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VIA ELECTRONIC CORRESPONDENCE

June 26, 2015

CCN: 59522
File No: 8.DC.20.19 & 82

Chief, Environmental Enforcement Section
Environment and Natural Resources Division
U.S. Department of Justice
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044-7611
RE: DOJ No. 90-5-1-1-4022/1
Walter.Benjamin.Fisherow@usdoj.gov

Chief, Clean Water Enforcement Branch
Water Protection Division
Attn: Brad Ammons
U.S. Environmental Protection Agency, Region 4
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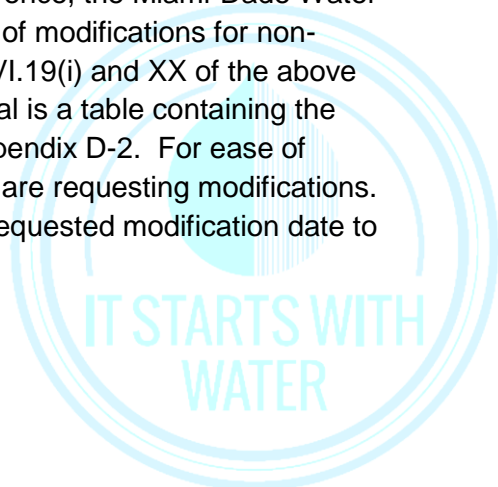
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Florida Department of Environmental Protection
Southeast District – Suite 200
400 N. Congress Ave.
West Palm Beach, FL 33401
Attn: Compliance/Enforcement Section
Diane.Pupa@dep.state.fl.us

**RE: Consent Decree (Case: No. 1:12-cv-24400-FAM)
Reference DOJ Case No. 90-5-1-1-4022/1
Section VI –Specific Capital Improvement Projects, Paragraph 19(i)
Section XX-Modification
2015 Request for Modifications of Non-Material Changes to Interim Milestones to CD
Appendix D-2**

Dear Sir/Madam:

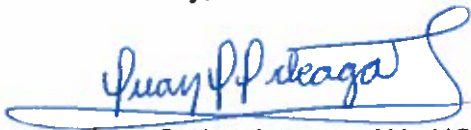
Pursuant to our discussions during our June 18th telephone conference, the Miami-Dade Water and Sewer Department (MDWASD) respectfully request approval of modifications for non-material changes to Appendix D-2 in conformance with Sections VI.19(i) and XX of the above referenced Consent Decree. Attached for your review and approval is a table containing the non-material modifications to certain dates for phased work in Appendix D-2. For ease of identification, the dates highlighted in blue are those for which we are requesting modifications. In addition, the table also illustrates the variance (in days) of the requested modification date to the previously approved interim milestone date.



I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Should you have any questions regarding this matter, please call me at (786) 552-8571.

Sincerely,



Juan Carlos Arteaga, AIA, NCARB, CBO, APA, LEED® AP
Deputy Director for Regulatory Compliance & Capital Improvements

Attachments: Request for Modifications of Non-Material Changes to Interim Milestones to CD
Appendix D-2 Table

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Abby Diaz (CD PMCM)
Cynthia Doyon (CD PMCM)

MDWASD Consent Decree Program
New Requested EPA Interim Milestone Dates
(May 2015 Update)

EPA Interim Milestone ID	Activity Name	Current Start	Requested Start	Start Variance	Current Finish	Requested Finish	Finish Variance
WASD Consent Decree Baseline Schedule Revision 0 - May 2015 Update							
1. South District WWTP							
1.1 Headworks							
1.1.1	Engineering Design - SD Headworks	1-Oct-15	1-Oct-15	-	26-Apr-16	26-Apr-16	-
1.1.2	Permitting - SD Headworks	27-Apr-16	27-Apr-16	-	26-Apr-17	26-Apr-17	-
1.1.3	Procurement - SD Headworks	27-Apr-17	27-Apr-17	-	25-Apr-18	25-Apr-18	-
1.1.4	Construction - SD Headworks	26-Apr-18	26-Apr-18	-	23-Feb-20	23-Feb-20	-
1.2 Oxygen Production							
1.2.1	Engineering Design - SD Oxygen Production	1-Jan-15	1-Jan-15	-	23-Aug-15	29-May-16	(280.00)
1.2.2	Permitting - SD Oxygen Production	24-Aug-15	30-May-16	(280.00)	22-Aug-16	25-Nov-16	(95.00)
1.2.3	Procurement - SD Oxygen Production	23-Aug-16	26-Nov-16	(95.00)	22-Aug-17	22-Aug-17	-
1.2.4	Construction - SD Oxygen Production	23-Aug-17	23-Aug-17	-	13-Sep-19	13-Sep-19	-
1.3 Oxygenation Trains							
1.3 (2) - Oxygenation Trains - Mixer Upgrades							
1.3.1	Engineering Design - SD Oxygenation Trains Mixer Upgrades	1-Nov-16	1-Nov-16	-	17-Jul-17	17-Jul-17	-
1.3.2	Permitting - SD Oxygenation Trains Mixer Upgrades	18-Jul-17	18-Jul-17	-	17-Jul-18	17-Jul-18	-
1.3.3	Procurement - SD Oxygenation Trains Mixer Upgrades	18-Jul-18	18-Jul-18	-	17-Jul-19	17-Jul-19	-
1.3 (1) - Oxygenation Trains Structural Rehab							
1.3.4	Construction Train 5 - SD Oxygenation Trains	18-Jul-19	18-Jul-19	-	17-Nov-19	17-Nov-19	-
1.3.5	Construction Train 6 - SD Oxygenation Trains	17-Jul-20	17-Jul-20	-	16-Nov-20	16-Nov-20	-
1.3.6	Construction Train 4 - SD Oxygenation Trains	16-Jul-21	16-Jul-21	-	16-Nov-21	16-Nov-21	-
1.3.7	Construction Train 3 - SD Oxygenation Trains	17-Jul-22	17-Jul-22	-	17-Nov-22	17-Nov-22	-
1.3.8	Construction Train 2 - SD Oxygenation Trains	17-Jul-23	17-Jul-23	-	17-Nov-23	17-Nov-23	-
1.3.9	Construction Train 1 - SD Oxygenation Trains	17-Jul-24	17-Jul-24	-	17-Nov-24	17-Nov-24	-
1.3.10	Construction Train 7 - SD Oxygenation Trains	17-Jul-25	17-Jul-25	-	16-Nov-25	16-Nov-25	-
1.4 Chlorine Building							
1.4.1	Engineering Design - SD Chlorine Building	1-Dec-18	1-Dec-18	-	10-Apr-19	10-Apr-19	-
1.4.2	Permitting - SD Chlorine Building	11-Apr-19	11-Apr-19	-	9-Apr-20	9-Apr-20	-
1.4.3	Procurement - SD Chlorine Building	10-Apr-20	10-Apr-20	-	9-Apr-21	9-Apr-21	-
1.4.4	Construction - SD Chlorine Building	10-Apr-21	10-Apr-21	-	1-Jun-22	1-Jun-22	-
1.5 Effluent Pump Station							
1.5.1	Engineering Design - SD Effluent Pump Station	1-Sep-16	1-Sep-16	-	10-Jul-17	10-Jul-17	-
1.5.2	Permitting - SD Effluent Pump Station	11-Jul-17	11-Jul-17	-	10-Jul-18	10-Jul-18	-
1.5.3	Procurement - SD Effluent Pump Station	11-Jul-18	11-Jul-18	-	10-Jul-19	10-Jul-19	-
1.5.4	Construction - SD Effluent Pump Station	11-Jul-19	11-Jul-19	-	7-Apr-22	7-Apr-22	-
1.6 Gravity Sludge Thickeners							
1.6.1	Engineering Design - SD Gravity Sludge Thickeners	1-Jan-18	1-Jan-18	-	18-Aug-18	18-Aug-18	-
1.6.2	Permitting - SD Gravity Sludge Thickeners	19-Aug-18	19-Aug-18	-	18-Aug-19	18-Aug-19	-
1.6.3	Procurement - SD Gravity Sludge Thickeners	19-Aug-19	19-Aug-19	-	17-Aug-20	17-Aug-20	-
1.6.4	Construction - SD Gravity Sludge Thickeners	18-Aug-20	18-Aug-20	-	24-Sep-22	24-Sep-22	-

MDWASD Consent Decree Program
New Requested EPA Interim Milestone Dates
(May 2015 Update)

EPA Interim Milestone ID	Activity Name	Current Start	Requested Start	Start Variance	Current Finish	Requested Finish	Finish Variance
1.7 Digesters and Control Building							
1.7.1	Engineering Design - SD Digesters & Control Building	3-Jul-14	3-Jul-14	-	31-Jul-16	31-Jul-16	-
1.7.2	Permitting - SD Digesters & Control Building	27-Jul-14	16-Jun-16	-	26-Jul-15	12-Dec-16	(505.00)
1.7.3	Procurement - SD Digesters & Control Building	27-Jul-15	13-Dec-16	(505.00)	25-Jul-16	8-Sep-17	(410.00)
1.7.4	Construction - SD Digesters & Control Building	26-Jul-16	9-Sep-17	(410.00)	28-Oct-21	28-Oct-21	-
1.8 Dewatering Facility							
1.8.1	Engineering Design (DCP) - SD Dewatering Facilities	1-Jul-14	1-Mar-15	-	13-Apr-15	16-Mar-16	-
1.8.2	Permitting - SD Dewatering Facilities	14-Apr-15	12-Jun-17	-	12-Apr-16	26-Dec-17	(623.00)
1.8.3	Procurement - SD Dewatering Facilities	13-Apr-16	13-Apr-16	-	12-Apr-17	12-Apr-17	-
1.8.4	Construction - SD Dewatering Facilities	13-Apr-17	12-Jun-17	(60.00)	28-Nov-19	28-Nov-19	-
1.9 FOG Removal Facility							
1.9.1	Engineering Design - SD FOG Removal Facility	8-Jul-14	8-Jul-14	-	30-Jun-15	16-Feb-16	(231.00)
1.9.2	Permitting - SD FOG Removal Facility	1-Jul-15	17-Feb-16	(231.00)	27-Dec-15	15-Jun-16	(171.00)
1.9.3	Procurement - SD FOG Removal Facility	3-May-15	16-Jun-16	-	1-May-16	12-Dec-16	(225.00)
1.9.4	Construction - SD FOG Removal Facility	2-May-16	13-Dec-16	(225.00)	7-Dec-17	7-Dec-17	-
1.10 Odor Control							
1.10.1	Engineering Design - SD Odor Control	1-Dec-18	1-Dec-18	-	27-Jun-19	27-Jun-19	-
1.10.2	Permitting - SD Odor Control	28-Jun-19	28-Jun-19	-	26-Jun-20	26-Jun-20	-
1.10.3	Procurement - SD Odor Control	27-Jun-20	27-Jun-20	-	26-Jun-21	26-Jun-21	-
1.10.4	Construction - SD Odor Control	27-Jun-21	27-Jun-21	-	25-Apr-23	25-Apr-23	-
1.11 General Electrical							
1.11.1	Engineering Design - SD General Electrical	1-Nov-16	1-Nov-16	-	28-May-17	28-May-17	-
1.11.2	Permitting - SD General Electrical	29-May-17	29-May-17	-	28-May-18	28-May-18	-
1.11.3	Procurement - SD General Electrical	29-May-18	29-May-18	-	28-May-19	28-May-19	-
1.11.4	Construction - SD General Electrical	29-May-19	29-May-19	-	26-Mar-21	26-Mar-21	-
1.12 Chlorine Contact Chamber Structural Rehab							
1.12.1	Engineering Design - SD Chlorine Contact Chamber Struct. Rehab	1-Aug-16	1-Aug-16	-	8-Apr-17	8-Apr-17	-
1.12.2	Permitting - SD Chlorine Contact Chamber Struct. Rehab	9-Apr-17	9-Apr-17	-	8-Apr-18	8-Apr-18	-
1.12.3	Procurement - SD Chlorine Contact Chamber Struct. Rehab	9-Apr-18	9-Apr-18	-	8-Apr-19	8-Apr-19	-
1.12.4	Construction - SD Chlorine Contact Chamber Struct. Rehab	9-Apr-19	9-Apr-19	-	18-Jun-21	18-Jun-21	-
2. Central District WWTP							
2.1 Miscellaneous Electrical Improvements							
2.1.1	Engineering Design - CD Misc. Elect.Improvements	1-Jan-17	1-Jan-17	-	20-Jun-17	20-Jun-17	-
2.1.2	Permitting - CD Misc. Elect.Improvements	21-Jun-17	21-Jun-17	-	20-Jun-18	20-Jun-18	-
2.1.3	Procurement - CD Misc. Elect.Improvements	21-Jun-18	21-Jun-18	-	20-Jun-19	20-Jun-19	-
2.1.4	Construction - CD Misc. Elect.Improvements	21-Jun-19	21-Jun-19	-	6-Mar-20	6-Mar-20	-
2.2 Building Improvements							
2.2.1	Engineering Design - CD Repairs to Various Buildings	1-May-14	1-May-14	-	18-Oct-14	22-Dec-15	-
2.2.2	Permitting - CD Repairs to Various Buildings	19-Oct-14	19-Oct-14	-	18-Oct-15	20-Apr-16	(185.00)
2.2.3	Procurement - CD Repairs to Various Buildings	19-Oct-15	19-Oct-15	-	17-Oct-16	17-Oct-16	-
2.2.4	Construction - CD Repairs to Various Buildings	18-Oct-16	18-Oct-16	-	6-Sep-17	6-Sep-17	-

MDWASD Consent Decree Program
New Requested EPA Interim Milestone Dates
(May 2015 Update)

EPA Interim Milestone ID	Activity Name	Current Start	Requested Start	Start Variance	Current Finish	Requested Finish	Finish Variance
2.3 Headworks/Grit Basin Plant 1							
2.3.1	Engineering Design - CD Headworks/Grit Basin Plant 1	1-Sep-14	6-Oct-14	-	4-Jul-15	5-Jan-16	(185.00)
2.3.2	Permitting - CD Headworks/Grit Basin Plant 1	4-Aug-14	6-Jan-16	-	3-Aug-15	4-May-16	(275.00)
2.3.3	Procurement - CD Headworks/Grit Basin Plant 1	4-Aug-15	6-Jan-16	(155.00)	2-Aug-16	2-Aug-16	-
2.3.4	Construction - CD Headworks/Grit Basin Plant 1	3-Aug-16	3-Aug-16	-	22-Oct-17	22-Oct-17	-
2.4 Headworks/Grit Basin Plant 2							
2.4.1	Engineering Design - CD Headworks/Grit Basin Plant 2	1-Sep-14	6-Oct-14	-	2-Oct-15	19-Feb-16	(140.00)
2.4.2	Permitting - CD Headworks/Grit Basin Plant 2	4-Mar-15	20-Feb-16	-	2-Mar-16	18-Jun-16	(108.00)
2.4.3	Procurement - CD Headworks/Grit Basin Plant 2	3-Mar-16	3-Mar-16	-	2-Mar-17	2-Mar-17	-
2.4.4	Construction - CD Headworks/Grit Basin Plant 2	3-Mar-17	3-Mar-17	-	22-May-18	22-May-18	-
2.5 Oxygenation Trains Plant 1							
2.5.1	Engineering Design - CD Oxygenation Trains Plant 1	1-Jun-14	1-Jun-14	-	2-Sep-14	2-Sep-14	-
2.5.2	Permitting - CD Oxygenation Trains Plant 1	3-Sep-14	3-Sep-14	-	2-Sep-15	2-Sep-15	-
2.5.3	Procurement (Mixers) - CD Oxygenation Trains Plant 1	3-Sep-15	3-Sep-15	-	1-Sep-16	1-Sep-16	-
2.5.4	Structural Rehab Train #2 - CD Oxygenation Trains Plant 1	1-Oct-16	14-Dec-16	(74.00)	14-Apr-17	14-Apr-17	-
2.5.5	Structural Rehab Train #3 - CD Oxygenation Trains Plant 1	1-Oct-17	15-Dec-17	(75.00)	15-Apr-18	15-Apr-18	-
2.6 Oxygenation Trains Plant 2							
2.6.1	Engineering Design - CD Oxygenation Trains Plant 2	1-Jun-16	1-Jun-16	-	2-Sep-16	2-Sep-16	-
2.6.2	Permitting - CD Oxygenation Trains Plant 2	3-Sep-16	3-Sep-16	-	2-Sep-17	2-Sep-17	-
2.6.3	Procurement (Mixers) - CD Oxygenation Trains Plant 2	3-Sep-17	3-Sep-17	-	2-Sep-18	16-Nov-18	(75.00)
2.6.4	Structural Rehab Train #1 - CD Oxygenation Trains Plant 2	3-Sep-18	16-Dec-18	(104.00)	18-Mar-19	18-Mar-19	-
2.6.5	Structural Rehab Train #2 - CD Oxygenation Trains Plant 2	1-Oct-19	16-Dec-19	(76.00)	14-Apr-20	14-Apr-20	-
2.6.6	Structural Rehab Train #3 - CD Oxygenation Trains Plant 2	1-Oct-20	15-Dec-20	(75.00)	15-Apr-21	15-Apr-21	-
2.6.7	Structural Rehab Train #4 - CD Oxygenation Trains Plant 2	1-Oct-21	16-Dec-21	(76.00)	14-Apr-22	14-Apr-22	-
2.7 Secondary Clarifiers Plant 1							
2.7.1	Engineering Design - CD Secondary Clarifiers Plant 1	1-Apr-21	1-Apr-21	-	5-Oct-21	5-Oct-21	-
2.7.2	Permitting - CD Secondary Clarifiers Plant 1	6-Oct-21	6-Oct-21	-	5-Oct-22	5-Oct-22	-
2.7.3	Procurement - CD Secondary Clarifiers Plant 1	6-Oct-22	6-Oct-22	-	5-Oct-23	5-Oct-23	-
2.7.4	Construction Clarifiers 1&2 - CD Secondary Clarifiers Plant 1	6-Oct-23	6-Oct-23	-	17-Sep-24	17-Sep-24	-
2.7.5	Construction Clarifiers 3&4 - CD Secondary Clarifiers Plant 1	18-Sep-24	18-Sep-24	-	31-Aug-25	31-Aug-25	-
2.7.6	Construction Clarifiers 5&6 - CD Secondary Clarifiers Plant 1	1-Sep-25	1-Sep-25	-	15-Aug-26	15-Aug-26	-
2.8 Secondary Clarifiers Plant 2							
2.8.1	Engineering Design - CD Secondary Clarifiers Plant 2	1-Jun-16	1-Jun-16	-	5-Dec-16	5-Dec-16	-
2.8.2	Permitting - CD Secondary Clarifiers Plant 2	6-Dec-16	6-Dec-16	-	5-Dec-17	5-Dec-17	-
2.8.3	Procurement - CD Secondary Clarifiers Plant 2	6-Dec-17	6-Dec-17	-	5-Dec-18	5-Dec-18	-
2.8.4	Construction Clarifiers 1&2 - CD Secondary Clarifiers Plant 2	6-Dec-18	6-Dec-18	-	18-Nov-19	18-Nov-19	-
2.8.5	Construction Clarifiers 3&4 - CD Secondary Clarifiers Plant 2	19-Nov-19	19-Nov-19	-	1-Nov-20	1-Nov-20	-
2.8.6	Construction Clarifiers 5&6 - CD Secondary Clarifiers Plant 2	2-Nov-20	2-Nov-20	-	15-Oct-21	15-Oct-21	-
2.8.7	Construction Clarifiers 7&8 - CD Secondary Clarifiers Plant 2	16-Oct-21	16-Oct-21	-	28-Sep-22	28-Sep-22	-
2.8.8	Construction Clarifiers 9&10 - CD Secondary Clarifiers Plant 2	29-Sep-22	29-Sep-22	-	12-Sep-23	12-Sep-23	-

MDWASD Consent Decree Program
New Requested EPA Interim Milestone Dates
(May 2015 Update)

EPA Interim Milestone ID	Activity Name	Current Start	Requested Start	Start Variance	Current Finish	Requested Finish	Finish Variance
2.9 Return Sludge PS Plant 1							
2.9.1	Engineering Design - CD Return Sludge PS Plant 1	1-Apr-21	1-Apr-21	-	5-Oct-21	5-Oct-21	-
2.9.2	Permitting - CD Return Sludge PS Plant 1	6-Oct-21	6-Oct-21	-	5-Oct-22	5-Oct-22	-
2.9.3	Procurement - CD Return Sludge PS Plant 1	6-Oct-22	6-Oct-22	-	5-Oct-23	5-Oct-23	-
2.9.4	Construction PS #1 - CD Return Sludge PS Plant 1	6-Oct-23	6-Oct-23	-	17-Sep-24	17-Sep-24	-
2.9.5	Construction PS #2 - CD Return Sludge PS Plant 1	18-Sep-24	18-Sep-24	-	31-Aug-25	31-Aug-25	-
2.9.6	Construction PS #3 - CD Return Sludge PS Plant 1	1-Sep-25	1-Sep-25	-	15-Aug-26	15-Aug-26	-
2.10 Return Sludge PS Plant 2							
2.10.1	Engineering Design - CD Return Sludge PS Plant 2	1-Jan-17	1-Jan-17	-	5-Dec-16	5-Dec-16	-
2.10.2	Permitting - CD Return Sludge PS Plant 2	6-Dec-16	6-Dec-16	-	5-Dec-17	5-Dec-17	-
2.10.3	Procurement - CD Return Sludge PS Plant 2	6-Dec-17	6-Dec-17	-	5-Dec-18	5-Dec-18	-
2.10.4	Construction PS #1 - CD Return Sludge PS Plant 2	6-Dec-18	6-Dec-18	-	18-Nov-19	18-Nov-19	-
2.10.5	Construction PS #2 - CD Return Sludge PS Plant 2	19-Nov-19	19-Nov-19	-	1-Nov-20	1-Nov-20	-
2.10.6	Construction PS #3 - CD Return Sludge PS Plant 2	2-Nov-20	2-Nov-20	-	15-Oct-21	15-Oct-21	-
2.10.7	Construction PS #4 - CD Return Sludge PS Plant 2	16-Oct-21	16-Oct-21	-	28-Sep-22	28-Sep-22	-
2.10.8	Construction PS #5 - CD Return Sludge PS Plant 2	29-Sep-22	29-Sep-22	-	12-Sep-23	12-Sep-23	-
2.11 Effluent Pump Station							
2.11.1	Engineering Design - CD Effluent Pump Station	1-Jan-17	1-Jan-17	-	20-Jun-17	20-Jun-17	-
2.11.2	Permitting - CD Effluent Pump Station	21-Jun-17	21-Jun-17	-	20-Jun-18	20-Jun-18	-
2.11.3	Procurement - CD Effluent Pump Station	21-Jun-18	21-Jun-18	-	20-Jun-19	20-Jun-19	-
2.11.4	Construction - CD Effluent Pump Station	21-Jun-19	21-Jun-19	-	9-May-20	9-May-20	-
2.12 Gravity Sludge Thickeners Plant 1							
2.12.1	Engineering Design - CD Gravity Sludge Thickeners Plant 1	1-Apr-17	1-Apr-17	-	5-Oct-17	5-Oct-17	-
2.12.2	Permitting - CD Gravity Sludge Thickeners Plant 1	6-Oct-17	6-Oct-17	-	5-Oct-18	5-Oct-18	-
2.12.3	Procurement - CD Gravity Sludge Thickeners Plant 1	6-Oct-18	6-Oct-18	-	5-Oct-19	5-Oct-19	-
2.12.4	Construction - CD Gravity Sludge Thickeners Plant 1	6-Oct-19	6-Oct-19	-	23-Apr-21	23-Apr-21	-
2.13 Gravity Sludge Thickeners Plant 2							
2.13.1	Engineering Design - CD Gravity Sludge Thickeners Plant 2	1-Oct-15	1-Oct-15	-	5-Apr-16	5-Apr-16	-
2.13.2	Permitting - CD Gravity Sludge Thickeners Plant 2	6-Apr-16	11-Dec-17	(614.00)	5-Apr-17	11-Dec-17	(250.00)
2.13.3	Procurement - CD Gravity Sludge Thickeners Plant 2	6-Apr-17	6-Apr-17	-	5-Apr-18	5-Apr-18	-
2.13.4	Construction - CD Gravity Sludge Thickeners Plant 2	6-Apr-18	6-Apr-18	-	23-Oct-19	23-Oct-19	-
2.14 Digesters Plant 1							
2.14.1 Cluster 1							
2.14.1.1	Engineering Design - CD Digesters Plant 1 Cluster 1	1-May-20	1-May-20	-	4-Nov-20	4-Nov-20	-
2.14.1.2	Permitting - CD Digesters Plant 1 Cluster 1	5-Nov-20	5-Nov-20	-	4-Nov-21	4-Nov-21	-
2.14.1.3	Procurement - CD Digesters Plant 1 Cluster 1	5-Nov-21	5-Nov-21	-	4-Nov-22	4-Nov-22	-
2.14.1.4	Construction - CD Digesters Plant 1 Cluster 1	5-Nov-22	5-Nov-22	-	18-Jun-24	18-Jun-24	-
2.14.2 Cluster 2							
2.14.2.1	Engineering Design - CD Digesters Plant 1 Cluster 2	1-Dec-21	1-Dec-21	-	6-Jun-22	6-Jun-22	-
2.14.2.2	Permitting - CD Digesters Plant 1 Cluster 2	7-Jun-22	7-Jun-22	-	6-Jun-23	6-Jun-23	-
2.14.2.3	Procurement - CD Digesters Plant 1 Cluster 2	7-Jun-23	7-Jun-23	-	5-Jun-24	5-Jun-24	-
2.14.2.4	Construction - CD Digesters Plant 1 Cluster 2	6-Jun-24	6-Jun-24	-	19-Jan-26	19-Jan-26	-

MDWASD Consent Decree Program
New Requested EPA Interim Milestone Dates
(May 2015 Update)

EPA Interim Milestone ID	Activity Name	Current Start	Requested Start	Start Variance	Current Finish	Requested Finish	Finish Variance
2.15 Digesters Plant 2							
2.15.1 Cluster 1							
2.15.1.1	Engineering Design - CD Digesters Plant 2 Cluster 1	11-Jun-14	11-Jun-14	-	29-Oct-15	29-Oct-15	-
2.15.1.2	Permitting - CD Digesters Plant 2 Cluster 1	1-Aug-15	30-Sep-15	(60.00)	27-Jan-16	27-Mar-16	(60.00)
2.15.1.3	Procurement - CD Digesters Plant 2 Cluster 1	28-Jan-16	28-Mar-16	(60.00)	23-Sep-16	23-Sep-16	-
2.15.1.4	Construction - CD Digesters Plant 2 Cluster 1	24-Sep-16	24-Sep-16	-	18-Nov-17	18-Nov-17	-
2.15.2 Cluster 2							
2.15.2.1	Engineering Design - CD Digesters Plant 2 Cluster 2	10-Jan-18	10-Jan-18	-	7-Dec-18	7-Dec-18	-
2.15.2.2	Permitting - CD Digesters Plant 2 Cluster 2	8-Dec-18	8-Dec-18	-	7-Dec-19	7-Dec-19	-
2.15.2.3	Procurement - CD Digesters Plant 2 Cluster 2	8-Dec-19	8-Dec-19	-	6-Dec-20	6-Dec-20	-
2.15.2.4	Construction - CD Digesters Plant 2 Cluster 2	7-Dec-20	7-Dec-20	-	21-Jul-22	21-Jul-22	-
2.15.3 Cluster 3							
2.15.3.1	Engineering Design - CD Digesters Plant 2 Cluster 3	10-Jul-16	10-Jul-16	-	6-Jun-17	6-Jun-17	-
2.15.3.2	Permitting - CD Digesters Plant 2 Cluster 3	7-Jun-17	7-Jun-17	-	6-Jun-18	6-Jun-18	-
2.15.3.3	Procurement - CD Digesters Plant 2 Cluster 3	7-Jun-18	7-Jun-18	-	6-Jun-19	6-Jun-19	-
2.15.3.4	Construction - CD Digesters Plant 2 Cluster 3	7-Jun-19	7-Jun-19	-	18-Jan-21	18-Jan-21	-
2.15.4 Cluster 4							
2.15.4.1	Engineering Design - CD Digesters Plant 2 Cluster 4	19-Mar-15	30-Jun-15	-	13-Feb-16	11-Mar-16	(27.00)
2.15.4.2	Permitting - CD Digesters Plant 2 Cluster 4	14-Feb-16	12-Mar-16	(27.00)	12-Feb-17	12-Feb-17	-
2.15.4.3	Procurement - CD Digesters Plant 2 Cluster 4	13-Feb-17	13-Feb-17	-	12-Feb-18	12-Feb-18	-
2.14.4.4	Construction - CD Digesters Plant 2 Cluster 4	13-Feb-18	13-Feb-18	-	28-Sep-19	28-Sep-19	-
2.16 Dewatering Building							
2.16.1	Engineering Design - CD Dewatering Building	1-Jun-16	1-Jun-16	-	1-Aug-17	1-Aug-17	-
2.16.2	Permitting - CD Dewatering Building	2-Aug-17	2-Aug-17	-	1-Aug-18	1-Aug-18	-
2.16.3	Procurement - CD Dewatering Building	2-Aug-18	2-Aug-18	-	1-Aug-19	1-Aug-19	-
2.16.4	Construction - CD Dewatering Building	2-Aug-19	2-Aug-19	-	7-Aug-21	7-Aug-21	-
2.17 Chlorination Facilities							
2.17.1	Engineering Design - CD Chlorination Facilities	1-Oct-13	1-Oct-13	-	7-Sep-14	7-Feb-16	-
2.17.2	Permitting - CD Chlorination Facilities	8-Sep-14	8-Feb-16	-	7-Sep-15	6-Jun-16	(273.00)
2.17.3	Procurement - CD Chlorination Facilities	8-Sep-15	8-Feb-16	(153.00)	6-Sep-16	6-Sep-16	-
2.17.4	Construction - CD Chlorination Facilities	7-Sep-16	7-Sep-16	-	29-Sep-17	29-Sep-17	-
2.18 Odor Control Systems							
2.18.1	Engineering Design - CD Odor Control Systems	1-Oct-16	1-Oct-16	-	17-Jun-17	17-Jun-17	-
2.18.2	Permitting - CD Odor Control Systems	18-Jun-17	18-Jun-17	-	17-Jun-18	17-Jun-18	-
2.18.3	Procurement - CD Odor Control Systems	18-Jun-18	18-Jun-18	-	17-Jun-19	17-Jun-19	-
2.18.4	Construction - CD Odor Control Systems	18-Jun-19	18-Jun-19	-	9-Jul-20	9-Jul-20	-
2.19 Co-Gen Improvements							
2.19.1	Engineering Design - CD Co-Gen Improvements	1-May-14	1-May-14	-	17-Aug-15	9-Aug-16	(358.00)
2.19.2	Permitting - CD Co-Gen Improvements	18-Aug-15	18-Aug-15	-	16-Aug-16	5-Feb-17	(173.00)
2.19.3	Procurement - CD Co-Gen Improvements	17-Aug-16	17-Aug-16	-	16-Aug-17	16-Aug-17	-
2.19.4	Construction - CD Co-Gen Improvements	17-Aug-17	17-Aug-17	-	31-Mar-19	31-Mar-19	-

MDWASD Consent Decree Program
New Requested EPA Interim Milestone Dates
(May 2015 Update)

EPA Interim Milestone ID	Activity Name	Current Start	Requested Start	Start Variance	Current Finish	Requested Finish	Finish Variance
2.20 Septage Unloading Station							
2.20.1	Engineering Design - CD Septage Unloading Station	1-Nov-18	1-Nov-18	-	9-Aug-19	9-Aug-19	-
2.20.2	Permitting - CD Septage Unloading Station	10-Aug-19	10-Aug-19	-	8-Aug-20	8-Aug-20	-
2.20.3	Procurement - CD Septage Unloading Station	9-Aug-20	9-Aug-20	-	8-Aug-21	8-Aug-21	-
2.20.4	Construction - CD Septage Unloading Station	9-Aug-21	9-Aug-21	-	3-Jun-22	3-Jun-22	-
2.21 Pump Station No.1							
2.21.1	Engineering Design - CD Pump Station No. 1	1-Oct-16	1-Oct-16	-	5-Feb-17	5-Feb-17	-
2.21.2	Permitting - CD Pump Station No. 1	6-Feb-17	6-Feb-17	-	5-Feb-18	5-Feb-18	-
2.21.3	Procurement - CD Pump Station No. 1	6-Feb-18	6-Feb-18	-	5-Feb-19	5-Feb-19	-
2.21.4	Construction - CD Pump Station No. 1	6-Feb-19	6-Feb-19	-	23-Oct-19	23-Oct-19	-
2.22 Pump Station No.2							
2.22.1	Engineering Design - CD Pump Station No. 2	1-Oct-14	1-Mar-15	-	5-Feb-15	13-Mar-16	-
2.22.2	Permitting - CD Pump Station No. 2	6-Feb-15	6-Feb-15	-	5-Feb-16	9-Oct-16	(247.00)
2.22.3	Procurement - CD Pump Station No. 2	6-Feb-16	2-Jul-16	(147.00)	4-Feb-17	4-Feb-17	-
2.22.4	Construction - CD Pump Station No. 2	5-Feb-17	5-Feb-17	-	22-Oct-17	22-Oct-17	-
2.23 O2 Plant Process Controls Phase 2							
2.23.1	Engineering Design - CD O2 Plant Process Controls Phase 2	1-Oct-13	1-Oct-13	-	2-Feb-14	2-Feb-14	-
2.23.2	Permitting - CD O2 Plant Process Controls Phase 2	3-Feb-14	3-Feb-14	-	2-Feb-15	2-Feb-15	-
2.23.3	Procurement - CD O2 Plant Process Controls Phase 2	3-Feb-15	3-Feb-15	-	2-Feb-16	2-Feb-16	-
2.23.4	Construction - CD O2 Plant Process Controls Phase 2	3-Feb-16	3-Feb-16	-	9-Mar-17	9-Mar-17	-
2.24 Gas Monitoring and Alarms							
2.24.1	Engineering Design - CD Gas Monitoring and Alarms	1-Jan-15	1-Jan-15	-	4-Mar-15	22-Oct-15	-
2.24.2	Permitting - CD Gas Monitoring and Alarms	5-Mar-15	23-Oct-15	-	3-Mar-16	19-Apr-16	(47.00)
2.24.3	Procurement - CD Gas Monitoring and Alarms	4-Mar-16	20-Apr-16	(47.00)	3-Mar-17	3-Mar-17	-
2.24.4	Construction - CD Gas Monitoring and Alarms	4-Mar-17	4-Mar-17	-	19-Sep-17	19-Sep-17	-
2.25 Ventilation Improvements							
2.25.1	Engineering Design - CD Ventilation Improvements	1-Jan-21	1-Jan-21	-	7-Jul-21	7-Jul-21	-
2.25.2	Permitting - CD Ventilation Improvements	8-Jul-21	8-Jul-21	-	7-Jul-22	7-Jul-22	-
2.25.3	Procurement - CD Ventilation Improvements	8-Jul-22	8-Jul-22	-	7-Jul-23	7-Jul-23	-
2.25.4	Construction - CD Ventilation Improvements	8-Jul-23	8-Jul-23	-	27-Feb-25	27-Feb-25	-
2.26 Rehabilitation of Walkways and Stairways							
2.26.1	Construction - CD Rehab of Walkways & Stairways	1-Oct-13	1-Oct-13	-	27-Sep-27	27-Sep-27	-
2.27 Oxygen Production							
2.27.1	Engineering Design - CD Oxygen Production	1-Jan-15	1-Jan-15	-	31-Dec-15	6-Sep-16	(250.00)
2.27.2	Permitting - CD Oxygen Production	1-Jan-16	7-Sep-16	(250.00)	30-Dec-16	5-Mar-17	(65.00)
2.27.3	Procurement - CD Oxygen Production	31-Dec-16	6-Mar-17	(65.00)	30-Dec-17	30-Dec-17	-
2.27.4	Construction - CD Oxygen Production	31-Dec-17	31-Dec-17	-	30-Dec-19	30-Dec-19	-
2.28 SCADA RTU Upgrades							
2.28.1	Construction - CD SCADA RTU Upgrades	1-Oct-13	1-Oct-13	-	29-Mar-14	29-Mar-14	-
2.29 High Strength Influent Impact Study							
2.29.1	Engineering Study - CD High Strength Influent Study Impact	12-Feb-13	12-Feb-13	-	24-Jun-14	24-Jun-14	-

MDWASD Consent Decree Program
New Requested EPA Interim Milestone Dates
(May 2015 Update)

EPA Interim Milestone ID	Activity Name	Current Start	Requested Start	Start Variance	Current Finish	Requested Finish	Finish Variance
3. North District WWTP							
3.1 Headworks and Sludge Degritting & Transfer							
3.1.1	Engineering Design - ND Headworks & Sludge Degritting	20-Mar-13	20-Mar-13	-	19-Sep-14	19-Sep-14	-
3.1.2	Permitting - ND Headworks & Sludge Degritting	11-Jul-14	11-Jul-14	-	5-Sep-15	5-Sep-15	-
3.1.3	Procurement - ND Headworks & Sludge Degritting	1-Oct-14	16-Feb-15	-	27-Sep-15	3-Dec-15	(67.00)
3.1.4	Construction Phase 1: Screens - ND Headworks & Sludge Degritting	1-Oct-15	23-Dec-15	(83.00)	23-Dec-16	23-Dec-16	-
3.1.5	Construction Phase 2: Building Improvements - ND Headworks & Sludge Degritting	1-Oct-15	4-Dec-15	(64.00)	7-Apr-18	7-Apr-18	-
3.2 Primary Clarifiers and Odor Control							
3.2.1	Engineering Design - ND Primary Clarifiers & Odor Control	1-Nov-15	1-Nov-15	-	2-Jun-16	9-Mar-17	(280.00)
3.2.2	Permitting - ND Primary Clarifiers & Odor Control	3-Jun-16	10-Mar-17	(280.00)	2-Jun-17	5-Sep-17	(95.00)
3.2.3	Procurement - ND Primary Clarifiers & Odor Control	3-Jun-17	6-Sep-17	(95.00)	2-Jun-18	2-Jun-18	-
3.2.4	Construction - ND Primary Clarifiers & Odor Control	3-Jun-18	3-Jun-18	-	18-Apr-21	18-Apr-21	-
3.3 Oxygenation Trains							
3.3.1	Engineering Design - ND Oxygenation Trains	1-Jan-19	1-Jan-19	-	14-Oct-19	14-Oct-19	-
3.3.2	Permitting - ND Oxygenation Trains	15-Oct-19	15-Oct-19	-	13-Oct-20	13-Oct-20	-
3.3.3	Procurement - ND Oxygenation Trains	14-Oct-20	14-Oct-20	-	13-Oct-21	13-Oct-21	-
3.3.4	Construction - ND Oxygenation Trains	14-Oct-21	14-Oct-21	-	17-Jan-24	17-Jan-24	-
3.4 Oxygen Production							
3.4.1	Engineering Design - ND Oxygen Production	1-Apr-20	1-Apr-20	-	17-Dec-20	17-Dec-20	-
3.4.2	Permitting - ND Oxygen Production	18-Dec-20	18-Dec-20	-	17-Dec-21	17-Dec-21	-
3.4.3	Procurement - ND Oxygen Production	18-Dec-21	18-Dec-21	-	17-Dec-22	17-Dec-22	-
3.4.4	Construction - ND Oxygen Production	18-Dec-22	18-Dec-22	-	12-Jan-24	12-Jan-24	-
3.5 Secondary Clarifiers							
3.5.1	Engineering Design - ND Secondary Clarifiers	1-Dec-18	1-Dec-18	-	6-Feb-20	12-Nov-20	(280.00)
3.5.2	Permitting - ND Secondary Clarifiers	7-Feb-20	13-Nov-20	(280.00)	5-Feb-21	11-May-21	(95.00)
3.5.3	Procurement - ND Secondary Clarifiers	6-Feb-21	6-Feb-21	-	5-Feb-22	5-Feb-22	-
3.5.4	Construction - ND Secondary Clarifiers	6-Feb-22	6-Feb-22	-	24-Aug-27	24-Aug-27	-
3.6 Disinfection							
3.6.1	Engineering Design - ND Disinfection	1-Feb-17	1-Feb-17	-	6-Apr-17	6-Apr-17	-
3.6.2	Permitting - ND Disinfection	7-Apr-17	7-Apr-17	-	6-Apr-18	6-Apr-18	-
3.6.3	Procurement - ND Disinfection	7-Apr-18	7-Apr-18	-	6-Apr-19	6-Apr-19	-
3.6.4	Construction - ND Disinfection	7-Apr-19	7-Apr-19	-	9-Sep-20	9-Sep-20	-
3.7 Effluent Disposal							
3.7.1	Engineering Design - ND Effluent Disposal	1-Dec-15	1-Dec-15	-	12-Sep-16	12-Sep-16	-
3.7.2	Permitting - ND Effluent Disposal	13-Sep-16	13-Sep-16	-	12-Sep-17	27-Dec-19	(836.00)
3.7.3	Procurement - ND Effluent Disposal	13-Sep-17	13-Sep-17	-	12-Sep-18	7-May-20	(603.00)
3.7.4	Construction - ND Effluent Disposal	13-Sep-18	8-May-20	(603.00)	28-Dec-21	28-Dec-21	-
3.8 Plant Wide Electrical							
3.8.1	Engineering Design - ND Plant Wide Electrical	21-Apr-14	21-Apr-14	-	20-Jan-17	20-Jan-17	-
3.8.2	Permitting - ND Plant Wide Electrical	21-Jan-17	21-Jan-17	-	20-Jan-18	20-Jan-18	-
3.8.3	Procurement - ND Plant Wide Electrical	21-Jan-18	21-Jan-18	-	20-Jan-19	20-Jan-19	-
3.8.4	Construction - ND Plant Wide Electrical	21-Jan-19	21-Jan-19	-	20-Aug-22	20-Aug-22	-

MDWASD Consent Decree Program
New Requested EPA Interim Milestone Dates
(May 2015 Update)

EPA Interim Milestone ID	Activity Name	Current Start	Requested Start	Start Variance	Current Finish	Requested Finish	Finish Variance
3.9 Flood Mitigation							
3.9.1	Engineering Design - ND Flood Mitigation	21-Apr-14	21-Apr-14	-	30-May-15	30-May-15	-
3.9.2	Permitting - ND Flood Mitigation	27-Nov-14	31-May-15	-	26-Nov-15	26-Nov-15	-
3.9.3	Procurement - ND Flood Mitigation	27-Nov-15	27-Nov-15	-	25-Nov-16	25-Nov-16	-
3.9.4	Construction - ND Flood Mitigation	26-Nov-16	26-Nov-16	-	13-Aug-17	13-Aug-17	-
3.10 Yard Piping Replacement							
3.10.1	Engineering Design - ND Yard Piping Replacement	1-Nov-15	10-Apr-16	(161.00)	9-Oct-16	16-Jul-17	(280.00)
3.10.2	Permitting - ND Yard Piping Replacement	10-Oct-16	17-Jul-17	(280.00)	9-Oct-17	12-Jan-18	(95.00)
3.10.3	Procurement - ND Yard Piping Replacement	10-Oct-17	13-Jan-18	(95.00)	9-Oct-18	9-Oct-18	-
3.10.4	Construction - ND Yard Piping Replacement	10-Oct-18	10-Oct-18	-	4-Dec-21	4-Dec-21	-
3.11 SCADA RTU Upgrades							
3.11.1	Construction - ND SCADA RTU Upgrades	1-Oct-13	1-Oct-13	-	24-Mar-15	24-Mar-15	-
4. Wastewater Collection & Transmission Line							
4.1 Collection System I/I Repairs							
4.1.1	Construction - Collection System I/I Repair	1-Oct-13	1-Oct-13	-	27-Sep-27	27-Sep-27	-
4.2 Government Cut FM - Phase 1&2							
4.2.1	Construction - Government Cut FM Phase 1 & 2	1-Oct-12	1-Oct-12	-	30-Sep-13	30-Sep-13	-
4.3 Government Cut FM - Phase 3							
4.3.1	Engineering Design (DCP) - Government Cut FM Phase 3	30-Jan-13	30-Jan-13	-	22-Jan-14	22-Jan-14	-
4.3.2	Permitting - Government Cut FM Phase 3	14-Jul-14	14-Jul-14	-	10-Dec-14	12-Jun-16	-
4.3.3	Procurement - Government Cut FM Phase 3	8-May-14	8-May-14	-	7-May-15	7-May-15	-
4.3.4	Construction - Government Cut FM Phase 3	8-May-15	8-May-15	-	8-Apr-17	8-Apr-17	-
4.4 North Dade 72 inch PCCP FM Rehabilitation							
4.4.1	Engineering Design (DCP) - North Dade 72" PCCP FM Rehab	1-Oct-13	1-Oct-13	-	6-Mar-14	6-Mar-14	-
4.4.2	Permitting - North Dade 72" PCCP FM Rehab	4-Oct-14	7-Jul-16	-	6-Mar-15	8-Jul-17	-
4.4.3	Procurement - North Dade 72" PCCP FM Rehab	7-Mar-15	7-Mar-15	-	5-Mar-16	5-Mar-16	-
4.4.4	Construction - North Dade 72" PCCP FM Rehab	6-Mar-16	9-Jul-17	(490.00)	5-Mar-18	5-Mar-18	-
4.5 South Dade 54 inch PCCP FM Rehabilitation							
4.5.1	Engineering Design - South Dade 54" PCCP FM Rehab	5-Aug-14	5-Aug-14	-	20-Feb-15	15-Oct-15	-
4.5.2	Permitting - South Dade 54" PCCP FM Rehab	4-Jan-16	4-Jan-16	-	2-Jan-17	2-Jan-17	-
4.5.3	Procurement - South Dade 54" PCCP FM Rehab	7-Apr-15	18-Apr-16	-	5-Apr-16	14-Oct-16	(192.00)
4.5.4	Construction - South Dade 54" PCCP FM Rehab	6-Apr-16	15-Oct-16	(192.00)	27-Nov-17	27-Nov-17	-
4.6 Replacement of Tamiami Canal Aerial Crossing FM's at NW 37 Ave							
4.6.1	Engineering Design - Replace Tamiami Canal/NW 37 Ave Crossing	1-Oct-13	1-Oct-13	-	2-Jan-14	2-Jan-14	-
4.6.2	Permitting - Replace Tamiami Canal/NW 37 Ave Crossing	3-Jan-14	3-Jan-14	-	2-Jan-15	2-Jan-15	-
4.6.3	Procurement - Replace Tamiami Canal/NW 37 Ave Crossing	3-Jan-15	3-Jan-15	-	2-Jan-16	2-Jan-16	-
4.6.4	Construction - Replace Tamiami Canal/NW 37 Ave Crossing	3-Jan-16	3-Jan-16	-	29-Oct-16	29-Oct-16	-
4.7 Replacement of 18 inch DIP FM in Miami Lakes							
4.7.1	Engineering Design - Replace 18" DIP FM in Miami Lakes	1-Nov-13	1-Nov-13	-	8-May-14	8-May-14	-
4.7.2	Permitting - Replace 18" DIP FM in Miami Lakes	9-Jun-14	9-Jun-14	-	5-Mar-15	5-Mar-15	-
4.7.3	Procurement - Replace 18" DIP FM in Miami Lakes	6-Mar-15	6-Mar-15	-	4-Mar-16	4-Mar-16	-
4.7.4	Construction - Replace 18" DIP FM in Miami Lakes	5-Mar-16	5-Mar-16	-	9-Apr-17	9-Apr-17	-

MDWASD Consent Decree Program
New Requested EPA Interim Milestone Dates
(May 2015 Update)

EPA Interim Milestone ID	Activity Name	Current Start	Requested Start	Start Variance	Current Finish	Requested Finish	Finish Variance
4.8 Rehabilitation of 54 inch PCCP FM in the City							
4.8.1	Engineering Design (DCP) - Rehab 54" PCCP FM in the City	6-Oct-14	16-Feb-15	-	3-Apr-15	11-Nov-15	-
4.8.2	Permitting - Rehab 54" PCCP FM in the City	4-Apr-15	12-Nov-15	-	29-Dec-15	29-Dec-15	-
4.8.3	Procurement - Rehab 54" PCCP FM in the City	6-Mar-15	22-Dec-15	-	4-Mar-16	19-Apr-16	(46.00)
4.8.4	Construction - Rehab 54" PCCP FM in the City	5-Mar-16	20-Apr-16	(46.00)	9-Apr-17	9-Apr-17	-
4.9 Replace Approximately 30 miles of AC FM Transmission System							
4.9.1	Engineering Design - Replace ~30 miles of AC FM Trans System	1-Nov-13	1-Nov-13	-	9-Oct-14	16-Jan-18	-
4.9.2	Permitting - Replace ~30 miles of AC FM Trans System	10-Oct-14	10-Oct-14	-	9-Oct-15	12-Nov-18	(1,130.00)
4.9.3	Procurement - Replace ~30 miles of AC FM Trans System	10-Oct-15	10-Oct-15	-	8-Oct-16	11-Apr-19	(915.00)
4.9.4	Construction - Replace ~30 miles of AC FM Trans System	9-Oct-16	9-Oct-16	-	8-Oct-19	8-Oct-19	-
4.10 Opa-Locka Airport 48" PCCP Force Main Replacement							
4.10.1	Engineering Design - Replace 48" PCCP FM @ Opa-Locka Airport	6-Oct-14	17-Dec-14	-	23-Apr-15	27-Dec-15	-
4.10.2	Permitting - Replace 48" PCCP FM @ Opa-Locka Airport	29-Jul-14	24-May-16	-	28-Jul-15	23-Jul-16	(361.00)
4.10.3	Procurement - Replace 48" PCCP FM @ Opa-Locka Airport	29-Jul-15	24-Jul-16	(361.00)	27-Jul-16	22-Oct-16	(87.00)
4.10.4	Construction - Replace 48" PCCP FM @ Opa-Locka Airport	28-Jul-16	23-Oct-16	(87.00)	28-Jan-18	28-Jan-18	-
5. Sewer Pump Station System							
5.1 Upgrade of PS#0418							
5.1.1	Engineering Design - Upgrade PS#0418	1-Nov-13	1-Nov-13	-	6-Jun-14	6-Jun-14	-
5.1.2	Permitting - Upgrade PS#0418	14-Jul-14	14-Jul-14	-	17-Jun-15	1-Sep-15	-
5.1.3	Procurement - Upgrade PS#0418	7-Jun-15	2-Sep-15	-	5-Jun-16	5-Jun-16	-
5.1.4	Construction - Upgrade PS#0418	6-Jun-16	6-Jun-16	-	24-Nov-18	24-Nov-18	-
5.2 Upgrade of PS#0691							
5.2.1	Engineering Design - Upgrade PS#0691	7-Oct-14	26-Nov-14	-	19-Aug-15	9-Sep-16	(387.00)
5.2.2	Permitting - Upgrade PS#0691	10-Aug-14	10-Sep-16	-	9-Aug-15	8-Mar-17	(577.00)
5.2.3	Procurement - Upgrade PS#0691	10-Aug-15	9-Mar-17	(577.00)	8-Aug-16	3-Dec-17	(482.00)
5.2.4	Construction - Upgrade PS#0691	9-Aug-16	4-Dec-17	(482.00)	27-Jan-19	27-Jan-19	-
5.3 Upgrade of PS#0692							
5.3.1	Engineering Design - Upgrade PS#0692	7-Oct-14	26-Nov-14	-	15-May-15	5-Jan-16	-
5.3.2	Permitting - Upgrade PS#0692	10-Aug-14	22-Jun-16	-	9-Aug-15	8-Nov-16	(457.00)
5.3.3	Procurement - Upgrade PS#0692	10-Aug-15	9-Nov-16	(457.00)	8-Aug-16	5-Aug-17	(362.00)
5.3.4	Construction - Upgrade PS#0692	9-Aug-16	6-Aug-17	(362.00)	27-Jan-19	27-Jan-19	-
5.4 Replacement of Switchgear PS#0414							
5.4.1	Engineering Design - PS#0414	7-Oct-14	24-Jan-15	-	13-May-15	5-Mar-16	-
5.4.2	Permitting - PS#0414	14-May-15	20-Apr-16	-	12-May-16	6-Sep-16	(117.00)
5.4.3	Procurement - PS#0414	8-Jun-15	7-Sep-16	-	6-Jun-16	5-Mar-17	(272.00)
5.4.4	Construction - PS#0414	7-Jun-16	6-Mar-17	(272.00)	9-May-18	9-May-18	-

MDWASD Consent Decree Program
New Requested EPA Interim Milestone Dates
(May 2015 Update)

EPA Interim Milestone ID	Activity Name	Current Start	Requested Start	Start Variance	Current Finish	Requested Finish	Finish Variance
5.5 Replacement of Switchgear and Rehabilitation of Wetwell PS#0415							
5.5.1	Engineering Design - PS#0415	7-Oct-14	24-Jan-15	-	15-Jul-15	24-Apr-16	(284.00)
5.5.2	Permitting - PS#0415	10-Aug-14	25-Apr-16	-	9-Aug-15	21-Oct-16	(439.00)
5.5.3	Procurement - PS#0415	10-Aug-15	22-Oct-16	(439.00)	8-Aug-16	19-Apr-17	(254.00)
5.5.4	Construction - PS#0415	9-Aug-16	20-Apr-17	(254.00)	27-Jan-19	27-Jan-19	-
5.6 Replacement of Switchgear PS#0416							
5.6.1	Engineering Design - PS#0416	7-Oct-14	24-Jan-15	-	13-May-15	-	-
5.6.2	Permitting - PS#0416	14-May-15	31-Mar-16	-	12-May-16	28-Jul-16	(77.00)
5.6.3	Procurement - PS#0416	8-Jun-15	29-Jul-16	-	6-Jun-16	24-Jan-17	(232.00)
5.6.4	Construction - PS#0416	7-Jun-16	25-Jan-17	(232.00)	9-May-18	9-May-18	-
5.7 Replacement of Switchgear and Rehabilitation of Wetwell PS#0417							
5.7.1	Engineering Design - PS#0417	7-Oct-14	24-Jan-15	-	15-Jul-15	16-Apr-16	(276.00)
5.7.2	Permitting - PS#0417	10-Aug-14	21-Jun-16	-	9-Aug-15	18-Oct-16	(436.00)
5.7.3	Procurement - PS#0417	10-Aug-15	19-Oct-16	(436.00)	8-Aug-16	16-Apr-17	(251.00)
5.7.4	Construction - PS#0417	9-Aug-16	17-Apr-17	(251.00)	27-Jan-19	27-Jan-19	-
5.8 Replacement of Electrical and Mechanical Equipment in PS#0107							
5.8.1	Engineering Design - PS#0107	7-Oct-14	15-Apr-16	-	15-Jul-15	9-Sep-16	(422.00)
5.8.2	Permitting - PS#0107	10-Aug-14	10-Sep-16	-	9-Aug-15	8-Mar-17	(577.00)
5.8.3	Procurement - PS#0107	10-Aug-15	9-Mar-17	(577.00)	8-Aug-16	3-Dec-17	(482.00)
5.8.4	Construction - PS#0107	9-Aug-16	4-Dec-17	(482.00)	27-Jan-19	27-Jan-19	-
5.9 Replacement of Pumping and Electrical Equipment at PS#0301							
5.9.1	Engineering Design - PS#0301	7-Oct-14	20-Nov-14	-	13-May-15	8-Jan-16	-
5.9.2	Permitting - PS#0301	14-May-15	9-Jan-16	-	12-May-16	12-May-16	-
5.9.3	Procurement - PS#0301	8-Jun-15	8-May-16	-	6-Jun-16	3-Nov-16	(150.00)
5.9.4	Construction - PS#0301	7-Jun-16	4-Nov-16	(150.00)	9-May-18	9-May-18	-
5.10 Upgrade of PS#0488							
5.10.1	Engineering Design - Upgrade PS#0488	7-Oct-14	16-Feb-15	-	13-May-15	21-Dec-15	-
5.10.2	Permitting - Upgrade PS#0488	14-May-15	22-Dec-15	-	12-May-16	18-Jun-16	(37.00)
5.10.3	Procurement - Upgrade PS#0488	8-Jun-15	19-Jun-16	-	6-Jun-16	15-Mar-17	(282.00)
5.10.4	Construction - Upgrade PS#0488	7-Jun-16	16-Mar-17	(282.00)	9-May-18	9-May-18	-
5.11 Installation of 60 inch FM from Kendall Dr to PS#0536							
5.11.1	Engineering Design (DCP) - Install 60" FM from Kendal Dr. to PS#0536	7-Oct-14	17-Dec-14	-	13-May-15	23-Mar-16	-
5.11.2	Permitting - Install 60" FM from Kendal Dr. to PS#0536	14-May-15	24-Mar-16	-	12-May-16	21-Jul-16	(70.00)
5.11.3	Procurement - Install 60" FM from Kendal Dr. to PS#0536	8-Jun-15	22-Jul-16	-	6-Jun-16	17-Jan-17	(225.00)
5.11.4	Construction - Install 60" FM from Kendal Dr. to PS#0536	7-Jun-16	18-Jan-17	(225.00)	9-May-18	9-May-18	-
5.12 Replacement of Switchgear at PS#0187							
5.12.1	Engineering Design - Replace S/G at PS#0187	7-Oct-14	1-Feb-15	-	13-May-15	25-Nov-15	-
5.12.2	Permitting - Replace S/G at PS#0187	14-May-15	26-Nov-15	-	12-May-16	23-May-16	(11.00)
5.12.3	Procurement - Replace S/G at PS#0187	8-Jun-15	24-May-16	-	6-Jun-16	19-Nov-16	(166.00)
5.12.4	Construction - Replace S/G at PS#0187	7-Jun-16	20-Nov-16	(166.00)	9-May-18	9-May-18	-

MDWASD Consent Decree Program
New Requested EPA Interim Milestone Dates
(May 2015 Update)

EPA Interim Milestone ID	Activity Name	Current Start	Requested Start	Start Variance	Current Finish	Requested Finish	Finish Variance
5.13 Refurbish Emergency Generators and Controls at Regional Pump Stations							
5.13.1	Engineering Design (N/A) - Refurbish Emer Gen Controls at Pumpstations	2-Sep-14	12-Sep-14	-	10-Dec-14	26-Mar-15	-
5.13.2	Permitting (N/A) - Refurbish Emer Gen Controls at Pumpstations	11-Dec-14	11-Dec-14	-	9-Apr-15	9-Apr-15	-
5.13.3	Procurement - Refurbish Emer Gen Controls at Pumpstations	3-Jan-15	3-Jan-15	-	2-Jan-16	22-Jun-16	(172.00)
5.13.4	Construction - Refurbish Emer Gen Controls at Pumpstations	3-Jan-16	3-Jan-16	-	20-Jul-16	20-Jul-16	-
5.14 Upgrade of PS#0086, 0492							
5.14.1	Procurement - Upgrade PS#0086, 0492	8-Oct-12	8-Oct-12	-	5-Apr-13	5-Apr-13	-
5.14.2	Construction - Upgrade PS#0086, 0492	6-Apr-13	6-Apr-13	-	31-Dec-13	31-Dec-13	-
5.15 Upgrade of PS#0065, 0201, 0334, 0374, 0607							
5.15.1	Engineering Design - Upgrade PS#0065, 0201, 0334, 0374, 0607	1-Jan-14	1-Jan-14	-	10-Jul-14	10-Jul-14	-
5.15.2	Permitting - Upgrade PS#0065, 0201, 0334, 0374, 0607	10-Jul-14	10-Jul-14	-	8-Oct-14	8-Oct-14	-
5.15.3	Procurement - Upgrade PS#0065, 0201, 0334, 0374, 0607	8-Oct-14	8-Oct-14	-	6-Apr-15	6-Apr-15	-
5.15.4	Construction - Upgrade PS#0065, 0201, 0334, 0374, 0607	6-Apr-15	6-Apr-15	-	31-Dec-15	31-Dec-15	-
5.16 Upgrade of PS#0198, 0437, 0466, 0680							
5.16.1	Engineering Design - Upgrade PS#0198, 0437, 0466, 0680	2-Jan-15	2-Jan-15	-	10-Jul-15	6-Sep-15	(58.00)
5.16.2	Permitting - Upgrade PS#0198, 0437, 0466, 0680	11-Jul-15	7-Sep-15	(58.00)	8-Oct-15	5-Dec-15	(58.00)
5.16.3	Procurement - Upgrade PS#0198, 0437, 0466, 0680	9-Oct-15	6-Dec-15	(58.00)	5-Apr-16	2-Jun-16	(58.00)
5.16.4	Construction - Upgrade PS#0198, 0437, 0466, 0680	6-Apr-16	3-Jun-16	(58.00)	31-Dec-16	31-Dec-16	-
5.17 Upgrade of PS#0037, 0351, 0370, 0403							
5.17.1	Engineering Design - Upgrade PS#0037, 0351, 0370, 0403	2-Jan-16	2-Jan-16	-	9-Jul-16	9-Jul-16	-
5.17.2	Permitting - Upgrade PS#0037, 0351, 0370, 0403	10-Jul-16	10-Jul-16	-	7-Oct-16	7-Oct-16	-
5.17.3	Procurement - Upgrade PS#0037, 0351, 0370, 0403	8-Oct-16	8-Oct-16	-	5-Apr-17	5-Apr-17	-
5.17.4	Construction - Upgrade PS#0037, 0351, 0370, 0403	6-Apr-17	6-Apr-17	-	31-Dec-17	31-Dec-17	-
5.18 Upgrade of PS#0441, 0491, 0710, 0827, 0852, 1236							
5.18.1	Engineering Design - Upgarde PS#0441, 0491, 0710, 0827, 0852, 1236	1-Jan-17	1-Jan-17	-	9-Jul-17	9-Jul-17	-
5.18.2	Permitting - Upgarde PS#0441, 0491, 0710, 0827, 0852, 1236	10-Jul-17	10-Jul-17	-	7-Oct-17	7-Oct-17	-
5.18.3	Procurement - Upgarde PS#0441, 0491, 0710, 0827, 0852, 1236	8-Oct-17	8-Oct-17	-	5-Apr-18	5-Apr-18	-
5.18.4	Construction - Upgarde PS#0441, 0491, 0710, 0827, 0852, 1236	6-Apr-18	6-Apr-18	-	31-Dec-18	31-Dec-18	-
5.19 SCADA RTU Upgrades							
5.19.1	Construction - PS SCADA RTU Upgrades	1-Oct-13	1-Oct-13	-	18-Mar-16	18-Mar-16	-