

Total Expenditures:$17,438,895

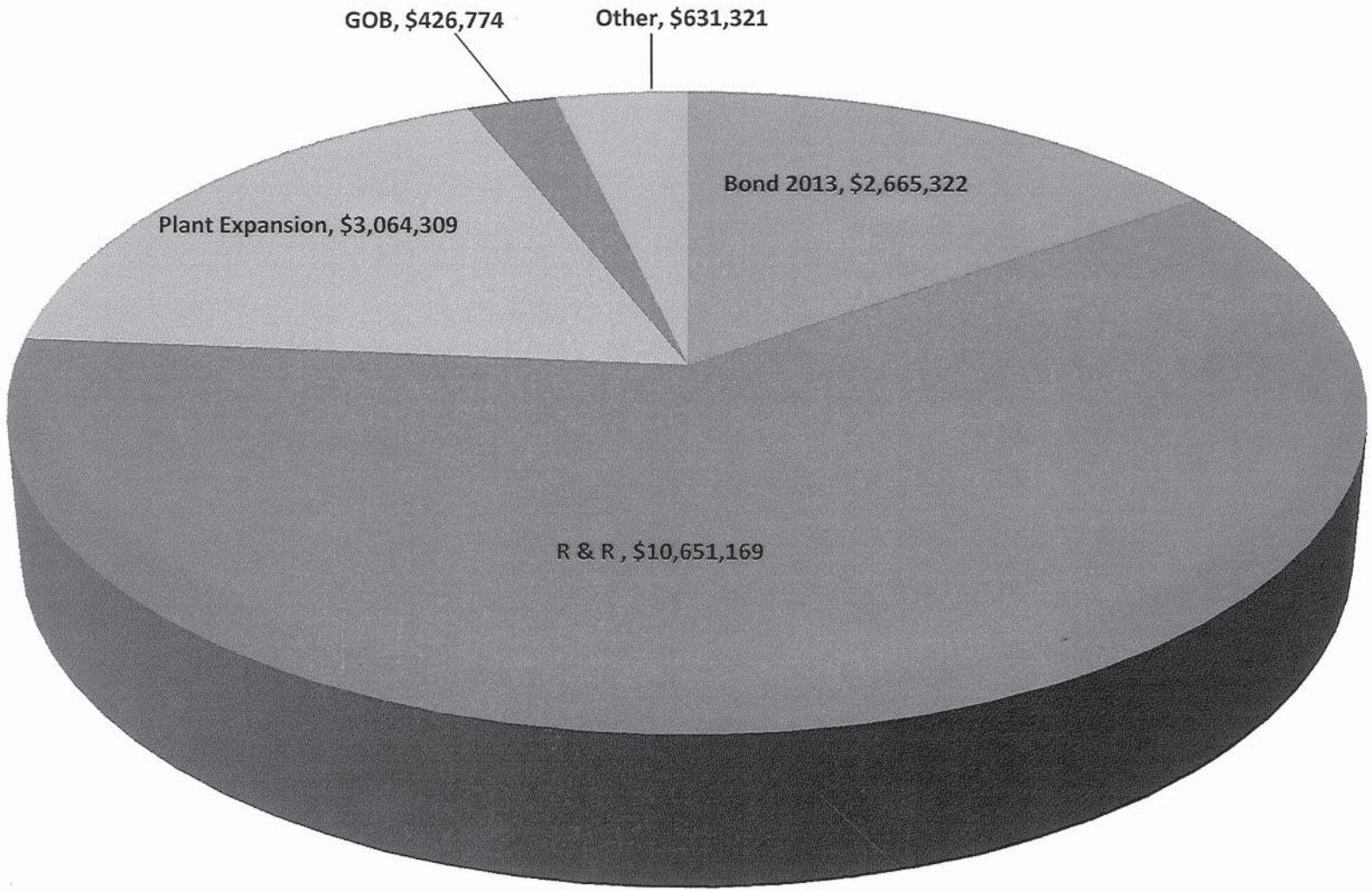

EXHIBIT C

Status of Consent Decree Projects for October 2014

Overall Regulatory Project Completion Date - 9/27/2027

Sewer Facility	Consent Decree Project No.	Capital Project Name	Consent Decree Project Cost Estimate, App. D	Actual Costs	Projected Start Date	Actual Start Date	Actual Completion Date	Regulatory Completion Date	Remarks
South District WWTP	1.1	Headworks	728,343		4/4/2015			2/23/2020	
	1.2	Oxygen Production	7,549,529		1/1/2015			9/13/2019	
	1.3	Oxygenation Trains	18,121,319		11/1/2016			11/16/2025	
	1.4	Chlorine Building	2,520,707		6/4/2018			6/1/2022	
	1.5	Effluent Pump Station	27,010,183		9/1/2016	11/19/2013		4/7/2022	
	1.6	Gravity Sludge Thickeners	5,246,274		7/3/2014	7/3/2014		9/24/2022	
	1.7	Digesters and Control Buildings	48,532,291		11/1/2013	7/3/2014		10/28/2021	Basis of Design Report to be prepared by R&R consultant. Completion date can be met at this time.
	1.8	Dewatering Facility	16,608,534		10/22/2014			11/28/2019	
	1.9	FOG Removal Facility	928,077		11/1/2013	7/8/2014		12/7/2017	Basis of Design Report to be prepared by R&R consultant. Completion date can be met at this time.
	1.10	Odor Control	8,130,067		6/4/2018			4/25/2023	
	1.11	General Electrical	12,165,144		5/5/2016			3/26/2021	
	1.12	Chlorine Contact Chamber Structural	6,935,601		8/1/2016			6/18/2021	
		Subtotal:	**154,476,068**						
Central District WWTP	2.1	Electrical Improvements	28,392,361		6/5/2017			3/6/2020	
	2.2	Building improvements	5,673,576		3/26/2014	3/26/2014		9/6/2017	
	2.3	Headworks Plant 1	20,637,859		9/1/2014	10/6/2014		10/22/2017	Basis of Design Report being prepared by R&R consultant. Completion date can be met at this time.
	2.4	Headworks Plant 2	20,891,336		9/1/2014	10/6/2014		5/22/2018	Basis of Design Report being prepared by R&R consultant. Completion date can be met at this time.
	2.5	Oxygenation Trains Plant 1	6,882,836		3/1/2011	3/1/2011		4/15/2018	
	2.6	Oxygenation Trains Plant 2	15,957,546		3/1/2011	3/1/2011		4/14/2022	
	2.7	Secondary Clarifiers Plant 1	4,919,245		10/3/2020			8/15/2026	
	2.8	Secondary Clarifiers Plant 2	7,242,220		9/4/2016			9/12/2023	
	2.9	RS Pump Stations Plant 1	9,441,453		10/3/2020			8/15/2026	
	2.10	RS Pump Stations Plant 2	14,310,201		9/5/2015			9/12/2023	
	2.11	Effluent Pump Station	9,926,072		7/5/2016			5/9/2020	
	2.12	Sludge Thickeners Plant 1	11,156,240		10/3/2016			4/23/2021	
	2.13	Sludge Thickeners Plant 2	9,552,318		6/11/2014	6/11/2014		10/23/2019	
	2.14	Digesters Plant 1	60,684,546		11/3/2019			1/19/2026	
	2.15	Digesters Plant 2	122,761,868		6/11/2014	6/11/2014		8/19/2022	
	2.16	Dewatering Building	99,952,854		6/1/2016			8/7/2021	
	2.17	Chlorination Facilities	16,713,956		10/1/2013	10/1/2013		9/29/2017	
	2.18	Odor Control Systems	20,208,323		7/3/2016			7/9/2020	
	2.19	Co-Gen Facility	30,311,204		11/22/2012	11/22/2012		3/31/2019	
	2.20	Septage Unloading	29,061,616		11/1/2018			6/3/2022	
	2.21	Pump Station 1	11,575,513		4/4/2016			10/23/2019	
	2.22	Pump Station 2	5,371,361		10/1/2014			10/22/2017	PMCM will prepare BODR. Procurement of a design consultant ongoing. Completion date can be met at this time.
	2.23	O2 Plant Process Controls Phase 2	482,909		10/1/2013	10/1/2013		3/9/2017	
	2.24	Gas Monitoring	334,913		3/7/2015			9/19/2017	
	2.25	Ventilation Improvements	2,766,973		7/5/2020			2/27/2025	
	2.26	Rehabilitation of Walkways and Stairways	2,685,405		10/1/2013	9/30/2013		9/27/2027	
	2.27	Oxygen Production	26,503,191		1/1/2015			12/30/2019	
	2.28	SCADA RTU Upgrades	396,000	173,948	10/1/2013	10/1/2013	2/10/2014	3/29/2014	Completed
	2.29	High Strength Influent Impact Study	1,544,400		2/12/2013	2/12/2013		6/24/2014	Completed
		Subtotal:	**596,338,296**						

EXHIBIT C

Status of Consent Decree Projects for October 2014

Overall Regulatory Project Completion Date - 9/27/2027

Sewer Facility	Consent Decree Project No.	Capital Project Name	Consent Decree Project Cost Estimate, App. D	Actual Costs	Projected Start Date	Actual Start Date	Actual Completion Date	Regulatory Completion Date	Remarks
North District WWTP	3.1	Headworks and Sludge Degritting Transfer	31,777,875		3/20/2013	3/20/2013		4/7/2018	
	3.2	Primary Clarifiers and Odor Control	47,630,971		5/5/2015	9/3/2014		4/18/2021	
	3.3	Oxygenation Trains	26,824,143		1/1/2019			1/17/2024	
	3.4	Oxygen Production	7,139,589		1/1/2020			1/12/2024	
	3.5	Secondary Clarifiers	81,645,502		12/1/2018			8/24/2027	
	3.6	Disinfection	18,721,749		4/21/2014	4/21/2014		9/9/2020	
	3.7	Effluent Disposal	27,500,829		8/5/2014	7/1/2014		12/28/2021	
	3.8	Plant Wide Electrical	18,859,689		5/21/2014	5/21/2014		8/20/2022	
	3.9	Flood Mitigation	4,327,589		4/21/2014	4/21/2014		8/13/2017	
	3.10	Yard Piping Replacement	4,901,560		11/1/2015			12/4/2021	
	3.11	SCADA RTU Upgrades	1,200,320		10/1/2013	9/30/2013		3/24/2015	
		Subtotal:	**270,529,817**						
Wastewater Collection and Transmission Lines	4.1	Collection System I/I Repairs	138,538,762		10/1/2013	10/1/2013		9/27/2027	
	4.2	Government Cut FM - Phase 1& 2 (construction ongoing)	35,187,000	94,315,592	10/1/2012	3/23/2009	9/30/2013	9/30/2013	This project started on 03/23/2009, at the time, this project was not a consent decree project.This project became a consent decree project on October 1, 2012 while the negotiations were taking place with the State and the Federal Government regarding the Consent Decree. Approximately $59 million was spent between 03/23/2009 and 10/1/2012 for work related to the installation of the 60-inch sewer force main and the 20-inch water main. In addition, other expenses included extending the 60-inch sewer force main from the water shaft to South Pointe Park and to the Alton Road tie-in. After this project was added as a Consent Decree project in October 2012 , only $35 million was required to complete the project.
	4.3	Government Cut FM - Phase 3	117,376,121		10/1/2012	9/28/2012		4/8/2017	
	4.4	North Dade 72 inch PCCP FM Rehabilitation	23,764,116		10/1/2013	1/19/2012		3/5/2018	
	4.5	South Dade 54 inch PCCP FM Rehabilitation	18,570,705		8/5/2014	8/5/2014		11/27/2017	
	4.6	Replacement of Tamiami Canal Aerial Crossing FM's at NW 37th Ave	727,443		10/1/2013	4/1/2012	8/11/2014	10/29/2016	Completed. Project in Close-out
	4.7	Replacement of 18 inch DIP FM in Miami Lakes	2,323,333		11/1/2013	4/1/2012		4/9/2017	
	4.8	Rehabilitation of 54 inch PCCP FM in the City of Miami	10,842,213		10/6/2014	9/24/2014		4/9/2017	
	4.9	Replace Approximately 30 miles of AC FM Transmission System	52,708,893		11/1/2013	8/28/2012		10/8/2019	
	4.10	Opa-Locka Airport 48" PCCP force main replacement	23,668,622		10/6/1014	9/12/2014		1/28/2018	
		Subtotal:	**423,707,208**						

EXHIBIT C

Status of Consent Decree Projects for October 2014

Overall Regulatory Project Completion Date - 9/27/2027

Sewer Facility	Consent Decree Project No.	Capital Project Name	Consent Decree Project Cost Estimate, App. D	Actual Costs	Projected Start Date	Actual Start Date	Actual Completion Date	Regulatory Completion Date	Remarks
Sewer Pump Station Systems	5.1	Upgrade of PS#0418	23,877,869		11/1/2013	10/1/2012		11/24/2018	
	5.2	Upgrade of PS#0691	6,007,492		10/7/2014			1/27/2019	BODR proposal to be approved this month. Coordinating solution with City of Homestead for this Pump Station based on flow projections and other upgrades proposed by the City. Improvements will be completed on time.
	5.3	Upgrade of PS#0692	6,007,492		10/7/2014			1/27/2019	BODR proposal to be approved this month. Coordinating solution with City of Homestead for this Pump Station based on flow projections and other upgrades proposed by the City. Improvements will be completed on time.
	5.4	Replacement of Switchgear PS#0414	1,481,438		10/7/2014	9/9/2014		5/9/2018	
	5.5	Replacement of Switchgear and Rehabilitation of Wet well PS#0415	4,805,995		10/7/2014	9/9/2014		1/27/2019	
	5.6	Replacement of Switchgear PS#0416	1,481,438		10/7/2014	9/9/2014		5/9/2018	
	5.7	Replacement of Switchgear and Rehabilitation of Wet well PS#0417	3,203,999		10/7/2014	9/9/2014		1/27/2019	
	5.8	Replacement of Electrical and Mechanical Equipment in PS#0107	4,004,992		10/7/2014	9/11/2014		1/27/2019	
	5.9	Replacement of Plumbing and Electrical Equipment at PS#0301	4,543,072		10/7/2014	7/31/2014		5/9/2018	
	5.10	Upgrade of PS#0488	2,962,877		10/7/2014	8/29/2014		5/9/2018	
	5.11	Installation of 60 inch FM from Kendall Dr to PS#0536	5,925,746		10/7/2014	9/24/2014		5/9/2018	
	5.12	Replacement of Switchgear at PS#0187	3,555,449		10/7/2014	9/10/2014		5/9/2018	
	5.13	Refurbish Emergency Generators and Controls at Regional Pump stations	3,054,141		9/2/2014	9/2/2014		7/20/2016	
	5.14	Upgrade of PS #0086, 0492	2,127,389	1,187,770	10/8/2012	5/12/2012	12/31/2013	12/31/2013	Completed
	5.15	Upgrade of PS #0065, 0201, 0334, 0374, 0607	5,835,671		1/1/2014	1/1/2013		12/31/2015	
	5.16	Upgrade of PS #00198, 0437, 0466, 0680	3,806,369		1/2/2015			12/31/2016	
	5.17	Upgrade of PS #0037, 0351, 0370, 0403	5,371,342		1/2/2016			12/31/2017	
	5.18	Upgrade of PS #0441, 0491, 0710, 0827, 0852, 1236	7,526,751		1/1/2017			12/31/2018	
	5.19	SCADA RTU Upgrades	10,003,462		10/1/2013	10/1/2013		3/18/2016	
		Subtotal:	**105,582,981**						
		Total Project Expenses:	**1,550,634,370**					**9/27/2027**	