

Activity ID	Activity Name	Start *	Substantial ** Completion	EPA Compliance Date	Rainbow Layout																														
					2019				2020				2021				2022				2023				2024				2025						
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
WASD Consent Decree Schedule - September 2020 Update					14-Aug-09 A	27-Sep-27	27-Sep-27																												
0. General Compliance Activities					31-Mar-14 A	23-Apr-24		0. General Compliance Activities																											
Reporting Requirements					31-Mar-14 A	02-Mar-21		Reporting Requirements																											
Program Management/Construction Management Support					06-Jun-14 A	23-Apr-24		Program Management/Construction Management Support																											
1. South District WWTP					14-Aug-09 A	04-Apr-25	16-Nov-25	1. South District WWTP																											
1.01 Headworks					14-Aug-09 A	06-Nov-19 A	23-Feb-20	1.01 Headworks																											
1.02 Oxygen Production					17-Nov-14 A	10-Feb-22	25-Feb-22	1.02 Oxygen Production																											
1.03 Oxygenation Trains					02-Oct-13 A	04-Apr-25	16-Nov-25	1.03 Oxygenation Trains																											
1.03 (1) - Oxygenation Trains Structural Rehab					02-Oct-13 A	31-Jul-20 A	16-Nov-25	1.03 (1) - Oxygenation Trains Structural Rehab																											
1.03 (2) - Oxygenation Trains - Mixer Upgrade/Electrical Building (OOL ST-1B)					22-Feb-16 A	04-Apr-25	16-Nov-25	1.03 (2) - Oxygenation Trains - Mixer Upgrade/Electrical Building (OOL ST-1B)																											
1.03 (3) - Oxygenation Trains - SS 5/6 and SS 15/16 (OOL ST-2D)					12-Jan-17 A	12-Jan-23	16-Nov-25	1.03 (3) - Oxygenation Trains - SS 5/6 and SS 15/16 (OOL ST-2D)																											
1.04 Chlorine Building					15-Aug-17 A	07-Feb-22	07-Aug-23	1.04 Chlorine Building																											
1.05 Effluent Pump Station					19-Nov-13 A	28-Oct-21	07-Apr-22	1.05 Effluent Pump Station																											
1.05 (1) Effluent Pump Station Wetwell Rehab					05-Jul-16 A	26-May-20 A	07-Apr-22	1.05 (1) Effluent Pump Station Wetwell Rehab																											
1.05 (2) Effluent Pump Station Building Improvements & Pumps 1-6 Equip.					03-Mar-16 A	28-Oct-21	07-Apr-22	1.05 (2) Effluent Pump Station Building Improvements & Pumps 1-6 Equip.																											
1.05 (3) Effluent Pump Station Electrical Equipment (Pumps 7-9)					19-Nov-13 A	23-Jan-16 A	07-Apr-22	1.05 (3) Effluent Pump Station Electrical Equipment (Pumps 7-9)																											
1.06 Gravity Sludge Thickeners					03-Jul-14 A	28-Dec-22	06-Jan-23	1.06 Gravity Sludge Thickeners																											
1.07 Digesters and Control Building					30-Jun-14 A	12-Jul-23	21-Nov-23	1.07 Digesters and Control Building																											
1.08 Dewatering Facility					19-Dec-14 A	28-Dec-22	06-Jan-23	1.08 Dewatering Facility																											
1.09 FOG Removal Facility					08-Jul-14 A	26-Mar-19 A	24-May-19	1.09 FOG Removal Facility																											
1.10 Odor Control					25-Jan-18 A	29-Jul-22	25-Apr-23	1.10 Odor Control																											
1.11 General Electrical					25-Oct-16 A	30-Apr-22	26-Mar-21	1.11 General Electrical																											
1.11 (1.1) SDWWTP Substations 9-12					15-Jun-17 A	30-Apr-22	26-Mar-21	1.11 (1.1) SDWWTP Substations 9-12																											
1.11 (1.2) SDWWTP Generator Repairs					25-Oct-16 A	01-Nov-21	26-Mar-21	1.11 (1.2) SDWWTP Generator Repairs																											
1.11 (2) Elect. Feeder Bldg 1 to Effluent PS 1-6 (Project 1.05(2))					24-Oct-17 A	28-Oct-21	26-Mar-21	1.11 (2) Elect. Feeder Bldg 1 to Effluent PS 1-6 (Project 1.05(2))																											
1.12 Chlorine Contact Chamber					24-Aug-15 A	28-Feb-21	18-Jun-21	1.12 Chlorine Contact Chamber																											
1.12 (1) Chlorine Contact Chamber Actuator Replacement					24-Aug-15 A	05-Jun-18 A	18-Jun-21	1.12 (1) Chlorine Contact Chamber Actuator Replacement																											
1.12 (2) Chlorine Contact Chamber Structural Rehab & Sluice Gates Replacement					05-Jul-16 A	28-Feb-21	18-Jun-21	1.12 (2) Chlorine Contact Chamber Structural Rehab & Sluice Gates Replacement																											
2. Central District WWTP					01-Mar-11 A	27-Mar-27	27-Sep-27	2. Central District WWTP																											
2.01 Miscellaneous Electrical Improvements					11-Jun-14 A	29-Jun-21	14-Jun-21	2.01 Miscellaneous Electrical Improvements																											
2.01 (1) Substations 1 & 2					24-Jul-15 A	05-May-16 A	14-Jun-21	2.01 (1) Substations 1 & 2																											
2.01 (2) Substations 3, 4A, 4B, 5 & 6 (Project 2.27(2))					13-Apr-15 A	18-Dec-18 A	14-Jun-21	2.01 (2) Substations 3, 4A, 4B, 5 & 6 (Project 2.27(2))																											
2.01 (3) Substations 9 & 10 (Project 2.10(1))					11-Mar-16 A	04-Nov-20	14-Jun-21	2.01 (3) Substations 9 & 10 (Project 2.10(1))																											
2.01 (4) Substations 11 & 12 (Project 2.11)					24-Aug-16 A	16-Feb-21	14-Jun-21	2.01 (4) Substations 11 & 12 (Project 2.11)																											
2.01 (5) Substations 15 & 16 (Project 2.15(1))					11-Jun-14 A	19-Apr-21	14-Jun-21	2.01 (5) Substations 15 & 16 (Project 2.15(1))																											
2.01 (6) Substations 17 & 18 (Project 2.19(2)a)					04-Jun-15 A	04-Oct-19 A	14-Jun-21	2.01 (6) Substations 17 & 18 (Project 2.19(2)a)																											
2.01 (7) Substations 7A, 8A, 9A, & 10A					17-Oct-16 A	29-Jun-21	14-Jun-21	2.01 (7) Substations 7A, 8A, 9A, & 10A																											
2.02 Building Improvements					26-Mar-14 A	17-Jan-20 A	26-Sep-19	2.02 Building Improvements																											
2.02 (1)a CD Building Improvements - Admin Asbestos Abatement					26-Mar-14 A	01-Jun-15 A	26-Sep-19	2.02 (1)a CD Building Improvements - Admin Asbestos Abatement																											
2.02 (1)b CD Administration Building Interior Improvements					26-Jan-15 A	17-Jan-18 A	26-Sep-19	2.02 (1)b CD Administration Building Interior Improvements																											
2.02 (1)c CD Misc. Roof Improvements					31-Jan-15 A	19-Oct-16 A	26-Sep-19	2.02 (1)c CD Misc. Roof Improvements																											
2.02 (2) Remodel Bathrooms, Locker Rooms & Showers					19-Dec-14 A	17-Jan-20 A	26-Sep-19	2.02 (2) Remodel Bathrooms, Locker Rooms & Showers																											
2.03 Headworks/Grit Basin Plant 1					05-Jun-14 A	07-Mar-19 A	16-Mar-19	2.03 Headworks/Grit Basin Plant 1																											
2.04 Headworks/Grit Basin Plant 2					05-Jun-14 A	13-Aug-19 A	23-Aug-19	2.04 Headworks/Grit Basin Plant 2																											
2.05 Oxygenation Trains Plant 1					01-Mar-11 A	22-Jun-18 A	12-Apr-19	2.05 Oxygenation Trains Plant 1																											
2.06 Oxygenation Trains Plant 2					01-Mar-11 A	06-Mar-21	14-Apr-22	2.06 Oxygenation Trains Plant 2																											
2.07 Secondary Clarifiers Plant 1					11-Jul-15 A	12-Sep-25	15-Aug-26	2.07 Secondary Clarifiers Plant 1																											
2.07 (1) Secondary Clarifiers Plant 1					10-May-17 A	12-Sep-25	15-Aug-26	2.07 (1) Secondary Clarifiers Plant 1																											
2.07 (2) Secondary Clarifiers Plant 1 Tank Mechanisms					11-Jul-15 A	16-Jan-25	15-Aug-26	2.07 (2) Secondary Clarifiers Plant 1 Tank Mechanisms																											
2.07 (3) Secondary Clarifiers Plant 1 Structural Rehab					15-Jul-15 A	02-Dec-24	15-Aug-26	2.07 (3) Secondary Clarifiers Plant 1 Structural Rehab																											

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MIAMI-DADE WATER & SEWER DEPARTMENT CONSENT DECREE PROGRAM PROJECT PHASE SUMMARY

Date	Revision	Checked	Approved
14-Jul-14	Revision 0		
15-Jul-20	June 2020 Update		
14-Aug-20	July 2020 Update		
14-Sep-20	Aug 2020 Update		
16-Oct-20	Sep 2020 Update		

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					2019				2020				2021				2022				2023				2024				2025			
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
2.08 Secondary Clarifiers Plant 2		16-Mar-16 A	11-Sep-23	01-Dec-24	2.08 Secondary Clarifiers Plant 2																											
2.08 (1) Secondary Clarifiers Plant 2		16-Mar-16 A	11-Sep-23	01-Dec-24	2.08 (1) Secondary Clarifiers Plant 2																											
2.08 (2) Secondary Clarifiers Plant 2 Tank Mechanisms		21-Nov-18 A	06-Jun-23	01-Dec-24	2.08 (2) Secondary Clarifiers Plant 2 Tank Mechanisms																											
2.08 (3) Secondary Clarifiers Plant 2 Structural Rehab		14-Jul-17 A	07-May-23	01-Dec-24	2.08 (3) Secondary Clarifiers Plant 2 Structural Rehab																											
2.09 Return Sludge PS Plant 1		10-May-17 A	12-Sep-25	15-Aug-26	2.09 Return Sludge PS Plant 1																											
2.10 Return Sludge PS Plant 2		15-Jul-15 A	11-Sep-23	01-Dec-24	2.10 Return Sludge PS Plant 2																											
2.10 (1) Return Sludge PS Plant 2 - RAS Pump		15-Jul-15 A	11-Sep-23	01-Dec-24	2.10 (1) Return Sludge PS Plant 2 - RAS Pump																											
2.10 (2) Return Sludge PS Plant 2 - RAS Line		13-Jan-16 A	07-Jul-17 A	01-Dec-24	Plant 2 - RAS Line																											
2.11 Effluent Pump Station		19-Feb-16 A	16-Feb-21	21-Jun-21	2.11 Effluent Pump Station																											
2.12 Gravity Sludge Thickeners Plant 1		02-Feb-15 A	23-Feb-23	13-Jan-23	2.12 Gravity Sludge Thickeners Plant 1																											
2.13 Gravity Sludge Thickeners Plant 2		11-Jun-14 A	23-Feb-23	13-Jan-23	2.13 Gravity Sludge Thickeners Plant 2																											
2.14 Digesters Plant 1		14-Mar-17 A	09-May-24	19-Jan-26	2.14 Digesters Plant 1																											
2.14.1 Cluster 1		30-Sep-20	09-Mar-24	19-Jan-26	2.14.1 Cluster 1																											
2.14.2 Cluster 2		14-Mar-17 A	09-May-24	19-Jan-26	2.14.2 Cluster 2																											
2.15 Digesters Plant 2		11-Jun-14 A	24-Aug-23	18-Jun-23	2.15 Digesters Plant 2																											
2.15.1 Cluster 1		11-Jun-14 A	19-Apr-21	18-Jun-23	2.15.1 Cluster 1																											
2.15.2 Cluster 2		19-Dec-14 A	20-Feb-22	18-Jun-23	2.15.2 Cluster 2																											
2.15.3 Cluster 3		13-Apr-16 A	24-Aug-23	18-Jun-23	2.15.3 Cluster 3																											
2.16 Dewatering Building		02-Feb-15 A	23-Feb-23	13-Jan-23	2.16 Dewatering Building																											
2.17 Chlorination Facilities		01-Oct-13 A	27-Jul-18 A	15-Oct-18	2.17 Chlorination Facilities																											
2.18 Odor Control Systems		06-Oct-14 A	23-Feb-23	13-Jan-23	2.18 Odor Control Systems																											
2.18 (1) Headworks Odor Controls System (Project 2.03/2.04)		06-Oct-14 A	11-Sep-19 A	13-Jan-23	2.18 (1) Headworks Odor Controls System (Project 2.03/2.04)																											
2.18 (2) Dewatering Odor Control System (Project 2.16)		01-May-15 A	23-Feb-23	13-Jan-23	2.18 (2) Dewatering Odor Control System (Project 2.16)																											
2.19 Co-Gen Improvements		22-Nov-12 A	18-Jun-21	21-May-20	2.19 Co-Gen Improvements																											
2.21 Pump Station No.1		16-Jun-15 A	19-Dec-19 A	26-Feb-21	2.21 Pump Station No.1																											
2.22 Pump Station No.2		30-Sep-14 A	20-Nov-20	25-May-19	2.22 Pump Station No.2																											
2.23 O2 Plant Process Controls Phase 2		01-Oct-13 A	25-Apr-16 A	09-Mar-17	2.23 O2 Plant Process Controls Phase 2																											
2.24 Gas Monitoring and Alarms		19-Dec-14 A	29-Sep-17 A	19-Sep-17	2.24 Gas Monitoring and Alarms																											
2.25 Ventilation Improvements		11-Jun-14 A	19-Apr-21	27-Feb-25	2.25 Ventilation Improvements																											
2.25 (2) Headworks HVAC Improvements (Project 2.03/2.04)		06-Oct-14 A	13-Aug-19 A	27-Feb-25	2.25 (2) Headworks HVAC Improvements (Project 2.03/2.04)																											
2.25 (3) Digester Control Building HVAC Improvements (Project 2.15(1))		11-Jun-14 A	19-Apr-21	27-Feb-25	2.25 (3) Digester Control Building HVAC Improvements (Project 2.15(1))																											
2.25 (4) Pump Station 1 HVAC Improvements (Project 2.21)		15-Oct-16 A	19-Dec-19 A	27-Feb-25	2.25 (4) Pump Station 1 HVAC Improvements (Project 2.21)																											
2.25 (5) Pump Station 2 HVAC Improvements (Project 2.22)		15-Apr-15 A	20-Nov-20	27-Feb-25	2.25 (5) Pump Station 2 HVAC Improvements (Project 2.22)																											
2.26 Rehabilitation of Walkways and Stairways		01-Oct-13 A	27-Mar-27	27-Sep-27	2.26 Rehabilitation of Walkways and Stairways																											
2.27 Oxygen Production		19-Dec-14 A	21-Mar-22	13-Feb-22	2.27 Oxygen Production																											
2.27 (1) Oxygen Production Site Preparation		28-Jan-16 A	29-Jun-17 A	13-Feb-22	2.27 (1) Oxygen Production Site Preparation																											
2.27 (2) Oxygen Production Design-Build		19-Dec-14 A	21-Mar-22	13-Feb-22	2.27 (2) Oxygen Production Design-Build																											
2.28 SCADA RTU Upgrades		01-Oct-13 A	10-Feb-14 A	29-Mar-14	2.28 SCADA RTU Upgrades																											
2.29 High Strength Influent Impact Study		12-Feb-13 A	29-May-14 A	24-Jun-14	2.29 High Strength Influent Impact Study																											
2.CM CDWWTP CM Office & Contractor Trailers Site Prep		05-Nov-15 A	12-Sep-18 A		2.CM CDWWTP CM Office & Contractor Trailers Site Prep																											
2.TE CD Temporary Electrical Facilities		26-Feb-16 A	31-Aug-18 A		2.TE CD Temporary Electrical Facilities																											
2.SM CDWWTP Stormwater Master Plan		27-Jun-16 A	28-Jul-17 A		2.SM CDWWTP Stormwater Master Plan																											
3. North District WWTP		20-Mar-13 A	22-Jun-25	24-Aug-27	3. North District WWTP																											
3.01 Headworks and Sludge Degritting & Transfer		20-Mar-13 A	06-Dec-17 A	07-Apr-18	3.01 Headworks and Sludge Degritting & Transfer																											
3.02 Primary Clarifiers and Odor Control		03-Sep-14 A	30-Aug-21	06-Apr-23	3.02 Primary Clarifiers and Odor Control																											
3.02 (1) Replace Mechanisms for Primary Clarifiers #4 & 6		01-Dec-16 A	20-Feb-19 A	06-Apr-23	3.02 (1) Replace Mechanisms for Primary Clarifiers #4 & 6																											
3.02 (2) Primary Clarifiers and Odor Control (Remaining Scope of Work)		03-Sep-14 A	30-Aug-21	06-Apr-23	3.02 (2) Primary Clarifiers and Odor Control (Remaining Scope of Work)																											
3.03 Oxygenation Trains		25-Apr-17 A	22-Jun-25	06-Mar-26	3.03 Oxygenation Trains																											
3.04 Oxygen Production		21-Jul-17 A	22-Jun-25	06-Mar-26	3.04 Oxygen Production																											
3.05 Secondary Clarifiers		23-May-14 A	14-Oct-22	24-Aug-27	3.05 Secondary Clarifiers																											

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MIAMI-DADE WATER & SEWER DEPARTMENT CONSENT DECREE PROGRAM PROJECT PHASE SUMMARY

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14-Jul-14	Revision 0		
15-Jul-20	June 2020 Update		
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					2019					2020				2021				2022				2023				2024			2025			
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
3.05 (1)	Secondary Clarifiers (Replace Mechanisms #1-10)	28-Aug-14 A	30-Mar-17 A	24-Aug-27	lace Mechanisms #1-10																											
3.05 (2)	Secondary Clarifiers (Remaining Scope of Work)	23-May-14 A	14-Oct-22	24-Aug-27	3.05 (2) Secondary Clarifiers (Remaining Scope of Work)																											
3.06	Disinfection	21-Apr-14 A	15-Mar-21	09-Sep-20	3.06 Disinfection																											
3.07	Effluent Disposal	21-Feb-14 A	18-Jul-18 A	28-Dec-21	7 Effluent Disposal																											
3.08	Plant Wide Electrical	01-May-14 A	19-Mar-21	20-Aug-22	3.08 Plant Wide Electrical																											
3.08 (1)	NDWWTP General Electrical In-house Construction (Feeders 1-2)	01-May-14 A	15-Jan-16 A	20-Aug-22	(Feeders 1-2)																											
3.08 (2)	Electrical Feeders 3-6 (Project 3.01)	01-May-14 A	06-Dec-17 A	20-Aug-22	al Feeders 3-6 (Project 3.01)																											
3.08 (4)	Electrical Feeders 9-14	10-Jan-17 A	19-Mar-21	20-Aug-22	3.08 (4) - Electrical Feeders 9-14																											
3.09	Flood Mitigation	04-Apr-14 A	24-Jun-16 A	13-Aug-17																												
3.10	Yard Piping Replacement	05-Apr-15 A	24-May-16 A	04-Dec-21																												
3.11	SCADA RTU Upgrades	30-Sep-13 A	26-Nov-14 A	24-Mar-15																												
4. Wastewater Collection & Transmission Line																																
4.01	Collection System I/I Repairs	01-Oct-13 A	27-Sep-27	27-Sep-27																												
4.01 (1.0)	PMCM CIPP I/I Repairs	01-Feb-15 A	31-Jul-18 A	27-Sep-27	01 (1.0) - PMCM CIPP I/I Repairs																											
4.01 (1.1)	PMCM Dig & Replace I/I Repairs	01-Mar-15 A	22-Jul-18 A	27-Sep-27	1 (1.1) - PMCM Dig & Replace I/I Repairs																											
4.01 (1.2)	PMCM SSES I/I	01-Mar-15 A	18-Aug-17 A	27-Sep-27	S I/I																											
4.01 (2)	PSIP Program I/I Repairs	01-Oct-13 A	31-Dec-16 A	27-Sep-27																												
4.01 (3)	MDWASD CM Team I/I Repairs	01-Oct-13 A	27-Sep-27	27-Sep-27																												
4.01 (4)	WWCTLD WASD In-House I/I Repairs	01-Oct-13 A	27-Sep-27	27-Sep-27																												
4.02	Government Cut FM - Phase 1&2	01-Oct-11 A	30-Sep-13 A	30-Sep-13																												
4.03	Government Cut FM - Phase 3	30-Jan-13 A	23-Nov-16 A	08-Apr-17																												
4.04	North Dade 72 inch PCCP FM Rehabilitation	13-May-13 A	05-May-16 A	05-Mar-18																												
4.05	South Dade 54 inch PCCP FM Rehabilitation	05-Aug-14 A	14-Sep-18 A	23-Dec-18	4.05 South Dade 54 inch PCCP FM Rehabilitation																											
4.05 (1)	48/54" FM from SW 127 Ave/SW 280 St. to SW 107 Ave/SW 248 St (Phase 1)	05-Aug-14 A	14-Sep-18 A	23-Dec-18	4.05 (1) 48/54" FM from SW 127 Ave/SW 280 St. to SW 107 Ave/SW 248 St (Phase 1)																											
4.06	Replacement of Tamiami Canal Aerial Crossing FM's at NW 37 Ave	11-Dec-12 A	27-May-14 A	29-Oct-16																												
4.07	Replacement of 18 inch DIP FM in Miami Lakes	11-Mar-12 A	07-Dec-15 A	09-Apr-17																												
4.08	Rehabilitation of 54 inch PCCP FM in the City	27-Oct-14 A	29-Aug-18 A	28-May-17	4.08 Rehabilitation of 54 inch PCCP FM in the City																											
4.08 (1)	Rehab 2 Miles of 54 Inch PCCP FM (Consent Decree)	27-Oct-14 A	28-May-17 A	28-May-17	inch PCCP FM (Consent Decree)																											
4.08 (2)	Rehab/Replace an Additional 2 Miles of 54" PCCP FM (Non-Consent Decree)	27-Oct-14 A	29-Aug-18 A		4.08 (2) Rehab/Replace an Additional 2 Miles of 54" PCCP FM (Non-Consent Decree)																											
4.09	Replace Approximately 30 miles of AC FM Transmission System	28-Aug-12 A	10-Nov-20	17-Oct-20	4.09 Replace Approximately 30 miles of AC FM Transmission System																											
4.09 (1)	(27-28), (44-45), (54-56), (57-59), (64), (66) - Asbestos Concrete Pipe (ACP) Cut and Plug	24-Oct-17 A	05-Jun-20 A	17-Oct-20	4.09 (1), (27-28), (44-45), (54-56), (57-59), (64), (66) - Asbestos Concrete Pipe (ACP) Cut and Plug																											
4.09 (2)	Replacement of 2,403 LF of 12" ACP FM - NE 14th Ave. from PS-0455 to Miami Gardens Dr.	24-Apr-14 A	25-Oct-16 A	17-Oct-20	CP FM - NE 14th Ave. from PS-0455 to Miami Gardens Dr.																											
4.09 (3-5, 8)	RPQ T1811 Replacement of FM from Pump Station #0356 to NW 183rd and 52nd Ave.	28-Aug-12 A	11-Aug-14 A	17-Oct-20																												
4.09 (6-7)	Replace 325LF of 6" ACP FM from PS #0362 to NW52nd Ct. and 190th St. & 400L	29-Aug-14 A	18-Aug-17 A	17-Oct-20	F of 6" ACP FM from PS #0362 to NW52nd Ct. and 190th St. & 400LF 10" to 189th																											
4.09 (9-13)	Replacement of 6, 8 and 12" ACP FM Between PS#0385, PS#0374 and NW 119I	28-Aug-12 A	07-Aug-15 A	17-Oct-20	S#0374 and NW 119th St./37th Ave.																											
4.09 (14-19)	Replacement of 6, 8 & 10" ACP FM Around PS#0376, 0427, 0375, 0377 and 03	28-Aug-12 A	03-Jun-15 A	17-Oct-20	375, 0377 and 0368																											
4.09 (20-21)	Replace 467LF 8" ACP FM from PS#0366 to NW42ndPI/199thTer.& 1792LF 10"	29-Aug-14 A	06-Mar-17 A	17-Oct-20	P FM from PS#0366 to NW42ndPI/199thTer.& 1792LF 10" - 39thCt/199th St																											
4.09 (22)	Replacement of 2,013 LF of 6" ACP FM from PS#358 to PS#0352	01-Nov-14 A	01-Mar-17 A	17-Oct-20	of 6" ACP FM from PS#358 to PS#0352																											
4.09 (23)	Replacment of 1857 LF of 8" ACP FM from PS#1022 to SW 352nd St & 286LF Alo	03-Jun-15 A	15-Jun-18 A	17-Oct-20	(23) Replacment of 1857 LF of 8" ACP FM from PS#1022 to SW 352nd St & 286LF Along 187 Ave.																											
4.09 (24)	Replacement of 840 LF of 8" ACP FM Along NW 49th Ct.from PS#0353 to NW 177I	01-Nov-14 A	27-Oct-16 A	17-Oct-20	P FM Along NW 49th Ct.from PS#0353 to NW 177th St.																											
4.09 (25-26)	Replacement of 1040 LF of 10" ACP FM from NW173rd Dr/52nd Ave. to NW 17I	01-Nov-14 A	03-Apr-17 A	17-Oct-20	0 LF of 10" ACP FM from NW173rd Dr/52nd Ave. to NW 177th St/52nd Ave.																											
4.09 (29-31)	Replace 6" & 12" ACP/PVC FMs from 107th Ave and SW 76 St. and 10" FM fr	01-Apr-14 A	12-Sep-19 A	17-Oct-20	4.09 (29-31) Replace 6" & 12" ACP/PVC FMs from 107th Ave and SW 76 St. and 10" FM from PS#0812																											
4.09 (32)	Replacement of 684 LF of 12" ACP FM in SW 107th Ave. from 104th St. to Kandal	26-Nov-14 A	13-Oct-17 A	17-Oct-20	nt of 684 LF of 12" ACP FM in SW 107th Ave from 104th St. to Kandle Blvd																											
4.09 (33)	Replace 1701 LF 4" ACP from PVT PS at SW104th Ave. & 169th St. to MH42 at S	12-Feb-16 A	12-Aug-16 A	17-Oct-20	S at SW104th Ave. & 169th St. to MH42 at SW103rd Ave.																											
4.09 (34-43)	Replace ACP DM with 8" & 12" DI FM from SW108 PI/SW177 St to SW95 Ave/S	21-Oct-15 A	21-Apr-20 A	17-Oct-20	4.09 (34-43) Replace ACP DM with 8" & 12" DI FM from SW108 PI/SW177 St to SW95 Ave/SW163 St.																											
4.09 (46)	Replacement of 157 LF of 6" ACP FM from SW107th Ct/155th St to SW 107th Ave.	03-Jun-15 A	21-Apr-20 A	17-Oct-20	4.09 (46) Replacement of 157 LF of 6" ACP FM from SW107th Ct/155th St to SW 107th Ave./155th St.																											
4.09 (47)	Replacement of 1023 LF of 8" ACP FM from PS#0869 to SW 122nd Ave./88th St.	12-Feb-15 A	01-Feb-17 A	17-Oct-20	8" ACP FM from PS#0869 to SW 122nd Ave./88th St.																											
4.09 (48-53, 63)	Replace 8" & 10" ACP FM with 16", 12" & 8" DIP - SW142 Ave/SW288St to	10-Jun-15 A	01-May-20 A	17-Oct-20	4.09 (48-53, 63) Replace 8" & 10" ACP FM with 16", 12" & 8" DIP - SW142 Ave/SW288St to SW123Ct/258St																											
4.09 (60-62)	Replace 1500LF 8" ACP FM (PS#1013 - PS#1012), 2550LF 10" (SW144th/SW 2	28-Oct-16 A	21-Aug-19 A	17-Oct-20	4.09 (60-62) Replace 1500LF 8" ACP FM (PS#1013 - PS#1012), 2550LF 10" (SW144th/SW 280th St) 958LF 8"																											
4.09 (65)	Replacement of 2250 LF of 6" ACP FM from PS#1002 to SW 152nd Ave. and 304th	28-Oct-16 A	12-Dec-19 A	17-Oct-20	4.09 (65) Replacement of 2250 LF of 6" ACP FM from PS#1002 to SW 152nd Ave. and 304th St.																											
4.09 (67)	Replace 2,700 LF of 8" ACP FM from PS#1132 Along Bikini Blvd to MH5 in Hange	29-Aug-14 A	10-Nov-20		4.09 (67) Replace 2,700 LF of 8" ACP FM from PS#1132 Along Bikini Blvd to MH5 in Hanger Rd																											
4.09 (68)	Replacement of 3,400 LF of 6" and 8" ACP FM, from PS#0364 to NW 199th St./42r	29-Aug-14 A	14-Mar-17 A	17-Oct-20	F of 6" and 8" ACP FM, from PS#0364 to NW 199th St./42nd Ave.																											



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14-Jul-14	Revision 0		
15-Jul-20	June 2020 Update		
14-Aug-20	July 2020 Update		
14-Sep-20	Aug 2020 Update		
16-Oct-20	Sep 2020 Update		

Activity ID	Activity Name	Start *	Substantial ** Completion	EPA Compliance Date	Rainbow Layout																												
					2019				2020				2021				2022				2023				2024				2025				
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
4.09 (69)	Replacement of 2,320 LF of 12" ACP FM from PS#0333 South to Miami Lakes Dr.	16-Jun-14 A	27-Oct-16 A	17-Oct-20	CP FM from PS#0333 South to Miami Lakes Dr.																												
4.09 (70)	Replace 8000LF of 10" ACP FM at US-1 from SW 184th St. to N. of Caribbean Blvd	13-Sep-14 A	16-Mar-16 A	17-Oct-20	W 184th St. to N. of Caribbean Blvd																												
4.09 (71)	Replace 8" ACP FM from PS#0445, West to NW 207th St, 4" From PS#0444 to NW	01-Nov-14 A	24-Apr-19 A	17-Oct-20	4.09 (71) Replace 8" ACP FM from PS#0445, West to NW 207th St, 4" From PS#0444 to NW																												
4.09 (73)	Replace 14,350 LF of 10", 8" and 6" ACP FM from PS#0728, PS#0709, PS#0738,	29-Aug-14 A	10-Oct-19 A	17-Oct-20	4.09 (73) Replace 14,350 LF of 10", 8" and 6" ACP FM from PS#0728, PS#0709, PS#0738, PS#0735, PS#0730																												
4.10	Opa-Locka Airport 48" PCCP Force Main Replacement	17-Dec-14 A	14-Dec-23	25-Oct-18	4.10 Opa-Locka Airport 48" PCCP Force																												
4.10 (1)	Rehab Existing 48" FM Along North Side of Biscayne Canal from NW 37th Ave. to I	17-Aug-15 A	27-Oct-17 A	25-Oct-18	Rehab Existing 48" FM Along North Side of Biscayne Canal from NW 37th Ave. to NW 32nd Ave.																												
4.10 (2)	Opa-Locka Airport 48" PCCP Force Main Replacement (Sections 1 and 2)	17-Dec-14 A	11-May-18 A	25-Oct-18	Opa-Locka Airport 48" PCCP Force Main Replacement (Sections 1 and 2)																												
4.10 (3)	Replace 16" FM Along NW 159th St. from NW 57th St. to NW 54th St.	07-Mar-16 A	14-Dec-17 A	25-Oct-18	16" FM Along NW 159th St. from NW 57th St. to NW 54th St.																												
4.10 (4)	Opa-Locka Airport Concessions Project	12-Oct-16 A	14-Dec-23		4.10 (4) Opa-Locka Airport Concessions Project																												
5. Sewer Pump Station System		12-Dec-10 A	16-Sep-22	24-Jan-22	5. Sewer Pump Station System																												
5.01	Upgrade of PS#0418	01-Nov-13 A	08-Nov-19 A	22-Oct-19	5.01 Upgrade of PS#0418																												
5.02	Upgrade of PS#0691	04-Aug-14 A	08-Nov-19 A	27-Jan-19	5.02 Upgrade of PS#0691																												
5.03	Upgrade of PS#0692	04-Aug-14 A	27-Oct-20	17-Jun-20	5.03 Upgrade of PS#0692																												
5.04	Replacement of Switchgear PS#0414 and Generator Replacement	17-Oct-14 A	16-Sep-22	15-Jun-19	5.04 Replacement of Switchgear PS#0414 and Generator Replacement																												
5.04 (1)	Replacement of Switchgear PS#0414	17-Oct-14 A	11-Jun-19 A	15-Jun-19	5.04 (1) Replacement of Switchgear PS#0414																												
5.04 (2)	Generator Replacement	15-Aug-18 A	16-Sep-22		5.04 (2) Generator Replacement																												
5.05	Replacement of Switchgear and Rehabilitation of Wetwell PS#0415	26-Sep-14 A	13-Nov-19 A	02-Sep-19	5.05 Replacement of Switchgear and Rehabilitation of Wetwell PS#0415																												
5.06	Replacement of Switchgear PS#0416	18-Oct-14 A	11-Jun-19 A	13-Jun-19	5.06 Replacement of Switchgear PS#0416																												
5.07	Replacement of Switchgear and Rehabilitation of Wetwell PS#0417	30-Sep-14 A	01-Jul-20 A	25-Jul-20	5.07 Replacement of Switchgear and Rehabilitation of Wetwell PS#0417																												
5.08	Replacement of Electrical and Mechanical Equipment in PS#0107	06-Apr-15 A	03-Feb-18 A	27-Jan-19	Replacement of Electrical and Mechanical Equipment in PS#0107																												
5.09	Replacement of Pumping and Electrical Equipment at PS#0301 (w/ Updated E	08-Sep-14 A	11-Mar-22	24-Jan-22	5.09 Replacement of Pumping and Electrical Equipment at PS#0301 (w/ Updated E																												
5.10	Upgrade of PS#0488	01-Nov-14 A	08-Dec-16 A	09-May-18																													
5.11	Installation of 48 inch FM from Kendall Dr. to the Suction Side of PS#0536	17-Dec-14 A	13-Feb-19 A	18-May-19	5.11 Installation of 48 inch FM from Kendall Dr. to the Suction Side of PS#0536																												
5.12	Replacement of Switchgear at PS#0187	29-Oct-14 A	25-Mar-19 A	26-Mar-19	5.12 Replacement of Switchgear at PS#0187																												
5.13	Refurbish Emergency Generators and Controls at Regional Pump Stations	12-Sep-14 A	04-Feb-16 A	20-Jul-16	Refurbish Emergency Generators and Controls at Regional Pump Stations																												
5.14	Upgrade of PS#0086, 0492	19-Mar-12 A	15-Jul-13 A	31-Dec-13																													
5.15	Upgrade of PS#0065, 0201, 0334, 0374, 0607	12-Dec-10 A	25-Jan-18 A	31-Dec-15	Upgrade of PS#0065, 0201, 0334, 0374, 0607																												
5.15 (1)	Pump Station 0065 Compliance Project	01-Aug-14 A	22-Dec-15 A	31-Dec-15	Pump Station 0065 Compliance Project																												
5.15 (1.1)	FM for Pump Station 0065 Phase 1	01-Aug-14 A	21-Oct-15 A	31-Dec-15	FM for Pump Station 0065 Phase 1																												
5.15 (1.2)	FM for Pump Station 0065 Phase 2 (Non-Consent Decree)	28-Aug-14 A	25-Jan-18 A	31-Dec-15	FM for Pump Station 0065 Phase 2 (Non-Consent Decree)																												
5.15 (2)	Pump Station 0201 Compliance Project	01-Jan-13 A	04-Sep-15 A	31-Dec-15	Pump Station 0201 Compliance Project																												
5.15 (3)	Pump Station 0334 Compliance Project	01-Jan-13 A	30-Dec-15 A	31-Dec-15	Pump Station 0334 Compliance Project																												
5.15 (3.1)	FM for Pump Station 0334	01-Jan-13 A	27-Apr-15 A	31-Dec-15	FM for Pump Station 0334																												
5.15 (4)	Pump Station No. 0374 Upgrade	12-Dec-10 A	03-Jan-14 A	31-Dec-15	Pump Station No. 0374 Upgrade																												
5.15 (4.1)	Pump Station No. 0374 FM Installation	12-Dec-10 A	03-Jan-14 A	31-Dec-15	Pump Station No. 0374 FM Installation																												
5.15 (5)	Pump Station 0607 Compliance Project	01-Jan-13 A	23-Oct-15 A	31-Dec-15	Pump Station 0607 Compliance Project																												
5.16	Upgrade of PS#0198, 0437, 0466, 0680	03-Nov-14 A	24-Jan-18 A	31-Dec-18	Upgrade of PS#0198, 0437, 0466, 0680																												
5.16 (1)	Pump Station 0198 Compliance Project	03-Nov-14 A	24-Jan-18 A	31-Dec-18	Pump Station 0198 Compliance Project																												
5.16 (2)	Pump Station No. 0437 Upgrade	03-Nov-14 A	30-Dec-16 A	31-Dec-18	Pump Station No. 0437 Upgrade																												
5.16 (3)	Pump Station 0466 Compliance Project	03-Nov-14 A	21-Oct-16 A	31-Dec-18	Pump Station 0466 Compliance Project																												
5.16 (4)	Pump Station 0680 Upgrade	03-Nov-14 A	01-Dec-16 A	31-Dec-18	Pump Station 0680 Upgrade																												
5.17	Upgrade of PS#0037, 0351, 0370, 0403	05-Oct-15 A	30-Dec-21	20-Nov-18	5.17 Upgrade of PS#0037, 0351, 0370, 0403																												
5.17 (1)	Pump Station 0037 Compliance Project	05-Oct-15 A	14-Nov-17 A	20-Nov-18	Pump Station 0037 Compliance Project																												
5.17 (2)	Pump Station No. 0351 Upgrade	15-Jan-16 A	01-Dec-17 A	20-Nov-18	Pump Station No. 0351 Upgrade																												
5.17 (2.1)	Pump Station 0351 FM Replacement	16-Jul-18 A	30-Dec-21		5.17 (2.1) Pump Station 0351 FM Replacement																												
5.17 (3)	Pump Station No. 0370 Upgrade and Installation of FM	16-Dec-15 A	11-Jan-18 A	20-Nov-18	Pump Station No. 0370 Upgrade and Installation of FM																												
5.17 (4)	Pump Station 0403 Upgrade	16-Dec-15 A	30-Apr-18 A	20-Nov-18	Pump Station 0403 Upgrade																												
5.18	Upgrade of PS#0441, 0491, 0710, 0827, 0852, 1236	08-Nov-16 A	18-Nov-19 A	13-Dec-19	5.18 Upgrade of PS#0441, 0491, 0710, 0827, 0852, 1236																												
5.18 (1)	Pump Station 0441 Upgrade	08-Nov-16 A	14-Aug-19 A	13-Dec-19	5.18 (1) Pump Station 0441 Upgrade																												
5.18 (2)	Pump Station 0491 Compliance Project	12-Dec-17 A	15-Nov-19 A	13-Dec-19	5.18 (2) Pump Station 0491 Compliance Project																												
5.18 (3)	Pump Station 0710 Compliance Project	22-Nov-16 A	14-Aug-19 A	13-Dec-19	5.18 (3) Pump Station 0710 Compliance Project																												

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Activity ID	Activity Name	Start *	Substantial ** Completion	EPA Compliance Date	2019												2020				2021				2022				2023				2024				2025		
					Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3							
5.18 (4) Pump Station 0827 Compliance Project		06-Dec-16 A	18-Nov-19 A	13-Dec-19	[Actual Work]												5.18 (4) Pump Station 0827 Compliance Project																						
5.18 (5) Pump Station 0852 Compliance Project		06-Dec-16 A	26-Jul-19 A	13-Dec-19	[Actual Work]												5.18 (5) Pump Station 0852 Compliance Project																						
5.19 SCADA RTU Upgrades		01-Oct-13 A	23-Nov-15 A	18-Mar-16																																			
6. Supplemental Environmental Project		20-Oct-14 A	26-Dec-18 A	18-Nov-19	[Actual Work]												6. Supplemental Environmental Project																						
6.0 Supplemental Environmental Project (SEP)		20-Oct-14 A	26-Dec-18 A	18-Nov-19	[Actual Work]												6.0 Supplemental Environmental Project (SEP)																						
6.1 SEP (Early Phase Work)		09-Jun-15 A	16-Aug-16 A	18-Nov-19																																			



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