Memorandum

MIAMI-DADE COUNTY

Date:	May 13, 2015
To:	Honorable Chairman Jean Monestime and Members, Board of County Commissioners
From:	Carlos A. Gimenez Mayor
Subject:	Supplement to the Monthly Status Report on Miami-Dade Water and Sewer Department's Infrastructure Projects for March 2015

MSC
Supplement to
Agenda Item No. 7B

The purpose of this supplement is to provide Exhibit C for the Monthly Status Report on Miami-Dade Water and Sewer Department's Infrastructure Projects for March 2015 which was inadvertently left out of the agenda item package released in the Metropolitan Services Committee May 13, 2015 Preliminary Agenda.

Jack Osterholt
Deputy Mayor

EXHIBIT C

Status of Consent Decree Projects for March 2015

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	Project Estimated Start Date	Actual Start Date	Actual Completion Date	Regulatory Completion Date	Remarks
South District WWTP	1.1	Headworks	728,343		04/04/2015			02/23/2020	
	1.2	Oxygen Production	7,549,529		01/01/2015			09/13/2019	Design Consultant Contract awarded in December 2014. Currently negotiating Task Authorization for project design. Completion date can be met at this time.
	1.3	Oxygenation Trains	18,121,319		11/01/2016			11/16/2025	
	1.4	Chlorine Building	2,520,707		06/04/2018			06/01/2022	
	1.5	Effluent Pump Station	27,010,183		09/01/2016	11/19/2013		04/07/2022	
	1.6	Gravity Sludge Thickeners	5,246,274		07/03/2014	07/03/2014		09/24/2022	
	1.7	Digesters and Control Buildings	48,532,291		11/01/2013	07/03/2014		10/28/2021	Basis of Design Report being 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	Design Consultant Contract awarded in December 2014. Currently negotiating Task Authorization for project design. Completion date can be met at this time.
	1.9	FOG Removal Facility	928,077		11/01/2013	07/08/2014		12/07/2017	Basis of Design Report being prepared by R&R consultant. Completion date can be met at this time.
	1.10	Odor Control	8,130,067		06/04/2018			04/25/2023	
	1.11	General Electrical	12,165,144		05/05/2016			03/26/2021	
	1.12	Chlorine Contact Chamber Structural	6,935,601		08/01/2016			06/18/2021	
		Subtotal:	**154,476,068**						
Central District WWTP	2.1	Electrical Improvements	28,392,361		06/05/2017			03/06/2020	
	2.2	Building improvements	5,673,576		03/26/2014	03/26/2014		09/06/2017	
	2.3	Headworks Plant 1	20,637,859		09/01/2014	10/06/2014		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		09/01/2014	10/06/2014		05/22/2018	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		03/01/2011	03/01/2011		04/15/2018	
	2.6	Oxygenation Trains Plant 2	15,957,546		03/01/2011	03/01/2011		04/14/2022	
	2.7	Secondary Clarifiers Plant 1	4,919,245		10/03/2020			08/15/2026	
	2.8	Secondary Clarifiers Plant 2	7,242,220		09/04/2016			09/12/2023	
	2.9	RS Pump Stations Plant 1	9,441,453		10/03/2020			08/15/2026	
	2.10	RS Pump Stations Plant 2	14,310,201		09/05/2015			09/12/2023	
	2.11	Effluent Pump Station	9,926,072		07/05/2016			05/09/2020	
	2.12	Sludge Thickeners Plant 1	11,156,240		10/03/2016			04/23/2021	
	2.13	Sludge Thickeners Plant 2	9,552,318		06/11/2014	06/11/2014		10/23/2019	
	2.14	Digesters Plant 1	60,684,546		11/03/2019			01/19/2026	
	2.15	Digesters Plant 2	122,761,868		06/11/2014	06/11/2014		08/19/2022	
	2.16	Dewatering Building	99,952,854		06/01/2016			08/07/2021	
	2.17	Chlorination Facilities	16,713,956		10/01/2013	10/01/2013		09/29/2017	Basis of Design Report to be completed by Consent Decree PMCM consultant. Completion date can be met at this time.
	2.18	Odor Control Systems	20,208,323		07/03/2016			07/09/2020	
	2.19	Co-Gen Facility	30,311,204		11/22/2012	11/22/2012		03/31/2019	
	2.20	Septage Unloading	29,061,616		11/01/2018			06/03/2022	
	2.21	Pump Station 1	11,575,513		04/04/2016			10/23/2019	
	2.22	Pump Station 2	5,371,361		10/01/2014			10/22/2017	Design Consultant Contract awarded in December 2014. Currently negotiating Task Authorization for project design. Completion date can be met at this time.
	2.23	O2 Plant Process Controls Phase 2	482,909		10/01/2013	10/01/2013		03/09/2017	
	2.24	Gas Monitoring	334,913		03/07/2015			09/19/2017	
	2.25	Ventilation Improvements	2,766,973		07/05/2020			02/27/2025	
	2.26	Rehabilitation of Walkways and Stairways	2,685,405		10/01/2013	10/01/2013		09/27/2027	

EXHIBIT C

Status of Consent Decree Projects for March 2015

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	Project Estimated Start Date	Actual Start Date	Actual Completion Date	Regulatory Completion Date	Remarks
	2.27	Oxygen Production	26,503,191		01/01/2015			12/30/2019	Design Consultant Contract awarded in December 2014. Currently negotiating Task Authorization for project design. Completion date can be met at this time.
	2.28	SCADA RTU Upgrades	396,000	313,397	10/01/2013	10/01/2013	02/10/2014	03/29/2014	Completed
	2.29	High Strength Influent Impact Study	1,544,400	1,026,824	02/12/2013	02/12/2013	06/05/2014	06/24/2014	Completed
		Subtotal:	**596,338,296**						
North District WWTP	3.1	Headworks and Sludge Degritting Transfer	31,777,875		03/20/2013	03/20/2013		04/07/2018	
	3.2	Primary Clarifiers and Odor Control	47,630,971		05/05/2015	09/03/2014		04/18/2021	
	3.3	Oxygenation Trains	26,824,143		01/01/2019			01/17/2024	
	3.4	Oxygen Production	7,139,589		01/01/2020			01/12/2024	
	3.5	Secondary Clarifiers	81,645,502		12/01/2018	08/28/2014		08/24/2027	
	3.6	Disinfection	18,721,749		04/21/2014	04/21/2014		09/09/2020	
	3.7	Effluent Disposal	27,500,829		08/05/2014	08/12/2014		12/28/2021	
	3.8	Plant Wide Electrical	18,859,689		05/21/2014	05/01/2014		08/20/2022	
	3.9	Flood Mitigation	4,327,589		04/21/2014	05/01/2014		08/13/2017	
	3.10	Yard Piping Replacement	4,901,560		11/01/2015			12/04/2021	
	3.11	SCADA RTU Upgrades	1,200,320	891,588	10/01/2013	09/30/2013	11/26/2014	03/24/2015	Completed
		Subtotal:	**270,529,817**						
Wastewater Collection and Transmission Lines	4.1	Collection System I/I Repairs	138,538,762		10/01/2013	10/01/2013		09/27/2027	
	4.2	Government Cut FM - Phase 1& 2 (construction ongoing)	35,187,000	94,776,635	10/01/2012	10/01/2011	09/30/2013	09/30/2013	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		10/01/2012	01/30/2013		04/08/2017	
	4.4	North Dade 72 inch PCCP FM Rehabilitation	23,764,116		10/01/2013	02/01/2013		03/05/2018	
	4.5	South Dade 54 inch PCCP FM Rehabilitation	18,570,705		08/05/2014	08/05/2014		11/27/2017	
	4.6	Replacement of Tamiami Canal Aerial Crossing FM's at NW 37th Ave	727,443	604,872	10/01/2013	12/11/2012	08/11/2014	10/29/2016	Completed. Project in Close-out
	4.7	Replacement of 18 inch DIP FM in Miami Lakes	2,323,333		11/01/2013	03/11/2012		04/09/2017	
	4.8	Rehabilitation of 54 inch PCCP FM in the City of Miami	10,842,213		10/06/2014			04/09/2017	Design Consultant Contract awarded in December 2014. Currently negotiating Task Authorization for project design. Completion date can be met at this time.
	4.9	Replace Approximately 30 miles of AC FM Transmission System	52,708,893		11/01/2013	08/28/2012		10/08/2019	
	4.10	Opa-Locka Airport 48" PCCP force main replacement	23,668,622		10/06/2014	12/17/2014		01/28/2018	Basis of Design Report being prepared by CD PMCM. Completion date can be met at this time.
		Subtotal:	**423,707,208**						

3

EXHIBIT C

Status of Consent Decree Projects for March 2015

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	Project Estimated 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		11/01/2013	11/01/2013		11/24/2018	
	5.2	Upgrade of PS#0691	6,007,492		10/07/2014	11/26/2014		01/27/2019	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		10/07/2014	11/26/2014		01/27/2019	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		10/07/2014	02/09/2015		05/09/2018	Basis of Design Report being prepared by R&R consultant. Completion date can be met at this time.
	5.5	Replacement of Switchgear and Rehabilitation of Wet well PS#0415	4,805,995		10/07/2014	02/09/2015		01/27/2019	Basis of Design Report being prepared by R&R consultant. Completion date can be met at this time.
	5.6	Replacement of Switchgear PS#0416	1,481,438		10/07/2014	02/06/2015		05/09/2018	Basis of Design Report being prepared by R&R consultant. Completion date can be met at this time.
	5.7	Replacement of Switchgear and Rehabilitation of Wet well PS#0417	3,203,999		10/07/2014	02/06/2015		01/27/2019	Basis of Design Report being prepared by R&R consultant. Completion date can be met at this time.
	5.8	Replacement of Electrical and Mechanical Equipment in PS#0107	4,004,992		10/07/2014			01/27/2019	Design Consultant Contract awarded in December 2014. Currently negotiating Task Authorization for project design. Completion date can be met at this time.
	5.9	Replacement of Plumbing and Electrical Equipment at PS#0301	4,543,072		10/07/2014	11/24/2014		05/09/2018	Basis of Design Report being prepared by R&R consultant. Completion date can be met at this time.
	5.10	Upgrade of PS#0488	2,962,877		10/07/2014			05/09/2018	Design Consultant Contract awarded in December 2014. Currently negotiating Task Authorization for project design. Completion date can be met at this time.
	5.11	Installation of 60 inch FM from Kendall Dr to PS#0536	5,925,746		10/07/2014	12/17/2014		05/09/2018	Basis of Design Report being prepared by CD PMCM. Completion date can be met at this time.
	5.12	Replacement of Switchgear at PS#0187	3,555,449		10/07/2014			05/09/2018	Design Consultant Contract awarded in December 2014. Currently negotiating Task Authorization for project design. Completion date can be met at this time.
	5.13	Refurbish Emergency Generators and Controls at Regional Pump stations	3,054,141		09/02/2014	09/12/2014		07/20/2016	
	5.14	Upgrade of PS #0086, 0492	2,127,389	1,216,965	10/08/2012	03/19/2012	12/31/2013	12/31/2013	Completed
	5.15	Upgrade of PS #0065, 0201, 0334, 0374, 0607	5,835,671		01/01/2014	12/12/2010		12/31/2015	
	5.16	Upgrade of PS #00198, 0437, 0466, 0680	3,806,369		01/02/2015			12/31/2016	Design Consultant Contract awarded in December 2014. Currently negotiating Task Authorization for project design. Completion date can be met at this time.
	5.17	Upgrade of PS #0037, 0351, 0370, 0403	5,371,342		01/02/2016			12/31/2017	
	5.18	Upgrade of PS #0441, 0491, 0710, 0827, 0852, 1236	7,526,751		01/01/2017			12/31/2018	
	5.19	SCADA RTU Upgrades	10,003,462		10/01/2013	10/01/2013		03/18/2016	
		Subtotal:	**105,582,981**						
		Total Project Expenses:	**1,550,634,370**					**09/27/2027**	

4