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VIA ELECTRONIC CORRESPONDENCE

July 31, 2017 CCN: 61216 File No: 8.DC.20.33

Chief, Environmental Enforcement Section Environment and Natural Resources Division U.S. Department of Justice

P.O. Box 7611 Tom Mariani

Washington, D.C. 20044-7611 RE: DOJ No. 90-5-1-1-4022/1 Tom.Mariani@usdoi.gov

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Florida Department of Environmental Protection Southeast District – West Palm Beach 3301 Gun Club Road, MSC 7210-1 West Palm Beach, FL 33406 Attn: Compliance/Enforcement Section Jason.Andreotta@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 IX – Reporting Requirements, Paragraph 33 – Semi-Annual Reports – 2017
Semi-Annual Report No. 1

Dear Sir/Madam:

In accordance with the provisions of Paragraph 33 of the above referenced Consent Decree, on behalf of Miami-Dade County, the Water and Sewer Department (WASD) submits to both the United States Environmental Protection Agency (EPA) and the State of Florida Department of Environmental Protection (FDEP) the 2017 Semi-Annual Report No. 1. The report includes the progress made in implementing the requirements of the aforementioned Consent Decree during the period of time from January 1, 2017 through June 30, 2017. The report also includes the anticipated work to be completed over the next two calendar quarters through December 31, 2017.

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

CD Section IX, Paragraph 33, 2017 Semi-Annual Report No.1 July 31, 2017 Page 2

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) 552-8120.

Sincerely,

Bertha Goldenberg, P.E., ENV SP, LEED® Green Associate Assistant Director, Planning and Regulatory Compliance

Attachment: 2017 Semi-Annual Report No. 1

ec: Jonathan A. Glogau

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2017 Semi-Annual Report No. 1 (Sixth Semi-Annual Report)

January 1, 2017 through June 30, 2017

Prepared for

United States Environmental Protection Agency and Florida Department of Environmental Protection

Consent Decree

Case: No. 1:12-cv-24400-FAM

Prepared by

Miami-Dade County, Miami-Dade Water and Sewer Department and the Consent Decree Program Management Construction Management Team



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Acronyms and Abbreviations

AASIS Active As-built Supplemental Information Systems

AC Asbestos Cement

BODR Basis of Design Report

CD Consent Decree

CDWWTP Central District Wastewater Treatment Plant

CIP Capital Improvement Project

CIPP Cured in Place Pipe

CMOM Capacity, Management, Operations and Maintenance

County Miami-Dade County

DOJ Department of Justice

EFT Electronic Funds Transfer

EPA Environmental Protection Agency

FDEP Florida Department of Environmental Protection

FM Force Main

FMOPMARP Force Main Operations, Preventative Maintenance and

Assessment/Rehabilitation Program

FM R/R P Force Main Rehabilitation/Replacement Program

FOG Fats, Oils and Grease

FSE Food Service Establishments

GDO Grease Discharge Operations

GIS Geographic Information System

GPD Gallons per Day

GPM Gallons per Minute

GSS Gravity Sewer System

Acronyms and Abbreviations (continued)

I/I Inflow/Infiltration

IMS Information Management System

LF Linear Foot

LWT Liquid Waste Transporters

MGD Million Gallons per Day

N/A Not Applicable

NDWWTP North District Waste Water Treatment Plant

NPDES National Pollutant Discharge Elimination System

OOL Ocean Outfall Legislation

PDR Public Document Repository

PS Pump Station

PSOPMP Pump Station Operations and Preventative Maintenance Program

R & R Renewal and Replacement

RER-DERM Department of Regulatory and Economic Resources-Division of Environmental

Resources Management

RTU Remote Telemetry Unit

SCADA Supervisory Control and Data Acquisition

SDWWTP South District Waste Water Treatment Plant

SEP Supplemental Environmental Project

SORP Sewer Overflow Response Plan

SSAMP Sewer System Asset Management Program

SSO Sanitary Sewer Overflow

VFD Variable Frequency Drive

VSC Volume Sewer Customer

Acronyms and Abbreviations (continued)

WASD Miami-Dade Water and Sewer Department

WCTL Wastewater Collection and Transmission Line

WCTS Wastewater Collection and Transmission System

WWTP Wastewater Treatment Plant

1.0 Executive Summary

On May 21, 2013, Miami-Dade County ("County") approved a Consent Decree ("CD") with the United States of America, the State of Florida Department of Environmental Protection, and the State of Florida, in the case styled *United States of America et. al. v. Miami-Dade County, Florida*, No. 1:12-cv-24400-FAM. On June 6, 2013, the CD was lodged with the United States District Court for the Southern District of Florida ("Court"). The Effective Date of the CD is December 6, 2013 (six months after the date of lodging). On April 9, 2014, the Court approved the CD with the United States of America, the Florida Department of Environmental Protection, and the State of Florida.

The County submits this Semi-Annual Report ("Report") to the Environmental Protection Agency (EPA) and the State of Florida Department of Environmental Protection (FDEP) for review and comment in accordance with the requirements of Paragraph 33 of the CD. In accordance with the CD, this Report includes a description of the projects and activities completed and milestones achieved during the previous two calendar quarters (January 1, 2017 through June 30, 2017), and also provides projections for significant projects and activities anticipated to be completed in the next two calendar quarters (July 1, 2017 through December 31, 2017).

On March 18, 2014, the County approved a resolution of commitment not to transfer funds from the collection of sewer rates for purposes not related to the management, operation, or maintenance of the Sewer System or its capital improvement needs. During this reporting period, there were no transfers of funds from the Miami-Dade Water and Sewer Department (WASD) that are required to be tracked and reported by Subparagraph 19(j)(v) of the CD and the Policy Resolutions.

The County failed to meet the CD Compliance Date of April 9, 2017 for CD Appendix D-2 Capital Improvement Project (CIP) 4.8 – Rehabilitation of 54-inch PCCP Force Main in the City of Miami. There were three (3) separate Force Majeure Notification Letters submitted to the EPA and FDEP regarding CD CIP 4.8. On September 8, 2016, the County notified EPA and FDEP of a bid protest which resulted in a 30-day delay. On January 18, 2017, the County notified EPA and FDEP of a 5-day delay caused by a defective valve. On May 16, 2017, the County notified EPA and FDEP of a catastrophic failure of the newly installed high density polyethylene (HDPE) pipe during a routine pressure test which resulted in a 38-day delay. On April 3, 2017, EPA and FDEP sent a response letter indicating they would make their determination on whether or not to assess stipulated penalties upon completion of the project. On June 27, 2017, the County notified EPA and FDEP that CD CIP 4.8 was completed on June 16, 2017.

During the last reporting period, the County failed to meet the CD Compliance Date of December 31, 2016 for CD Appendix D-2 CIP 5.16 which has not been completed as of June 30, 2017. On January 27, 2017, the County notified EPA and FDEP of a delay due to an accident that resulted in a construction worker fatality. On February 21, 2017, the County submitted a revised Force Majeure Notification Letter due to Hurricane Matthew which resulted in a 7-day delay. On June

21, 2017, EPA requested additional information from the County regarding their force majeure requests to date. On June 29, 2017, the County responded to EPA's request.

The County failed to meet the requirement to post in the Public Document Repository (PDR) "Payment of 2017 FDEP Demand for Stipulated Penalties Notification Letter" within 24 hours of submittal. Beside the three aforementioned requirements, all other CD requirements were met for the previous two calendar quarters. The projects, activities, and milestones achieved, and the deliverables submitted to EPA/FDEP for review and comment are listed in Table 1-1. The upcoming projects, activities, milestones, and deliverables for the next two calendar quarters are listed in Table 1-2. Additional program and project information is included in the Work Progress Tables and Gantt charts in Appendix A and Appendix B, respectively.

Table 1-1 Completed CD Projects, Activities, Milestones, and Deliverables				
CD Projects, Activities, and Milestones	CD Reference	CD Deadline	Completion or Submittal Date	CD Compliant (Yes/No)
Make available a copy of each specified Deliverable in the Public Document Repository (PDR) no later than one business day from submission	Section V, para 9	Ongoing	Ongoing	No
Ensure Adequate Pumping, Transmission and Treatment Capacity under the conditions of CD Appendix A	Section VI, para 18(a)	Ongoing	Ongoing	Yes
Continue implementing existing Pump Station Remote Monitoring Program	Section VI, para 18(b)	Ongoing	Ongoing	Yes
Continue implementing existing Spare Parts Program	Section VI, para 18(d)	Ongoing	Ongoing	Yes
Continued Implementation of Sanitary Sewer Overflow (SSO) Identification and Reporting	Section VI, para 19(b)	Within 24 hours and 5 days of known occurrence	Ongoing	Yes
Submit Potential Delay Notification Letter for CD CIP 4.8	Section VI, para 52 & Section XVII para 77	N/A	1/18/2017	Yes
Post Potential Delay Notification Letter for CD CIP 4.8 in PDR	Section V, para 9	1 business day after submittal	1/18/2017	Yes
Submit Delay of CD Appendix D-2 CIP 5.16(1) Upgrade of PS #0198	Section XVII, para 77	N/A	1/27/2017	Yes
Post Delay of CD Appendix D- 2 CIP 5.16(1) Upgrade of PS #0198 in PDR	Section V, para 9	1 business day after submittal	1/27/2017	Yes
Submit Force Majeure Notification Letter for CD Appendix D-2 CIP 1.9 – Fog Removal Facility	Section XI, para 52	N/A	1/27/2017	Yes

Table 1-1 Completed CD Projects, Activities, Milestones, and Deliverables				
CD Projects, Activities, and Milestones	CD Reference	CD Deadline	Completion or Submittal Date	CD Compliant (Yes/No)
Post Submit Force Majeure Notification Letter for CD Appendix D-2 CIP 1.9 – Fog Removal Facility in PDR	Section V, para 9	1 business day after submittal	1/27/2017	Yes
Submit 2016 Quarterly Report No. 4	Section IX, para 32	1/31/2017	1/31/2017	Yes
Post 2016 Quarterly Report No. 4 in PDR	Section IX, para 36	1 business day after submittal	1/31/2017	Yes
Submit 2017 Request for Modification to Interim Milestones Report No. 1	Section VI, para 19(i) & Section XX, para 82	N/A	1/31/2017	Yes
Post 2017 Request for Modification to Interim Milestones Report No.1 in PDR	Section V, para 9	1 business day after submittal	1/31/2017	Yes
Submit 2016 Semi-Annual Report No. 2	Section IX, para 33	1/31/2017	1/31/2017	Yes
Post 2016 Semi-Annual Report No. 2 in PDR	Section IX, para 36	1 business day after submittal	1/31/2017	Yes
Submit Response to EPA and FDEP Comments on CD CIP 4.8 Force Majeure Follow-up Letter	Section XVII, para. 77	N/A	2/7/2017	Yes
Post Response to EPA and FDEP Comments on CD CIP 4.8 Force Majeure Follow-up Letter in PDR	Section V , para 9	1 business day after submittal	2/7/2017	Yes

Table 1-1 Completed CD Projects, Activities, Milestones, and Deliverables				
CD Projects, Activities, and Milestones	CD Reference	CD Deadline	Completion or Submittal Date	CD Compliant (Yes/No)
Submit Force Majeure Notification Letter due to Hurricane Matthew for Consent Decree Appendix D- 2, Capital Improvement Projects	Section XI, para. 52 & Section XVII, para. 77	N/A	2/21/2017	Yes
Post Force Majeure Notification Letter due to Hurricane Matthew for Consent Decree Appendix D- 2, Capital Improvement Projects in PDR	Section V, para 9	1 business day after submittal	2/21/2017	Yes
Submit 2017 Request for Modification to Interim Milestones Report No. 2	Section VI, para 19(i) & Section XX, para 82	N/A	2/28/2017	Yes
Post 2017 Request for Modification to Interim Milestones Report No. 2 in PDR	Section V, para 9	1 business day after submittal	2/28/2017	Yes
Submit 2016 Annual Report	Section IX, para 34	3/1/2017	3/1/2017	Yes
Post 2016 Annual Report in PDR	Section IX, para 36	1 business day after submittal	3/1/2017	Yes
Submit Request for Schedule Extension of CD CIP 1.8, 2.13 and 2.18(2)	Section VI, para 19(i) & Section XX	N/A	3/15/2017	Yes
Post Request for Schedule Extension of CD CIP 1.8, 2.13 and 2.18(2) in PDR	Section V, para 9	1 business day after submittal	3/15/2017	Yes
Submit Response to EPA and FDEP Comments on the SSAMP	Section XI, para 19(d)	N/A	3/28/2017	Yes

Table 1-1 Completed CD Projects, Activities, Milestones, and Deliverables				
CD Projects, Activities, and Milestones	CD Reference	CD Deadline	Completion or Submittal Date	CD Compliant (Yes/No)
Post Response to EPA and FDEP Comments on the SSAMP in PDR	Section V, para 9	1 business day after submittal	3/28/2017	Yes
Submit Response to EPA and FDEP Comments on the SORP	Section XI, para 19(b)	N/A	3/28/2017	Yes
Post Response to EPA and FDEP Comments on the SORP in PDR	Section V, para 9	1 business day after submittal	3/28/2017	Yes
Submit Payment of 2017 EPA and FDEP Stipulated Penalties	Section X, para 44 and 46; Section VII, para 21	4/5/2017	3/29/2017	Yes
Post Payment of 2017 EPA and FDEP Stipulated Penalties in PDR	Section V, para 9	1 business day after submittal	3/29/2017	Yes
Submit 2017 Request for Modification to Interim Milestones Report No. 3	Section VI, para 19(i) Section XX, para 82	N/A	3/30/2017	Yes
Post 2017 Request for Modification to Interim Milestones Report No.3 in PDR	Section V, para 9	1 business day after submittal	3/30/2017	Yes
Submit Payment of 2017 FDEP Demand for Stipulated Penalties	Section X, para 44 and 46; Section VII, para 21	4/5/2017	3/30/2017	Yes
Post Payment of 2017 FDEP Demand for Stipulated Penalties in PDR	Section V, para 9	1 business day after submittal	4/3/2017	No
Submit GSS Evaluation of Corrosion Control Options Report	Section VI, para 19(e)(iii)	3/31/2017	3/31/2017	Yes

Table 1-1 Completed CD Projects, Activities, Milestones, and Deliverables				
CD Projects, Activities, and Milestones	CD Reference	CD Deadline	Completion or Submittal Date	CD Compliant (Yes/No)
Post GSS Evaluation of Corrosion Control Options Report in PDR	Section V, para 9	1 business day after submittal	3/31/2017	Yes
Submit Request for Schedule Extension of CD CIP 1.8, 2.13 and 2.18(2) - Resubmittal	Section VI, para 19(i) & Section XX	N/A	3/31/2017	Yes
Post Request for Schedule Extension of CD CIP 1.8, 2.13 and 2.18(2) – Resubmittal in PDR	Section V, para 9	1 business day after submittal	3/31/2017	Yes
Submit Force Majeure Notification Letter for CD Appendix D-2 CIP 1.2	Section XI, para 52 & Section XVII para 77	N/A	4/10/2017	Yes
Post Submit Force Majeure Notification Letter for CD Appendix D-2 CIP 1.2	Section V, para 9	1 business day after submittal	4/10/2017	Yes
Submit Failure to Meet CD Compliance Date for CD CIP 4.8	Section VI, para 52 & 77	N/A	4/14/2017	Yes
Post Failure to Meet CD Compliance Date for CD CIP 4.8 in PDR	Section V, para 9	1 business day after submittal	4/14/2017	Yes
Submit 2017 Request for Modification to Interim Milestones Report No. 4	Section VI, para 19(i) & Section XX, para 82	N/A	3/30/2017	Yes
Post 2017 Request for Modification to Interim Milestones Report No.4 in PDR	Section V, para 9	1 business day after submittal	3/30/2017	Yes
Submit 2017 Quarterly Report No. 1	Section IX, para 32	5/1/2017	5/1/2017	Yes

Table 1-1 Completed CD Projects, Activities, Milestones, and Deliverables				
CD Projects, Activities, and Milestones	CD Reference	CD Deadline	Completion or Submittal Date	CD Compliant (Yes/No)
Post 2017 Quarterly Report No. 1 in PDR	Section IX, para 36	1 business day after submittal	5/1/2017	Yes
Submit Response to EPA and FDEP Comments on FOG Control Program	Section VI, para 19(a)	N/A	5/1/2017	Yes
Post Response to EPA and FDEP Comments FOG Control Program in PDR	Section V, para 9	1 business day after submittal	5/1/2017	Yes
Submit Force Majeure Notification Letter for CD CIP 2.2	Section XI, para 52 & Section XVII, para 77	N/A	5/11/2017	Yes
Post Force Majeure Notification Letter for CD CIP 2.2 in PDR	Section V, para 9	1 business day after submittal	5/11/2017	Yes
Submit Force Majeure Notification Letter for CD CIP 4.8	Section XI, para 52 & Section XVII, para 77	N/A	5/16/2017	Yes
Post Force Majeure Notification Letter for CD CIP 4.8 in PDR	Section V, para 9	1 business day after submittal	5/16/2017	Yes
Submit 2017 Request for Modification to Interim Milestones Report No. 4	Section VI, para 19(i) Section XX, para 82	N/A	5/16/2017	Yes
Post 2017 Request for Modification for Non-Material Change to Interim Milestones Report No.4 in PDR	Section V, para 9	1 business day after submittal	5/16/2017	Yes
Submit Response to EPA and FDEP Comments on FMR/RP	Section VI, para 19(g)(iv)	N/A	5/17/2017	Yes

Table 1-1 Completed CD Projects, Activities, Milestones, and Deliverables				
CD Projects, Activities, and Milestones	CD Reference	CD Deadline	Completion or Submittal Date	CD Compliant (Yes/No)
Post Response to EPA and FDEP Comments FMR/RP in PDR	Section V, para 9	1 business day after submittal	5/17/2017	Yes
Submit Response to EPA and FDEP Comments on IMS Program	Section VI, para 19(c)	N/A	5/17/2017	Yes
Post Response to EPA and FDEP Comments IMS Program in PDR	Section V, para 9	1 business day after submittal	5/17/2017	Yes
Submit Response to EPA and FDEP Comments on FMOPMARP	Section VI, para 19(g)	N/A	5/17/2017	Yes
Post Response to EPA and FDEP Comments FMOPMARP in PDR	Section V, para 9	1 business day after submittal	5/17/2017	Yes
Submit Potential Delay Notification Letter for CD CIP 2.19	Section VI, para 52 & Section XVII para 77	N/A	5/18/2017	Yes
Post Potential Delay Notification Letter for CD CIP 2.19 in PDR	Section V, para 9	1 business day after submittal	5/18/2017	Yes
Submit Force Majeure Notification Letter for CD CIP 2.22	Section XI, para 52 & Section XVII, para 77	N/A	6/1/2017	Yes
Post Force Majeure Notification Letter for CD CIP 2.22 in PDR	Section V, para 9	1 business day after submittal	6/1/2017	Yes
Submit Notification of Completion for CD CIP 4.8	Section VI, para 19(i) and Section XVII, para 77	N/A	6/27/2017	Yes

Table 1-1 Completed CD Projects, Activities, Milestones, and Deliverables				
CD Projects, Activities, and Milestones	CD Reference	CD Deadline	Completion or Submittal Date	CD Compliant (Yes/No)
Post Notification of Completion for CD CIP 4.8 in PDR	Section V, para 9	1 business day after submittal	6/27/2017	Yes
Submit 2017 Request for Modification to Interim Milestones Report No. 5	Section VI, para 19(i) Section XX, para 82	N/A	6/29/2017	Yes
Post 2017 Request for Modification to Interim Milestones Report No.5 in PDR	Section V, para 9	1 business day after submittal	6/29/2017	Yes
CD CIP 4.8 – Rehabilitation of 54-inch PCCP FM in the City of Miami	Section VI, para 19(i)	4/9/2017	6/16/2017	No
GIS Improvements	Section IV para 19 (c)(x)(A-G)	6/6/2017	6/6/2017	Yes
CD CIP 2.23 O ₂ Plant Process Control Phase 2	Section IV, para 19(i)	3/9/2017	4/25/2016	Yes
CD CIP 4.3 – Government Cut Phase 3	Section IV, para 19(i)	4/8/2017	11/23/2016	Yes
CD CIP 4.7 Replacement of 18-inch DIP FM in Miami Lakes	Section IV, para 19(i)	4/9/2017	4/9/2017	Yes

Table 1-2 Upcoming CD Projects, Activities, Milestones, and Deliverables in the Next Two Calendar Quarters					
CD Projects, Activities, and Milestones	CD Reference	CD Deadline	Anticipated Completion or Submittal Date		
Submit 2017 Quarterly Report No. 2	Section IX, para 32	7/31/2017	7/31/2017		
Post 2017 Quarterly Report No. 2 in PDR	Section IX, para 36	1 business day after submittal	1 business day after submittal		
Submit 2017 Semi-Annual Report No. 1	Section IX, para 33	7/31/2017	7/31/2017		
Post 2017 Semi-Annual Report No. 1 in PDR	Section IX, para 36	1 business day after submittal	1 business day after submittal		
Submit 2017 Quarterly Report No. 3	Section IX, para 32	10/30/2017	10/30/2017		
Post 2017 Quarterly Report No. 3 in PDR	Section IX, para 36	1 business day after submittal	1 business day after submittal		
CD CIP 1.9 FOG Removal Facility	Section IV, para 19(i)	12/7/2017	5/24/2018		
CD CIP 2.2 Repair to Various Buildings	Section IV, para 19(i)	9/6/2017	9/6/2017		
CD CIP 2.3 Headworks/Grit Basin Plant 1	Section IV, para 19(i)	10/22/2017	10/22/2017		
CD CIP 2.17 Chlorination Facilities	Section IV, para 19(i)	9/29/2017	10/19/2017		
CD CIP 2.22 Pump Station No. 2	Section IV, para 19(i)	10/22/2017	10/22/2017		
CD CIP 2.24 Gas Monitoring and Alarms	Section IV, para 19(i)	9/19/17	9/19/17		
CD CIP 4.5 – South Dade 54-inch PCCP FM Rehabilitation	Section IV, para 19(i)	11/27/17	11/27/17		
CD CIP 5.17 Upgrade of Pump Stations Nos. 0037, 0351, 0370, 0403	Section IV, para 19(i)	12/31/17	12/31/17		
CD CIP 5.16 – Upgrade of Pump Station Nos. 0198, 0437, 0466 and 0680	Section IV para 19 (i) and CD Appendix D-2	12/31/2016	TBD		

Table 1-3 is an "Issues Log" which includes issues that have been identified by MDWASD, Department of Regulatory and Economic Resources-Division of Environmental Resources Management ("RER-DERM"), EPA or FDEP with regard to the CD and any clarifications, decisions or resolutions of these issues.

Table	e 1-3 Issues Log		
Item	Date	Description	Resolution/Clarification/Decision
1	3/28/17	EPA and FDEP requested that WASD submits a more detailed Capacity, Management, Operations and Maintenance (CMOM) Consolidated Implementation Schedule than the one submitted on March 31, 2016.	On March 28, 2017, WASD, EPA and DOJ held a teleconference. At that teleconference, it was agreed that an updated CMOM consolidated schedule will be submitted 30 days after all CMOM Programs have been approved.
2	3/16/17	CD Paragraph 19.(c).(x).(B) requires the "streamlining of the GIS data entry process for new assets, including electronic as-built data and necessary standards so that all new assets are added to the GIS system within 90 calendar days of their activation in the field." On March 16, 2017, the County proposed definitions of "activation in the field" for the different scenarios regarding WASD projects to EPA and FDEP for review and concurrence.	At the April 20, 2017 EPA/FDEP/WASD CD Program Update Meeting, EPA and FDEP agreed to the proposed definitions of "activation in the field."
3	4/20/17	Section VI Paragraph 19.(c).(x).(G) of the CD mandates, "Determination via suitable as-built drawings, or GPS or traditional surveying field measurements, elevations of all manhole rim elevations and sewer inverts at connections to manholes and Pump Stations and their inclusion into GIS."	At the April 20, 2017 EPA/FDEP/WASD CD Program Update Meeting, WASD expressed that as of the end of March 2017, WASD has completed 92% of the collection of the elevations of manhole rim elevations and sewer inverts at connections to manholes and Pump Stations. Approximately 7% of the information, however, could not be obtained for reasons ranging from encroachments to surcharged manhole or manhole located on private property. WASD proposed that the data not obtained in the field, be collected as an implementation activity to be added in the CMOM Consolidated Implementation Schedule. EPA/FDEP agreed to the proposal.

ı able	Table 1-3 Issues Log				
Item	Date	Description	Resolution/Clarification/Decision		
4	4/20/17	At the April 20, 2017 EPA/FDEP/WASD CD Program Update Meeting, WASD requested a three-week extension of the deadline for the submittal of the Response to EPA/FDEP Comments on the FM Operations, Preventative Maintenance and Assessment/Rehabilitation Program (FMOPMARP) and the FM Rehabilitation/Replacement (FM R/R) Program. Subsequently, at the EPA/FDEP Comments Clarification/Discussion Meeting that took place on April 26, 2017, WASD also requested a time extension for the response to EPA/FDEP comments on the Information Management System Program, making the deadline for these three responses May 17, 2017.	EPA/FDEP agreed to the time extension for the submittal of the Response to EPA/FDEP Comments on the FM Operations, Preventative Maintenance and Assessment/Rehabilitation Program (FMOPMARP), FM Rehabilitation/Replacement (FM R/R) Program and Information Management System Program (IMSP). On May 17, 2017, the County submitted the Response to EPA/FDEP Comments on the FMOPMARP, FM R/R Program and IMSP.		
5	4/27/2017	RER-DERM requested an extension for the deadline for the submittal of the Response to EPA/FDEP Comments on the Fats, Oils and Grease Control Program.	EPA agreed to the time extension for the submittal of the Response to EPA/FDEP Comments on FOG Control Program. On May 1, 2017, the County submitted the response to the EPA/FDEP Comments on the FOG Control Program on the agreed deadline.		
6	5/25/17	Section VI Paragraph 19.(c).(x).(B) of the CD mandates, "Streamlining of the GIS data entry process for new assets, including electronic as-built data and necessary standards so that all new assets are added to the GIS system within ninety (90) calendar days of their activation in the field." At the May 25, 2017 EPA/FDEP/WASD CD Program, the County stated that WASD has implemented significant processes improvements to meet this requirement. The GIS integration of all projects conveyed and activated on June 6, 2017, are being tracked. WASD stated that the metrics will be reported in the 2017 Annual Report.	EPA/FDEP had no issues with the information being included in the 2017 Annual Report.		

Table	Table 1-3 Issues Log				
Item	Date	Description	Resolution/Clarification/Decision		
7	7/5/17	In the response to the EPA/FDEP comments on the WWTP OMP submitted on November 21, 2016, the County committed to submit a Hauled Waste Manifest Guidance Manual by June 2017. On June 28, 2017, the County requested a time extension for the submittal of the Hauled Waste Manifest Guideline Manual.	On July 5, 2017, EPA/FDEP approved the time extension.		

2.0 Introduction

2.1 Purpose

On June 6, 2013, the CD was lodged with the United States District Court for the Southern District of Florida ("Court"). The Effective Date of the CD is December 6, 2013 (six months after the date of lodging). Six years from the Effective Date of the Consent Decree and each subsequent year until termination, the United States, FDEP, and Miami-Dade agree to consider whether to discontinue the Semi-Annual Reports. If the United States, FDEP and Miami-Dade agree to discontinue the Semi-Annual Reports, such modification shall be considered a non-material change to this CD pursuant to Section XX (Modification); and the information required in Subparagraphs 33(a) through (d) in the CD shall then be included in each Annual Report submitted pursuant to Paragraph 34 of the CD and shall cover the applicable Calendar Year rather than two (2) Calendar Quarters. On April 9, 2014, the Court approved a CD with the United States of America, the Florida Department of Environmental Protection, and the State of Florida. Pursuant to Section IX of the CD, the County is required to submit a Semi-Annual Report to EPA and FDEP. Miami-Dade has prepared this Semi-Annual Report to satisfy the reporting requirements found in Paragraph 33 of the CD.

2.2 Requirements

As detailed in Section IX of the CD, the County is required to report the following information concerning compliance with the remedial actions set forth under the CD.

- 1. A description of projects and activities completed and milestones achieved during the previous two (2) Calendar Quarters pursuant to the requirements of this CD, in Gantt chart or similar format, including a description of the status of compliance or non-compliance with the requirements of this CD and, if applicable, the reasons of non-compliance;
- 2. A summary of significant projects and activities anticipated to be performed, and milestones anticipated to be achieved, in the successive two (2) Calendar Quarters to comply with the requirements of the CD, in Gantt or similar format;
- 3. The amount, recipient and the date of transfer or use during the previous two (2) Calendar Quarters of funds obtained by the County from the collection of sewer rates for any purpose not related to the management, operation or maintenance of the Sewer System or to any capital improvement needs of the Sewer System that is required to be tracked and reported pursuant to the Financial Analysis Program set forth in Subparagraph 19(j)(v) of the CD;
- 4. Any additional information the County determines is appropriate to demonstrate that the County is implementing the remedial actions required under the CD in an adequate and timely manner.

2.3 Reporting Schedule

Pursuant to Paragraph 33 of the CD, Semi-Annual Reports are to be submitted to the EPA and FDEP beginning one (1) month after the first two (2) calendar quarters following the Effective Date of the CD, and one (1) month after each subsequent two (2) calendar quarters until termination of the CD. Since the Effective Date of the CD is December 6, 2013, the first Semi-Annual Report was due by July 30, 2014 according to the above requirement. Subsequent Semi-Annual Reports will be submitted pursuant to Paragraph 33 of the CD. As indicated in Section 2.1 of the Introduction, six years from the Effective Date of the Consent Decree and each subsequent year until termination, the United States, FDEP, and Miami-Dade agree to consider whether to discontinue the Semi-Annual Reports.

2.4 Reporting Structure

Work progress is presented in the body of the Report in a narrative format as well as in Tables found in Appendix A. The narrative includes a brief description of each CD project, as well as any activities completed or milestones that were achieved in the previous two calendar quarters and those anticipated to be completed in the next two (2) Calendar Quarters. In addition to these descriptions, a schedule containing each of the projects in Gantt chart format is provided in Appendix B.

3.0 Work Progress

3.1 Continuation of Capacity, Management, Operations and Maintenance ("CMOM") Programs of the First Partial Consent Decree and Second and Final Partial Consent Decree – Paragraph 18

A summary of the continuing CMOM programs and their status for the previous two calendar quarters and the next two calendar quarters can be found in Table A-1.1 in Appendix A, Work Progress Tables.

3.2 New CMOM Programs – Paragraph 19(a) through (h), (j)

A summary of the new CMOM programs in Paragraphs 19(a) through (h), (j) and their status for the previous two calendar quarters and the next two calendar quarters can be found in Table A-2.1 in Appendix A, Work Progress Tables.

3.2.1 Specific Capital Improvement Projects ("CIPs") Program – Paragraph 19(i)

Based on previous investigations the County has identified certain rehabilitation projects that are intended to address conditions currently causing SSOs or contributing to NPDES permit violations. In accordance with Paragraph 19(i), these specific capital improvements are identified and described in the Work Plan set forth in Appendix D of the CD. A summary of these CIPs and their status for the previous two calendar quarters and the next two calendar quarters can be found in Tables A-3.1, A-3.2 and A-3.3 for the WWTPs, Tables A-4.1 and A-4.2 for the WCTLs and Table A-5.1 for the Sewer Pump Station Systems in Appendix A, Work Progress Tables.

3.3 Supplemental Environmental Project ("SEP") Plan

This project is being performed pursuant to Section VIII and Appendix E of the CD. The County has identified an area in the County which is zoned business, commercial, and industrial, from light to heavy manufacturing where there currently is no access to sewers, and where septic systems are inadequate or failing and many businesses pre-date the current septic system regulations. Disconnecting the industrial users from septic tanks and connecting them to the sewer system will improve water quality in the aquifer and nearby surface waters, and prevent future contamination. The County will install at least seven thousand six hundred sixty (7,660) linear feet of new gravity sewer mains within an industrial area which currently has no access to sanitary sewers and relies on septic systems.

In the previous two calendar quarters, WASD went above and beyond and authorized the Design Consultant to provide additional scope of work to design approximately 675 linear feet of new 12-inch water main along NW 39 Street from NW 33 Avenue to NW 32 Avenue in order to provide water service to businesses that did not previously have water service. The additional water main scope of work is not tied to any requirements of the CD, but was done in order to satisfy the need for businesses in this area to be provided water. WASD's Design Consultant completed the

Engineering Design of the water main portion of the SEP Consent Decree Project (i.e. CD Project 6.00), and submitted the water main portion of the project for permitting. The design and permitting of the gravity sewer portion of this project, which proposes to install approximately 7,700 linear feet of new gravity sewer main, has been completed.

In the next two calendar quarters, WASD will finalize water main permitting for the SEP CD Project 6.00, initiate WASD procurement, issue Notice to Proceed (NTP) to lowest bid contractor, and begin construction in December 2017. The SEP is on schedule to meet the CD compliance date of April 8, 2019.

4.0 Additional Information

According to Paragraph 33(d), this report shall include "any additional information Miami-Dade determines is appropriate to demonstrate that Miami-Dade is implementing the remedial actions required under this Consent Decree in an adequate and timely manner."

4.1 State's Ocean Outfall Legislation (OOL)

In 2008, the Florida Legislature enacted a law requiring all wastewater facilities in southeast Florida utilizing ocean outfalls for disposal of treated wastewater to reduce nutrient load discharges, cease the normal use of outfalls, and expand reuse systems, all by the end of 2025.

The EPA, FDEP, and Miami-Dade County acknowledged that the County's implementation of the OOL may impact the scope of scheduling certain capital improvement projects identified in the Consent Decree Appendix D. Pursuant to Paragraph 19(i), any modifications agreed upon in writing by the EPA, FDEP, and the County to this list of projects or schedules set forth in Appendix D shall constitute a non-material change to the Consent Decree as set forth in Section XX (Modification).

The OOL Program completed an extensive system-wide assessment to better refine WASD's 2013 Compliance Plan and improve implementation by 2025. Significant coordination and planning was conducted to minimize stranded assets while addressing WASD's projected demands to the year 2035 in a cost-effective manner. The Compliance Plan 2017 Update (July 1, 2017) projects meet the OOL schedule and all compliance issues. WASD will continue adjusting projects and schedules through the design phase. WASD is committed to meeting the objectives and requirements of the OOL and keeps the public informed of its progress through a public communication program.

WASD is on schedule to meet its obligations under the OOL. As of July 1, 2017, the conceptual designs for the South District projects are complete and the Central District WWTP conceptual design has begun. Final design contracts have been assigned for South District WWTP upgrades and the scope of work and fees were under development on July 1, 2017. Two industrial injection wells at the Central District WWTP have finished construction and the injection well pump station is now under construction. The industrial injection well system will be operational by 2018 to divert nutrients out of the ocean outfall. WASD continues to work with FDEP to address the reclaimed water reuse requirements. An update to the Reuse Feasibility Analysis will be completed late Fall 2017. Land acquisition for the proposed new western wastewater treatment plant is also proceeding.

Appendix A Work Progress Tables

	Table A-1.1 Continuation of CMOM Programs of the First Partial Consent Decree and the Second and Final Consent Decree					
Paragraph	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
18(a)	Adequate Pumping, Transmission and Treatment Capacity Program	The Adequate Pumping, Transmission and Treatment Capacity Program is being implemented in accordance with Paragraph 18(a) of the CD. This program was undertaken to ensure that adequate transmission and treatment capacity exists within the County. Pursuant to Appendix A of the CD; monthly capacity certification reports are prepared by RER-DERM and kept on file by WASD. Upon request, these reports will be provided to EPA/FDEP.	submittal of the Elapsed Time (ET) readings by each Volume Sewer Customer Utility. 2. Placed under Moratorium those pump stations that exceeded the maximum 10 hours pursuant to the Nominal Average Pump	Automatic and/or Manual placement in moratorium those pump stations that fail to submit ET readings or submit duplicate readings. Continue generating monthly NAPOT & ALLOCATION reports and copy each corresponding Utility and Building Official, respectively. Develop plan for upgrading ET system/database to capture ET readings for ALL-PUMPS ON and Midnight-5 am hours for all pump stations with 26 HP and larger pumps.		
18(b)	Pump Station Remote Monitoring Program	The Pump Station Remote Monitoring Program is being implemented in accordance with Paragraph 18(b) of the CD. The continuing program involves the installation and operation of remote monitoring equipment in all Pump Stations in the Wastewater Collection and Transmission System (WCTS) within 6 months after the County becomes operationally responsible for Pump Station. The pump station monitoring system shall continuously monitor, report and transmit data.	Work on the program has been ongoing.	Work on the program is ongoing and will continue beyond December 31, 2017.		

	Table A-1.1 Continuation of CMOM Programs of the First Partial Consent Decree and the Second and Final Consent Decree				
Paragraph	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters	
18(c)	Wastewater Collection and Transmission System Model	and implementation of CMOM programs to optimize transmission capacity and to evaluate the impact of I/I rehabilitation projects; proposed modifications, upgrades and expansions to the WCTS; and performance of the WCTS. The WCTS model can also be used to simulate the manifolded Force Mains and private Pump Stations which manifold into the County's Force Main system.	requirements listed in Section VI, paragraph 18(c)(i)-(iv) and continued calibration work. Completed evaluation of operating conditions for development of design consultant scope of work. In addition, developed draft Point of Connection letters to be submitted to RER for permitting for the CD CIP 5.18: PS0441, PS0491, PS0710, PS0827 & PS0852	Update Node and Flood Types	

Table A-1.1 Continuation of CMOM Programs of the First Partial Consent Decree and the Second and Final Consent Decree					
Paragraph	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters	
18(c)	Wastewater Collection and Transmission System Model (continued)	The WCTS model is being implemented in accordance with Paragraph 18(c) of the CD. The model assists in the development and implementation of CMOM programs to optimize transmission capacity and to evaluate the impact of I/I rehabilitation projects; proposed modifications, upgrades and expansions to the WCTS; and performance of the WCTS. The WCTS model can also be used to simulate the manifolded Force Mains and private Pump Stations which manifold into the County's Force Main system.	Pump Station Improvement Program (PSIP) and Master Planning to include proposed projects in corresponding planning horizon networks. In addition, changes associated with CD Projects were updated in the WCTS Hydraulic Model. Completed first stage calibration of WASD WCTS Hydraulic Model which involves evaluation of flows received at Wastewater	Complete development of 12-Basin Pilot Study for implementation of Rainfall Derived Infiltration and Inflow (RDII) WCTs Hydraulic Model Module. This effort consists on the following activities: • Verification of invert data elevation for the gravity system • Development of hydraulic model networks • Calculation of population data for each manhole subcatchment • Development and calibration of infiltration parameters • Validation of flow calculation at wet well for each basin • Calibrate sensitivity of infiltration parameters based on effect of repairs in network.	

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Table A-1.1 Continuation of CMOM Programs of the First Partial Consent Decree and the Second and Final Consent Decree					
Paragraph	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters	
18(c)	Wastewater Collection and Transmission System Model (continued)	The WCTS model is being implemented in accordance with Paragraph 18(c) of the CD. The model assists in the development and implementation of CMOM programs to optimize transmission capacity and to evaluate the impact of I/I rehabilitation projects; proposed modifications, upgrades and expansions to the WCTS; and performance of the WCTS. The WCTS model can also be used to simulate	well level SCADA data. In addition, WCTS flow monitoring will be performed based on flow meter manual readings comparison with SCADA data. Initiated development of 12-Basin Pilot Study for implementation of Rainfall Derived Infiltration and Inflow (RDII) WCTs Hydraulic Model Module. This effort consists on the following activities: • Verification of invert data elevation for the gravity system • Development of hydraulic model networks • Calculation of population data for each manhole subcatchment • Development and calibration of infiltration parameters • Validation of flow calculation at wet well for each basin • Calibrate sensitivity of infiltration parameters based on effect of repairs in network.		
18(d)	Spare Parts Program	The Spare Parts Program is being implemented in accordance with Paragraph 18(d) of the CD. This program is a continuing inventory management program for spare parts for the WCTS and WWTPs.	Work on the program has been ongoing.	The existing program will be enhanced as the new CMOM Programs are implemented. Work on the program is ongoing and will continue beyond December 31, 2017.	

	Table A-1.1 Continuation of CMOM Programs of the First Partial Consent Decree and the Second and Final Consent Decree					
Paragraph	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
18(e)	Volume Sewer Customer Ordinance Program	with Paragraph 18(e) of the CD. The Purpose of this program is to eliminate or otherwise control SSOs from the WCTS and the collection and transmission systems of present and future VSCs. Revisions are to be made to the VSC Program and the VSC Ordinance and submitted to EPA/FDEP for approval prior to implementation.	Reviewed SSO reports from all VSCs. Placed moratoriums within the PS basin when required by Chapter 24 RER-DERM received 2017 Electronic GIS Sanitary Sewer Atlas with As-Built from all VSCs. RER-DERM received Sanitary Sewer Evaluation Surveys from All Utilities in March 2017. RER-DERM & WASD reviewed/testing Electronic Sanitary Sewer GIS Atlas submitted by VSCs.	RER-DERM to complete review of Plan of Compliance for VSCs. RER-DERM to complete review of SSES reports for VSCs RER-DERM & WASD will continue testing the As-Built and Electronic Sanitary Sewer GIS Atlas submitted by VSCs.		

	Table	A-2.1 Continuation of CMOM	Programs of the First Partial Consent Decree and	the Second and Final Consent Decree
Paragraph	Project Name		Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
19(a)	Fats, Oils and Grease Control	being implemented in accordance with Paragraph 19(a) of the CD. The Program allows the County to regulate industrial and commercial sources of fats, oils and grease (FOG). In addition, this Program involved the review, evaluation and revision of the County's previous FOG Control Program. An updated FOG Control Program and accompanying FOG	RER-DERM met with EPA (Atlanta) and FDEP and WASD participated via teleconference on December 8, 2016. EPA and FDEP sent out comments on the Program on December 22, 2016. Response to EPA and FDEP Comments on the FOG Control Program were initiated. Work on the program was ongoing: 1. Continue to develop/improve the FOG Control Technician Training. 2. Updated the "Did You Know" flyers. Flyers are being distributed by DERM Plan Review, FOG Technicians/Inspectors, and Liquid Waste Transporters. 3. Continued FOG Outreach Program, including workshops (e.g., FOG Round Table and Utility Round Table meetings). 4. Continue to receive monthly hauled waste disposal data from Pompano/Broward. 5. Updated FSE FOG Operating Permit (GDO) permit conditions, including eManifest reporting as optional with reduced paperwork - but mandatory starting January 2018. 6. Continue enforcement (and compliance assistance) with NGTs Food Service Establishments (FSE). 7. Implemented new Liquid Waste Transporter (LWT) permits. 8. Implemented NO COMMIMGLING of FOG April 1, 2017. 9. Implemented eManifest for LWTs April 1, 2017.	 Implement upgraded FOG database (PEN) to allow improved GDO tracking. Continue enforcement (e.g., ticketing) NGTs and noncomplying FSEs Continue FOG Outreach Program: 4th FOG Round Table meeting. Design Professional FCD Design Training. eManifest Training for LWT (online video based). eManifest Training for GDOs, including online videos. Update FOG Control Device Design Guidance (FOG2.0). Initiate process to have Board of County Commissioner approve FOG ordinance after receiving EPA/FDEP approval.

	Table	A-2.1 Continuation of CMOM	Programs of the First Partial Consent Decree and	
Paragraph	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
19(b)	Sewer Overflow Response Plan		and FDEP Comments on the SORP were submitted on March 28, 2017. Work on the	Program is pending EPA and FDEP approval. Work on the program will be ongoing and will continue beyond December 31, 2017. - Continue the development of Consolidated SSO Database - Coordinate training of response personnel for estimating SSO volume - Revise and complete SORP appendix E list of lowest manhole elevation each pump station basin

	Table	A-2.1 Continuation of CMOM	Programs of the First Partial Consent Decree and	I the Second and Final Consent Decree	
Paragraph	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters	
19(c)	Information Management System Program	developed in accordance with Paragraph 19(c). This Program will aid County managers and field	The Program document was finalized and submitted to the EPA/FDEP on December 4, 2015 ahead of CD compliance date December 7, 2015. EPA and FDEP sent out comments on the Program on February 28, 2017. Response to EPA and FDEP Comments on the IMS were submitted on May 17, 2017. Work on the program was ongoing.	Program is pending EPA and FDEP approval. Work on the program will be ongoing and will continue beyond December 31, 2017.	
		developed in accordance with Paragraph 19(c)(x). This Program will improve the	 GIS Training Refresher Program - Training course, manual and online videos launched and continues to be offered by WASD HR several times a month. GIS to Hydraulic Model Interface 	Ongoing. Updates to continue.	
		entire WCTS. The scope of	Completed.	opadios to continue.	
		work for this Program involves completing the	3. Manhole rim and pipe inverts and their inclusion into GIS - 99% Complete.	To be completed and input into production utility GIS layers.	
19(c)(x)	Information Systems Program	estimated 1800 GIS backlog projects and estimated 2000 reported GIS data inconsistencies prior to June 7, 2017.	projects and estimated 2000 reported GIS data	4. Streamlining the manual as-built to GIS process to satisfy 90 day requirement - Completed.	No further action required.
			5. GIS to Hydraulic Model Integration to satisfy 90 day requirement from GIS to Model - Completed.	GIS to provide updates.	
			6. GIS Training Refresher Program - Completed.	Classes continue to be offered multiple times a month.	
			7. Electronic As-Built Submittal -Contract and Donation as-builts being received electronically. Approval/rejection process also being tracked electronically.	Future enhancements, as necessary.	

		Table	A-2.1 Continuation of CMOM	Programs of the First Partial Consent Decree and	I the Second and Final Consent Decree
P	aragraph	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
	19(c)(x) continued)	Geographic Information Systems Program	The GIS Program is being developed in accordance with Paragraph 19(c)(x). This Program will improve the existing map of the County's entire WCTS. The scope of work for this Program involves completing the estimated 1800 GIS backlog projects and estimated 2000 reported GIS data inconsistencies prior to June 7, 2017.	8. Completion of GIS Backlog - Completed 193 Sewer projects: 25 miles of pipe modified or added; 1786 above ground assets modified or added. GIS backlog has been completed. Completion of 469 Water projects: 209 miles of pipe modified or added; 11656 above ground assets modified or added.	Ongoing.
	19(d)	Sewer System Asset Management Program	The Sewer System Asset Management Program is being developed in accordance with Paragraph 19(d). This Program will maintain a desired level of service for the County's Sewer System considering life cycle cost to ensure compliance with regulatory requirements and the CD.	The Program document was finalized and submitted to the EPA/FDEP on the CD compliance date October 6, 2015. EPA and FDEP sent out comments on the Program on January 24, 2017. Response to EPA and FDEP Comments on the SSAMP were submitted on the CD compliance date of March 28, 2017. Work on the program was ongoing.	Program is pending EPA and FDEP approval. Work on the program will be ongoing and will continue beyond December 31, 2017.
	19(e)	Gravity Sewer System Operations and Maintenance Program	Program is being developed in accordance with Paragraph 19(e) of the CD. This Program will address SSOs, particularly those caused by FOG, roots and/or debris obstructions. The program will facilitate proper operation and maintenance activities	Program was pending EPA and FDEP approval. EPA and FDEP sent out comments on the Program on June 21, 2016. Response to EPA and FDEP Comments on the GSSOMP were submitted on August 12, 2016. Work on the program was ongoing. - Submitted Gravity Sewer System (GSS) Evaluation of Corrosion Control Options Report to EPA and FDEP - Conducted Pilot Program to monitor the pH of sewage flow from select locations	Program is pending EPA and FDEP approval. Work on the program will be ongoing and will continue beyond December 31, 2017.

	Table A-2.1 Continuation of CMOM Programs of the First Partial Consent Decree and the Second and Final Consent Decree					
Paragraph	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
19(f)	Pump Station Operations and Preventative	and Preventive Maintenance Program is being developed in accordance with Paragraph	Program was pending EPA and FDEP approval. EPA and FDEP sent out comments on the Program on June 21, 2016. Response to EPA and FDEP Comments on the PSOPMP were submitted on July 29, 2016. Work on the program was ongoing.	Program is pending EPA and FDEP approval. Work on the program will be ongoing and will continue beyond December 31, 2017.		
19(g)	Force Main Operations, Preventative Maintenance and Assessment/ Rehabilitation Program	Preventative Maintenance and Assessment/Rehabilitation	and submitted to the EPA/FDEP on the CD compliance date August 6, 2015. The FMRRP was finalized and submitted to the EPA/FDEP on December 4, 2015 ahead of the CD compliance date December 7, 2015.	Programs are pending EPA and FDEP approval. Work on the programs will be ongoing and will continue beyond December 31, 2017.		

	Table	A-2.1 Continuation of CMOM	Programs of the First Partial Consent Decree and	I the Second and Final Consent Decree
Paragraph	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
19(h)	WWTP Operations and Maintenance Program	Maintenance Program is being developed in accordance with Paragraph 19(h) in the CD. This program will facilitate proper operation, maintenance and equipment replacement activities associated with the WWTPs.	Program was pending EPA and FDEP approval. EPA and FDEP sent out comments on the program August 18, 2016. Response to EPA and FDEP Comments on the WWTP OMP were submitted on November 21, 2016. Work on the program was ongoing. - Random Sampling and Analysis Program was initiated at the SD WWTP as part of the implementation of the Hauled Waste Program. - RER-DERM/WASD Coordination Meeting were initiated and are held on a monthly basis at SD WWTP to discuss Hauled Waste Program and any issues or concerns related to illicit hauled waste or discharges to the plant or collection system. - RER-DERM submitted a draft amended Sewer Use Ordinance to FDEP on January 13, 2017	Program is pending EPA and FDEP approval. Work on the program will be ongoing and will continue beyond December 31, 2017.
19(j)	Financial Analysis Program	Program is being implemented in accordance with Paragraph 19(j) of the CD. The purpose of this	Program was pending EPA and FDEP approval. The County received EPA and FDEP comments on November 25, 2015. Response to EPA and FDEP Comments on the FAP submitted on January 29, 2016. Work on the program was ongoing.	Program is pending EPA and FDEP approval. Work on the program will be ongoing and will continue beyond December 31, 2017.

		Table A-3.1 South District WWTP Capital Improvement Proje	ects	
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
1.1	Headworks	The SDWWTP Headworks project will be performed pursuant to Paragraph 19(i) and Appendix D. This project involves routine repairs on existing bar screen mechanisms in headwork structure prior to aerated grit chambers. Failure of bar screen mechanism could result in the blinding of the bar screen and cause an overflow of raw sewage from the plant headworks structure towards nearby surface waters, especially during peak wet weather.	Procurement and construction continued.	Procurement and construction will continue. Rehab Grit #1 (Screens #3) & Grit #2 (Screen #3) will commence. Rehab Grit #1 (Screen #4) and Grit #2 (Screen #2) will commence. Structural Rehab/Coating (Grit #1) will commence.
1.2	Oxygen Production	The SDWWTP Oxygen Production project will be performed pursuant to Paragraph 19(i) and Appendix D. The purpose of this project is to replace and retrofit existing air compression units.	Permitting was completed. Procurement and Construction continued.	Procurement and construction will continue. Construction of new electrical building will commence.

	Table A-3.1 South District WWTP Capital Improvement Projects					
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
1.3	Oxygenation Trains	The SDWWTP Oxygen Trains project will be performed pursuant to Paragraph 19(i) and Appendix D. The purpose of this project is to retrofit aeration mixers and rehabilitate and apply surface coating to the structure. This project was split into three child projects; (1) for the structural rehab of the train, (2) for the electrical building expansions and (3) for the mixer upgrades.	Oxygenation Trains Structural Rehab. Trains 2, 3, 4, 5, 6, 7 commenced and was completed. Procurement and construction for Train 5 commenced and were completed. Design continued for 1.3(2) Electrical Building Expansion. Design commenced for 1.3(3) Oxygenation Trains Mixer Upgrades.	procurement and construction will continue. Procurement for 1.3(1) Train 4 Oxygenation tanks structural rehab will commence and be completed, and construction will commence. Design for 1.3(2) Electrical Building Expansion will continue. Design for 1.3(3) will continue and		

	Table A-3.1 South District WWTP Capital Improvement Projects				
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters	
1.4	Chlorine Building	The SDWWTP Chlorine Building project will be performed pursuant to Paragraph 19(i) and Appendix D. This project involves replacement of motor control centers, relocation of electrical panels and roof repairs of the old chlorine building where flushing water pumps are to remain.	In validation/planning stage.	Design will commence.	
1.5	Effluent Pump Station	The SDWWTP Effluent Pump Station project will be performed pursuant to Paragraph 19(i) and Appendix D. This project involves an upgrade of the existing obsolete pump control systems, upgrade of the pumps drives and motors, and structural rehabilitation of pump station wet well, i.e. chambers 2 through 4. This project has been split into three separate child projects: (1) structural rehabilitation of the effluent pump wet wells; (2) the building improvements and equipment for the remaining pumps respectively; (3) the electrical equipment associated with pumps 7,8 and 9.	procurement and construction continued. 1.5(1) Design of wet well #4 and wet wells #1 3 commenced.	Design, permitting, procurement and construction will continue. 1.5(1) Design of wet well #4 and wet wells #1-3 will be completed. Procurement of wet well #4 will commence. 1.5(2) Design will continue.	
1.6	Gravity Sludge Thickeners	The SDWWTP Gravity Sludge Thickeners project will be performed pursuant to Paragraph 19(i) and Appendix D. The objective of this project is to provide a combined Thickening and Dewatering facility under one common building. The existing sludge concentrators will be abandoned and a centrifuge thickening system will be utilized. This project is being performed under design-build delivery method.	Procurement continued.	Procurement will be completed and construction will commence.	

	Table A-3.1 South District WWTP Capital Improvement Projects					
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
1.7	Digesters and Control Buildings	The SDWWTP Digester and Control Buildings project will be performed pursuant to Paragraph 19(i) and Appendix D. The project involves the rehabilitation or replacement of digester roofs; digester tank cleaning, structural rehabilitation and coating, sludge mixers improvement. This will prevent the loss of digestion capacity and the decline in biogas/methane production for power generation. In addition, it will decrease the amount of unstable sludge that will require landfill disposal.	Design and permitting were completed.	Procurement will commence.		
1.8	Dewatering Facility	The SDWWTP Dewatering Facility project is being performed pursuant to Paragraph 19(i) and Appendix A. The purpose of this project is to replace the existing interim dewatering building with a new permanent dewatering facility. This will improve sludge dewatering and decrease solids accumulation in the secondary treatment process and prevent effluent limit violations. This project is being performed under design-build delivery method.	Procurement continued.	Procurement will be completed and construction will commence.		
1.9	FOG Removal Facility	The SDWWTP FOG Removal Facility project is being performed pursuant to Paragraph 19(i) and Appendix D. The current FOG separation tank is not capable of adequately handing solids load, resulting in excess odors and unanticipated manual labor to remove large amounts of grit, settled soils and hardened grease. The purpose of this project is to improve separation operations to the recently constructed FOG removal facility. This will result in the conveyance of oils and floating grease to a beneficial use option process and the removal of excess grit and settled solids.	Procurement was completed and construction commenced.	Construction will continue.		
1.10	Odor Control	The SDWWTP Odor Control project is being performed pursuant to Paragraph 19(i) and Appendix D. The purpose of this project is to upgrade the odor control facilities.	In validation/planning stage.	No activities milestone scheduled.		

Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
1.11	General Electrical	The SDWWTP General Electrical project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the rehabilitation and replacement of electrical controls and wiring as needed throughout the plant. This project schedule has been broken down into multiple child/sub projects to better reflect the way the work is being executed: 1) SDWWTP General Electrical In-House Construction. 2) Expand Switchgear A & B. 3) Replace Primary Feeders from Electrical Building 1 to Substation 8.	Design continued. Permitting commenced. 1.11(1) Design continued. 1.11(3) Design was completed. Permitting commenced and was completed.	Design will be completed, permitting will continue and procurement will commence. 1.11(1) Design will be completed and permitting will commence. Design will commence for 1.11(2). Procurement will commence for 1.11(3).

		Table A-3.1 South District WWTP Capital Improvement Projection		
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
1.12	Chlorine Contact Chamber Structural Rehabilitation	The SDWWTP Chlorine Contact Chamber Structural project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the structural rehabilitation and coating of chlorine contact chambers 1 through 4. This project was split into two child projects: 1.12(1) Chlorine Contact Chamber Actuator Replacement; and 1.12(2) Chlorine Contact Chamber Structural Rehab & Sluice Gates Replacement	Design, procurement and construction continued. Construction for 1.12(1) continued. 1.12(2) Design for Contact Chambers Rehab 1-4 continued.	Design will be completed. Procurement and construction will continue. Construction for 1.12(1) will be completed. 1.12(2) Design for Contact Chambers Rehab 1-4 will be competed, and procurement for Contact Chamber Structural Rehab 4 will commence. Procurement and construction for Sluice Gates - Chlorine Contact Chamber will commence.

		Table A-3.2 Central District WWTP Capital Improvement Proj	ects	
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
2.1	Electrical Improvements	The CDWWTP Electrical Improvements project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the rehabilitation and replacement of electrical controls and wiring as needed throughout the plant. This project schedule has been broken down into multiple components more accurately reflect the way the work is being executed: 1) CDWWTP General Electric In-house Construction - Substations 1 and 2. 2) Substations 3, 4A, 4B, 5 & 6 – This work is part of Project 2.27. 3) Substations 9 & 10 - This work is part of Project 2.10. 4) Substations 11 & 12 – This work is part of project 2.11. 5) Substations 15 & 16 – This work is part of Project 2.15. 6) Substations 17 & 18 – This work is part of Project 2.19. 7) Substations 7A, 8A, 9A & 10A	Design, permitting, procurement, and construction ongoing Note: The majority of this work will be done in conjunction with other CD projects. 2.1(1) Construction Substations 1 & 2 Completed on May 5, 2016 2.1(2) Design was completed and procurement commenced. 2.1(3) Design was completed and permitting continued. 2.1(4) Design was completed and permitting continued. 2.1(5) Construction continued. 2.1(6) Permitting and procurement continued.	will continue. 2.1(3) Permitting

	Table A-3.2 Central District WWTP Capital Improvement Projects				
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters	
2.2	Ruilding	The CDWWTP Building Improvements project is being performed pursuant to Paragraph 19(i) and Appendix D. The project involves the repair of maintenance, operations control and administration buildings at the plant. It includes the repair of the roofs and the staff facility. This project has been split into child projects.1a) Building Improvements - Administration Building Asbestos Abatement. 1b) Administration Building Interior Improvements 1c) Miscellaneous Roof Improvements 2) Remodel Bathrooms, Locker Rooms & Showers.	2.2(1a) Completed on June 1, 2015. 2.2(1b) Construction	Construction will be completed. 2.2(1b) Construction will be completed. 2.2(2) Construction will be completed.	
2.3	Headworks Plant 1	The CDWWTP Headworks/Grit Basin Plant 1 project is being performed pursuant to Paragraph 19(i) and Appendix D. The existing screening facilities at the CDWWTP influent pump station are inefficient. This results in the accumulation of rags and plastics in plant processes which sometimes leads to pump, mixer and clarifier collection mechanism failure. This project involves the addition of influent screens and an electrical room with upgraded electrical instrumentation.	Procurement was completed and construction continued.	Construction will be completed.	
2.4	Headworks Plant 2	The CDWWTP Headworks/Grit Basin project is being performed pursuant to Paragraph 19(i) and Appendix D. The existing screening facilities at the CDWWTP influent pump station are inefficient. This results in the accumulation of rags and plastics in plant processes which sometimes leads to pump, mixer and clarifier collection mechanism failure. This project involves the addition of influent screens and an electrical room with upgraded electrical instrumentation.		Construction will continue.	

	Table A-3.2 Central District WWTP Capital Improvement Projects					
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
2.5	Oxygenation Trains Plant 1	The CDWWTP Oxygenation Trains Plant 1 project is being performed pursuant to Paragraph 19(i) and Appendix D. The project involves the retrofitting of the aeration mixers, structural rehabilitation and surface coating application. Mixer retrofits were completed in early 2014. Structural rehabilitation work for Train #2 and Train #3 will be performed by WASD in-house forces during the dry seasons.	Design, procurement and construction continued. Procurement and construction for Structural Rehab Train #2 commenced and were completed.	Design and procurement will be completed. Construction will continue. Procurement for Structural Rehab Train #3 will commence and be completed, construction will commence.		

		Table A-3.2 Central District WWTP Capital Improvement Pro		Anticipated
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Actions to Be Performed in the Next Two Calendar Quarters
2.6	Oxygenation Trains Plant 2	The CDWWTP Oxygenation Trains Plant 2 project is being performed pursuant to Paragraph 19(i) and Appendix D. The project involves the retrofitting of the aeration mixers, structural rehabilitation and surface coating application.	Engineering design, procurement and construction continued. Design for Structural Rehab Train #2 & #4 commenced. Construction of Structural Rehab Train #1 commenced and was completed. Construction of Structural Rehab Train #2 and #4 commenced. Construction for Electrical Equipment / Expand Structure continued.	Engineering design will be completed. Procurement and construction will continue. Design for Structural Rehab Train #2 & #4 will be completed. Construction for Electrical Equipment / Expand Structure will be completed. Procurement of Structural Rehab Train #4 will commence, be completed, and construction will commence.

	Table A-3.2 Central District WWTP Capital Improvement Projects					
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
2.7		The CDWWTP Secondary Clarifiers Plant 1 project is being performed pursuant to Paragraph 19(i) and Appendix D. The purpose of this project is to rehabilitate the structure and replace the sludge collection mechanisms in the plant. This project has been split in 3 child projects: 1) Secondary Clarifiers Plant 1. 2) Secondary Clarifiers plant 1 Train Mechanisms. 3) Secondary Clarifiers Plant 1 Structural Rehab.	Design commenced. Design commenced for 2.7(1) Secondary Clarifiers Plant 1.	Design will continue. Design will continue for 2.7(1) Secondary Clarifiers Plant 1. Design will commence for 2.7(3) Trains 1-6 - CD Secondary Clarifiers Plant 1 Structural Rehab.		
2.8	Secondary Clarifiers	The CDWWTP Secondary Clarifiers Plant 2 project is being performed pursuant to Paragraph 19(i) and Appendix D. The purpose of this project is to rehabilitate the structure, replace the sludge collection mechanisms in the plant and provide electrical equipment for new annex building. This project has been split into three child projects: 1) Secondary Clarifiers Plant 2, 2) Secondary Clarifiers Plant 2 Train Mechanisms, and 3) Secondary Clarifiers Plant 2 Structural Rehab.	Design was completed, permitting continued, and procurement commenced. Design was completed for 2.8(1), permitting continued and procurement commenced.	Permitting will be completed and procurement will continue. Permitting will be completed for 2.8(1) and procurement will continue. Design for 2.8(3) Trains #1 & #2 will commence.		
2.9	RS Pump Stations Plant 1	The CDWWTP RS Pump Stations Plant 1 project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the replacement of return sludge pump, piping, motor control centers and structural repairs to the pump stations. Work on this project will be performed in conjunction with Project 2.7.	Design commenced.	Design will continue.		

		Table A-3.2 Central District WWTP Capital Improvement Proje	ects	
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
2.10	RS Pump Stations Plant 2	The CDWWTP RS Pump Stations Plant 2 project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the replacement of return sludge pump, piping, motor control centers and structural repairs to the pump stations. This project has been split into 2 separate child projects: 1) Return Sludge PS Plant 2 - RAS Pump, 2) Return Sludge PS Plant 2 - RAS Line	Permitting, procurement and construction continued. 2.10(1) Design was completed, permitting continued and procurement commenced.	Permitting will be completed. Procurement and construction will continue. 2.10(1) Permitting will be completed and procurement will continue. 2.10(2) Construction of RAS Header Pipe will be completed.
2.11	Effluent Pump Station	The CDWWTP Effluent Pump Station project is being performed pursuant to Paragraph 19(i) and Appendix D. The purpose of this project is to replace the pump in the effluent pump station.	Design was completed and permitting commenced.	Permitting will be completed and procurement will commence.
2.12	Sludge Thickeners Plant 1	The CDWWTP Sludge Thickeners Plant 1 project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the replacement of the thickened sludge pumps, sanitary sewer pumps, HVAC and electrical systems in the concentrator pump station. The objective of this project is to provide a combined Thickening and Dewatering facility under one common building. The existing sludge concentrators will be abandoned and a centrifuge thickening system will be utilized. This project will be performed in conjunction with projects 2.13 and 2.16 under a design-build delivery method.	Procurement continued.	Procurement will be completed. Construction will commence.

		Table A-3.2 Central District WWTP Capital Improvement Projection		
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
2.13	Sludge Thickeners Plant 2	The CDWWTP Sludge Thickeners Plant 2 project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the replacement of the thickened sludge pumps, sanitary sewer pumps, HVAC and electrical systems in the concentrator pump station. The existing sludge concentrators will be abandoned and a centrifuge thickening system will be utilized. This project will be performed in conjunction with projects 2.12 and 2.16 under a design-build delivery method.	Procurement continued.	Procurement will be completed. Construction will commence.
2.14	Digesters Plant 1	The CDWWTP Digesters Plant 1 project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the complete rehabilitation of sludge digester clusters, i.e. roofs, concrete structures, recirculation and transfer pumps, mixers, and electrical pumps. This will prevent the loss of digestion capacity and the decline in biogas/methane production for power generation. In addition, it will decrease the amount of unstable sludge that will require landfill disposal. This project has been split into 2 different child projects; 2.14(1) refers to digesters in cluster 1 and 2.14(2) refers to digesters in cluster 2.	Construction continued for 2.14(2) Digesters Plant 1 cluster 2 covers demolition.	Design will commence for 2.14(1) Digesters Plant 1 Cluster 1. Construction will continue for 2.14(2) Digesters Plant 1 Cluster 2 covers demolition.

		Table A-3.2 Central District WWTP Capital Improvement Proje	ects	
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
2.15	Digesters Plant 2	The CDWWTP Digesters Plant 2 project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the complete rehabilitation of sludge digester clusters, i.e. roofs, concrete structures, recirculation and transfer pumps, mixers, and electrical pumps. This will prevent the loss of digestion capacity and the decline in biogas/methane production for power generation. In addition, it will decrease the amount of unstable sludge that will require landfill disposal. This project has been split into 4 different child projects; 2.15(1) refers to digesters in cluster 1 and 2.15(2) refers to digesters in cluster 2, 2.15(3) refers to digesters in cluster 3 and 2.15(4) refers to digesters in cluster 4.	2.15(2) Cluster 2: Permitting continued and procurement	2.15(1) Cluster 1: Construction will continue. 2.15(2) Cluster 2: Permitting will be completed and procurement will continue. 2.15(3) Cluster 3: Design will continue. 2.15(4) Cluster 4: Design will continue.
2.16	Dewatering Building	The CDWWTP Dewatering Building project is being performed pursuant to Paragraph 19(i) and Appendix D. The purpose of this project is to construct a new combined thickening and dewatering facility and sludge cake conveyance system to the sludge storage buildings. This project is being performed under design-build delivery method.	Procurement continued.	Procurement will be completed and construction will commence.
2.17	Chlorination Facilities	The CDWWTP Chlorination Facilities project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the design and construction of a new bulk sodium hypochlorite storage and dosing system in separate outdoor structures to replace the existing chlorine gas system.	Construction continued.	Construction will be completed.

		Table A-3.2 Central District WWTP Capital Improvement Projection	euts	
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
2.18	Odor Control Systems	The CDWWTP Cogeneration Facility Improvements project is being performed pursuant to Paragraph 19(i) and Appendix D. This involves the replacement of the motor control center of the odor control buildings including air-conditioned electrical rooms. It also involves replacement of odor control chemical pumps, piping, valves and gas stripping tower media. This project will be completed in conjunction with other related projects. A portion of this project 2.18(1) Headworks Odor Controls System, will be performed earlier in coordination with the Headworks projects (2.3/2.4). The remainder will be performed in coordination with the Dewatering project (2.16).	Odor Control System (Project 2.16)	Procurement will be completed and construction will continue. 2.18(1) Headworks Odor Controls System (Project 2.3/2.4) construction will continue. 2.18(2) Dewatering Odor Control System (Project 2.16) procurement will be completed and construction will commence.

		Table A-3.2 Central District WWTP Capital Improvement Proje	ects	
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
2.19	Co-Gen Facility	The CDWWTP Cogeneration Facility Improvements project is being performed pursuant to Paragraph 19(i) and Appendix D. The project involves the installation of two new cogeneration engines, cogeneration building improvements, replacement of biogas pipeline and installation of biogas conditioning system. Thus, this project has been split into separate "child" projects: 1) Co-Gen Generator Replacement, 2a) Co-Gen Biogas Treatment Facilities, and 2b) Co-Gen Restroom and Building Rehab.	Permitting, procurement, and construction continued. 2.19(1) Co-Gen Generator Replacement completed on January 27, 2016. Permitting for 2.19(2a) was completed and procurement continued. Permitting for 2.19 (2b) continued and procurement commenced.	Procurement for 2.19(2a) will be completed and construction will
2.20	Septage Uploading	The CDWWTP Septage Unloading project is required under Paragraph 19(i) and Appendix D. The CD scope of this project included the construction of a new septage handling station to remove FOG from the main wastewater treatment stream and treat either through digestion or an off-site third part facility. However, the violation associated with this project was resolved by requiring all hauled waste to be sent to the South District WWTP as of January 2013.	Motion to delete Project 2.20 Septage Uploading at CD WWTP has been approved by the Court on December 28, 2016.	N/A

		Table A-3.2 Central District WWTP Capital Improvement Proj	ects	
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
2.21	Pump Station 1	The CDWWTP Pump Station No. 1 project is being performed pursuant to Paragraph 19(i) and Appendix D. The purpose of this project is to rehabilitate the pump station for the odor control system and rehabilitate the bar screen mechanisms.	Design was completed, permitting commenced. Procurement and construction continued. Construction of Screen Rehab - CD Pump Station No. 1 was completed.	Permitting, procurement and construction will continue.
2.22	Pump Station 2	The CDWWTP Pump Station No. 2 project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the rehabilitation of the pump station odor control system, rehabilitation of bar screen mechanism, and replacement pump stations flow metering to improve maintenance accessibility.	Procurement was completed and construction commenced.	Construction will be completed.
2.23	O ₂ Plant Process Controls Phase 2	The CDWWTP O ₂ Plant Process Controls project is being performed pursuant to Paragraph 19(i) and Appendix D. Existing oxygen production systems are either failing or obsolete. The purpose of this project is to replace existing oxygen production systems.	Construction was completed on April 25, 2016 ahead of the CD compliance date March 9, 2017.	N/A
2.24	Gas Monitoring	The CDWWTP Gas Monitoring project is being performed pursuant to Paragraph 19(i) and Appendix D. The purpose of this project is to monitor gas levels and place alarms in hazardous areas.	Procurement and construction continued.	Procurement and construction will be completed.

		Table A-3.2 Central District WWTP Capital Improvement Proje	ects	
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
2.25	Ventilation Improvements	The CDWWTP Ventilation Improvements project is being performed pursuant to Paragraph 19(i) and Appendix D. The purpose of this project is to improve ventilation in hazardous areas. This project schedule has been broken down into multiple components to more accurately reflect the way the work is being executed: 1) WASD In House HVAC Improvements. 2) Headworks HVAC Improvements (Project 2.3/2.4) 3) Digester Control Building HVAC Improvements (Project 2.15) 4) Pump Station 1 HVAC Improvements (Project 2.21) 5) Pumps Station 2 HVAC Improvements (Project 2.22)	Design, permitting, procurement and construction continued. 2.25(2) Construction continued. 2.25(3) Construction continued. 2.25(4) Design was completed and permitting commenced. 2.25(5) Procurement was completed and construction commenced.	Design, permitting, procurement and construction will continue. 2.25(2) Construction will continue. 2.25(3) Construction will continue. 2.25(4) Permitting will continue and procurement will commence. 2.25(5) Construction will be completed.
2.26	Rehabilitation of Walkways and Stairways	The CDWWTP Rehabilitation of Walkways and Stairways project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the replacement of corroded walkways, stairways, railings, grating throughout the plant. Work is being performed by in-house WASD resources.	Construction continued.	Construction will continue.

		Table A-3.2 Central District WWTP Capital Improvement Proje	ects	
Project Number	Project Name	Project Name Project Description		Anticipated Actions to Be Performed in the Next Two Calendar Quarters
2.27		The CDWWTP Oxygen Production project is being performed pursuant to Paragraph 19(i) and Appendix D. The existing units are near the end of useful life and prone to failure. The purpose of this project is to construct a new 80 ton/day oxygen production cryogenic tower and air compression unit to provide full redundancy. This project was split into 2 "child" projects: 1) Oxygen Production Site Preparation, and 2) Oxygen Production Design-Build.	Design was completed, permitting commenced and was completed, procurement commenced. 2.27(1) Design continued, permitting commenced and was completed. Design for 2.27(2) was completed and procurement commenced.	Procurement will continue. Procurement for 2.27(2) will continue.
2.28	SCADA RTU	The CDWWTP Building Improvements project was performed pursuant to Paragraph 19(i) and Appendix D. The old radio communication system was obsolete and it was difficult to procure parts. The purpose of the project was to upgrade the SCADA remote telemetry units to maintain operational sustainability.	This project was completed as of February 10, 2014 ahead of the CD compliance date March 29, 2014.	N/A
2.29	High Strength Influent Impact Study	The CDWWTP High Strength Influent Impact Study was performed pursuant to Paragraph 19(i) and Appendix D. The CDWWTP was experiencing an increase in TSS and BOD loading. This study investigated the sources and conceptualized solutions to eliminate or mitigate the change in plant influent characteristics.	Completed. Work started February 2013 and was completed June 5, 2014 ahead of the CD compliance date June 24, 2014.	N/A

		Table A-3.3 North District WWTP Capital Improvement Pro	ojects		
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters	
3.1	Headworks and Sludge Degritting Transfer		Construction continued. Construction Phase 1: Screens was completed.	Construction will be completed. Construction Phase 2: Building Improvements will be completed.	
3.2	Primary Clarifiers and Odor Control	Control (Remaining Scope of Work).	Design was completed, permitting continued, procurement commenced. Design was completed for 3.2(1) and procurement commenced. Design was completed for 3.2(2) and permitting commenced.	Permitting will be completed, procurement will continue, and construction will commence. 3.2(1) Procurement will be completed and construction will commence. Permitting for 3.2(2) will be completed and procurement will commence.	
3.3	Oxygenation Trains	The NDWWTP Oxygenation Trains project is being performed pursuant to Paragraph 19(i) and Appendix D. The purpose of this project is to rehabilitate the structures of the aeration tanks and its mechanical and electrical systems.	Design and procurement commenced.	Design and procurement will continue. Construction will commence.	

		Table A-3.3 North District WWTP Capital Improvement Pro	ojects	
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
3.4	Oxygen Production	The NDWWTP Oxygen Production project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the rehabilitation of the structure of the oxygen plant and its mechanical and electrical systems.	Design continued.	Design will continue.
3.5	Secondary Clarifiers	The NDWWTP Secondary Clarifiers project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the rehabilitation of the structure of the secondary clarifiers and its mechanical and electrical systems. This project was split into 2 child projects: 3.5(1) Replace Mechanisms # 1-10; and 3.5(2) Remaining Scope of Work.	Design was completed. Permitting, procurement and construction continued. 3.5(1) Construction of Secondary Clarifiers (Replace Mechanisms #1, 2, 4, 5, 7, 9, and 10 was completed. 3.5(2) Design was completed and permitting continued.	Permitting will be completed, procurement and construction will continue. Permitting will be completed for 3.5(2), and procurement will commence.
3.6	Disinfection	The NDWWTP Disinfection project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the replacement of the chlorine gas storage, liquid chlorination and dosing system with bulk sodium hypochlorite storage and dosing system in the existing chlorine building.	Permitting continued.	Permitting will be completed, and procurement will commence.

	Table A-3.3 North District WWTP Capital Improvement Projects					
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
3.7	Effluent Disposal	The NDWWTP Effluent Disposal project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the installation of standby pumps to ensure effluent disposal capacity and the structural rehabilitation of the ocean outfall pump station wet well. All of the 3.07 work has been combined into a single project. The Deep Injection Well (DIW) mechanical and electrical equipment is being managed by WASD Plant Staff. The CD scope is limited to pumps 5-6, where pumps 1-4 will be funded through the overall WASD CIP.	The OO Pump Station rehabilitation was completed in March 2015. Construction of DIW Pump Station Mechanical continued.	Construction will continue. Construction of DIW Pump Station Mechanical will continue.		
3.8	Plant Wide Electrical	The NDWWTP Plant Wide Electrical project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the rehabilitation and replacement of electrical controls and wiring as needed at the NDWWTP. This project schedule has been broken down into multiple child/sub projects to better reflect the way the work is being executed: 1) NDWWTP General Electrical In House Construction Feeders 1 and 2 have been replaced. 2) Electrical Feeders 3-6 Feeders 3-6 will be replaced in conjunction with Project 3.1. 3) Electrical Feeders 7-8 Feeders 7 and 8 will be replaced along with Project 3.4. 4) Electrical Feeders 9-14	Design, permitting, procurement, and construction continued. 3.8(1) General Electrical In-house construction (Feeders 1-2) was completed on January 15, 2016. 3.8(2) Electrical Feeders 3-6 (Project 3.1) construction continued. 3.8(4) Electrical Feeders 9-14, construction of Electrical Feeders 11&12 was completed.	3.8(2) Electrical Feeders 3-6 (Project 3.1) construction will be completed. 3.8(3) Electrical Feeders 7-8 (Project 3.4) design will		

	Table A-3.3 North District WWTP Capital Improvement Projects						
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters			
3.9	Flood Mitigation	The NDWWTP Flood Mitigation project is being performed pursuant to Paragraph 19(i) and Appendix D. The purpose of this project is to mitigate the flood potential in the Generator and Electrical Building at the NDWWTP.	This project was completed on June 24, 2016, ahead of the CD compliance date of August 13, 2017.	N/A			
3.10	Yard Piping Replacement	The NDWWTP Yard Piping Replacement project is being performed pursuant to Paragraph 19(i) and Appendix D. The purpose of this project is to replace the wastewater piping that interconnects unit processes throughout the plant.	Project was completed on May 24, 2016, ahead of the CD compliance date of December 4, 2021.	N/A			
3.11	SCADA RTU Upgrades	The NDWWTP SCADA RTU Upgrades project is being performed pursuant to Paragraph 19(i) and Appendix D. The current radio communication system is obsolete and it is difficult to procure parts. The purpose of the project is to upgrade the SCADA remote telemetry units to maintain operational sustainability.	Project was completed on November 26, 2014, ahead of the CD compliance date March 24, 2015.	N/A			

	Table A-4.1 Wastewater Collection and Transmission Lines					
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
4.1	Collection System I/I Repairs		Work on this project is ongoing.	Work on this project will continue.		
4.2	Government Cut FM Phase 1 & 2		Project was completed on the CD compliance date of September 30, 2013.	N/A		
4.3	Government Cut FM Phase 3	accordance with Paragraph 19(i) and Appendix D. The Government Cut FM Phase 3 (Norris Cut Utility Relocation Project) is comprised of the following; the existing 54" force main underneath Norris Cut	Project was completed on November 23, 2016, ahead of the CD compliance date of April 8, 2017.	N/A		

	Table A-4.1 Wastewater Collection and Transmission Lines					
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
4.4	North Dade 72 inch PCCP FM Rehabilitation	This North Dade Force Main Rehabilitation project is being performed in accordance with Paragraph 19(i) and Appendix D. The project replaces a damaged section of 72-inch force main that has experienced catastrophic failure. The rehabilitation involves 3.5 miles of 72 inch PCCP FM located between NW 17 Avenue and NE 10 Avenue in North Dade.	May 5, 2016 ahead of the CD compliance date of	N/A		
4.5	South Dade 54 inch PCCP FM Rehabilitation	This South Dade Force Main Rehabilitation project is being performed in accordance with Paragraph 19(i) and Appendix D. The project involves the rehabilitation of 2.5 miles of 54 inch PCCP FM from SW 112 Avenue and SW 280 Street to SW 107 Avenue and SW 248 Street in South Dade. It replaces sections of the 54-inch force main that has critically damaged pipe segments. Current Status: This project has been split into two (2) separate child projects: Phase 1) which includes approximately four (4) miles of a new 54" pipe from SW 127 Ave/SW 280 St. to SW 107 Ave/SW 248 St and Phase 2) for the rehabilitation of the existing 2.5 miles line, from SW 280 St/ 112th Ave 248th St./107 Ave., which will be completed after the new line is in service and will be used for future redundancy.	Construction continued. 4.5(1) Construction continued.	Construction will be completed. Construction will be completed for 4.5(1). Design for 4.5(2) (Non-Consent Decree) will commence, be completed, and permitting will commence.		
4.6	Replacement of Tamiami Canal Aerial Crossing FMs at NW 37th Avenue	in accordance with Paragraph 19(i) and Appendix D. This project replaces corroded twin 24 inch FM's crossing the Tamiami Canal at NW 37 Avenue, just south of NW 21 Street in the Tamiami area.	Construction was substantially completed on May 27, 2014 ahead of the CD compliance date of October 29, 2016.	N/A		
4.7	Rehabilitation of 18 DIP FM in Miami Lakes	purpose of this project is to replace severely corroded 18-inch pipe	Construction was substantially completed on December 7, 2015 ahead of the CD compliance date of April 9, 2017.	N/A		

		Table A-4.1 Wastewater Collection and Transmiss	ion Lines		
Project Number	Project Name	Project Description Actions Completed During Previous Two Calendar Quarters		Anticipated Actions to Be Performed in the Next Two Calendar Quarters	
4.8	Rehabilitation of 54 inch PCCP FM in the City of Miami	This City of Miami Force Main Rehabilitation project is being performed pursuant to Paragraph 19(i) and Appendix D. A section of 54-inch force main in the City of Miami is deteriorated and has experienced failures. The project involves the rehabilitation of 2 miles of 54 inch PCCP FM by cured-in-place liner located on NW 2 Street between NW 67 Avenue and NW 37 Avenue in the City of Miami. This project has been split into two separate child projects. The first (4.8.1) includes the two miles of PCCP pipe rehabilitation as stipulated in the Consent Decree scope. The second child project (4.8.2) includes the remaining two miles of pipe rehab or replacement necessary to ensure the long term integrity of this force main segment. This is a Non-Consent Decree child project. Both sections will utilize a performance specification delivery method for trenchless technology.	Construction of 4.8(1) was completed on June 16, 2017. Construction for 4.8(2) (Non-Consent Decree) commenced.	Construction for 4.8(2) (Non-Consent Decree) will continue.	
4.9	Replace Approximately 30 miles of AC FM Transmission System	This Force Main Transmission System Replacement project is being performed pursuant to Paragraph 19(i) and Appendix D. The purpose of this project is to replace asbestos cement force mains that have experienced failures and are difficult to locate in the field. This includes approximately 30 miles of AC FM transmission system. This project has been divided into multiple sub/child projects. See individual status of each project in Table A-4.2.	Design, permitting, procurement and construction continued.	Design, permitting, procurement and construction will continue.	

	Table A-4.1 Wastewater Collection and Transmission Lines						
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters			
4.10	Opa-Locka Airport FM Replacement	The Opa-Locka Airport PCCP Force Main Replacement project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the rehabilitation of 2.5 miles of 48" PCCP force main running along the Biscayne Canal between NW 57th Avenue & NW 32nd Avenue. The length has been determined to have approximately one quarter of its line segments distressed based on in-situ condition assessments. This project has been split into four (4) child/sub projects. 1) Includes rehab of an existing 48" FM east of the Opa-Locka Airport. 2) Includes two (2) miles of open cut 54" DIP FM pipe along airport. 3) Includes 1,550 LF of 16" DIP FM along NW 159th Street between NW 57th Ave and NW 54th Ave. This is a Non-Consent Decree Project. 4) Includes the Opa-Locka Airport Concessions Project. This is a Non-Consent Decree Project.	Construction continued. 4.10(1) Construction continued. 4.10(2) Construction continued. 4.10(3) Procurement and construction continued. 4.10(4) Design continued.	Construction will continue. 4.10(1) Construction will be completed. 4.10(2) Construction will be completed. 4.10(3) Procurement will be completed and construction will continue. 4.10(4) Design will be completed and permitting will commence.			

	Table A-4.2 Project 4.9 Replacement of Approximately 30 Miles AC FM Transmission System						
Line Number	Diameter	From Location	To Location	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
1	12	SW 112 Ave. & SW 104 St.	SW 112 Ave. & SW 112 St.	In planning/validation stage.	Design will commence		
2	8	NE 14 Ave. & 191 St.	NE 14 Ave. & Miami Gardens Dr.	Construction for this project was completed on October 25, 2016.	N/A		
3	6	PS 356	NW 53 Ct. & NW 195 Dr.	This project was completed on August 11, 2014.	N/A		
4	8	NW 53 Ct. & NW 195 Dr.	NW 52 Ct. & NW 191 Dr.	This project was completed on August 11, 2014.	N/A		
5	10	NW 52 Ct. & NW 191 St.	NW 52 Ct. & NW 188 Dr.	This project was completed on August 11, 2014.	N/A		
6	6	PS 362	NW 52 Ct. & NW 190 Dr.	Procurement was completed and construction commenced.	Construction will be completed.		
7	10	NW 52 Ct. & NW 190 St.	NW 52 Ave. & NW 189 Ter.	Procurement was completed and construction commenced.	Construction will be completed.		
8	10	NW 52 Ct. & NW 188 St.	NW 52 Ave. & NW 183 St.	This project was completed on August 11, 2014.	N/A		
9	8	PS 385	NW 29 Ct. & NW 199 St.	This project was completed on August 7, 2015.	N/A		
10	12	NW 29 Ct. & NW 199 St.	NW 30 Pl. & NW 199 St.	This project was completed on August 7, 2015.	N/A		
11	8	NW 29 Ct. & NW 199 St.	NW 28 Ave. & NW 199 St.	This project was completed on August 7, 2015.	N/A		
12	6	PS 374	NW 28 Ave. & NW 199 St.	This project was completed on August 7, 2015.	N/A		
13	12	NW 30 Pl. & NW 199 St.	NW 37 Ave. & NW 199 St.	This project was completed on August 7, 2015.	N/A		
14	8	PS 368	NW 37 Ave. & NW 194 Ter.	This project was completed on June 3, 2015.	N/A		

	Table A-4.2 Project 4.9 Replacement of Approximately 30 Miles AC FM Transmission System					
Line Number	Diameter	From Location	To Location	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters	
15	4	PS 375	NW 29 Pl. and NW 191 St.	This project was completed on June 3, 2015.	N/A	
16	10	PS 427	NW 29 Pl. and NW 191 St.	This project was completed on June 3, 2015.	N/A	
17	10	NW 29 Pl. and NW 191 St.	NW 32 Ave. & NW 191 St.	This project was completed on June 3, 2015.	N/A	
18	6	PS 376	NW 32 Ave. & NW 191 St.	This project was completed on June 3, 2015.	N/A	
19	6	PS 377	NW 36 Ave. & NW 183 St.	This project was completed on June 3, 2015.	N/A	
20	8	PS 366	NW 42 Pl. & NW 199 Ter.	This project was completed on March 6, 2017.	N/A	
21	10	NW 42 Pl. & NW 199 Ter.	NW 39 Ct. & NW 199 St.	This project was completed on March 6, 2017.	N/A	
22	6	PS 358	PS 352	This project was completed on March 1, 2017.	N/A	
23	8	PS 1022	PS 1072	Procurement continued.	Procurement will conclude and construction will commence.	
24	8	PS 353	NW 48 Ct. & NW 178 Ter.	This project was completed on October 27, 2016.	N/A	
25	10	NW 52 Ave. & NW 173 Dr.	NW 52 Ave. & NW 178 Ter.	This project was completed on April 3, 2017.	N/A	
26	6	PS 354	NW 52 Ave. & NW 173 Dr.	This project was completed on April 3, 2017.	N/A	
27	4	Pvt. PS @ SW 149 Ter.	MH 14 @ PS 719	Construction for this project was completed on November 20, 2015.	N/A	

	Table A-4.2 Project 4.9 Replacement of Approximately 30 Miles AC FM Transmission System					
Line Number	Diameter	From Location	To Location	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters	
28	8	PS 786	MH 5 @ PS 785	Design commenced.	Design will be completed and permitting will commence.	
29	12	PS 811	SW 107 Ave. & SW 76 St.	Permitting was completed and procurement commenced.	Procurement will conclude and construction will commence.	
30	12	PS 811	SW 102 Ave. & SW 81 St.	Permitting was completed and procurement commenced.	Procurement will conclude and construction will commence.	
31	10	PS 812	SW 102 Ave. & SW 84 St.	Permitting was completed and procurement commenced.	Procurement will conclude and construction will commence.	
32	12	SW 107 Ave. & SW 104 St.	SW 107 Ave. & Kendale Blvd.	Construction commenced.	Construction will be completed.	
33	4	Pvt. PS @ 114 Ave. & SW 169 St.	MH 59 @ SW 103 Ave.	This project was completed on August 12, 2016.	N/A	
34	10	PS 709	Homestead Ave. & Kumquat St.	Design continued.	Design will be completed. Permitting will commence and be completed. Procurement will commence.	
35	6	SW 110 Ave. & Banyan St.	SW 95 Ave. & SW Banyan St.	Design continued.	Design will be completed. Permitting will commence and be completed. Procurement will commence.	
36	4	PS 721	US1 & Banyan St.	Design continued.	Design will be completed. Permitting will commence and be completed. Procurement will commence.	

	Table A-4.2 Project 4.9 Replacement of Approximately 30 Miles AC FM Transmission System					
Line Number	Diameter	From Location	To Location	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters	
37	4	PS 749	PS 731	Design continued.	Design will be completed. Permitting will commence and be completed. Procurement will commence.	
38	4	PS 747	US1 & East Indigo St.	Design continued.	Design will be completed. Permitting will commence and be completed. Procurement will commence.	
39	10	SW 102 Ave. & SW 176 St.	Homestead Ave. & West Jessamine	Design continued.	Design will be completed. Permitting will commence and be completed. Procurement will commence.	
40	8	PS 745	SW 102 Ave. & SW 175 St.	Design continued.	Design will be completed. Permitting will commence and be completed. Procurement will commence.	
41	4	PS 731	SW Duval Ave. & West Indigo St.	Design continued.	Design will be completed. Permitting will commence and be completed. Procurement will commence.	
42	10	SW 102 Ave. & West Jessamine	US1 & SW 184 St.	Design continued.	Design will be completed. Permitting will commence and be completed. Procurement will commence.	

	Table A-4.2 Project 4.9 Replacement of Approximately 30 Miles AC FM Transmission System						
Line Number	Diameter	From Location	To Location	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
43	12	Homestead Ave. & 180 St.	Railroad St. & SW 184 St.	Design continued.	Design will be completed. Permitting will commence and be completed. Procurement will commence.		
44	8	PS 810	SW 118 Pl. & SW 72 St.	In planning/validation stage.	Design will commence		
45	12	PS 793	SW 118 Pl. & SW 72 St.	In planning/validation stage.	Design will commence		
46	6	PS 724	SW 106 Ave. & SW 155 St.	Design continued.	Design will be completed. Permitting will commence and be completed. Procurement will commence.		
47	8	PS 869	$\sim 0.01177 \Delta 0.00 X. \sim 0.01 \times 0.01$	This project was completed on February 1, 2017.	N/A		
48	10	PS 1017	SW 123 Pl. & SW 268 St.	Design continued.	Design will be completed. Permitting will commence and conclude. Procurement will commence.		
49	10	PS 1029	SW 132 Ave. & 268 St.	Design continued.	Design will be completed. Permitting will commence and conclude. Procurement will commence.		
50	8	SW 137 Ave. & SW 268 St.	SW 128 Ave. & 268 St.	Design continued.	Design will be completed. Permitting will commence and conclude. Procurement will commence.		
51	10	PS 1028	SW 137 Ave. & 288 St.	Design continued.	Design will be completed. Permitting will commence and conclude. Procurement will commence.		

	Table A-4.2 Project 4.9 Replacement of Approximately 30 Miles AC FM Transmission System					
Line Number	Diameter	From Location	To Location	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters	
52	10	PS 1027	SW 132 Ave. & 280 St.	Design continued.	Design will be completed. Permitting will commence and conclude. Procurement will commence.	
53	8	PS 1018	MH 44A @ SW 132 Ave.	Design continued.	Design will be completed. Permitting will commence and conclude. Procurement will commence.	
54	12	SW 137 Ave. & SW 72 St.	SW 142 Ave. & SW 72 St.	In planning/validation stage.	Design will commence.	
55	12	SW 142 Ave. & SW 72 St.	SW 147 Ave. & SW 72 St.	In planning/validation stage.	Design will commence.	
56	8	PS 864	SW 147 Ave. & SW 72 St.	In planning/validation stage.	Design will commence.	
57	8	SW 142 Ave. & Kendale Lakes Blvd.	SW 140 Ave. & Kendale Lakes Blvd.	In planning/validation stage.	Design will commence.	
58	10	SW 140 Ave. & Kendale Lakes Blvd.	SW 137 Ave. & Kendale Lakes Blvd.	In planning/validation stage.	Design will commence.	
59	12	SW 137 Ave. & Kendale Lakes Blvd.	SW 137 Ave. & SW 81 St.	In planning/validation stage.	Design will commence.	
60	8	PS 1013	PS 1012	Design continued.	Design will continue.	
61	10	PS 1012	SW 144 Ave. & SW 280 St.	Design continued.	Design will continue.	
62	8	PS 1011	SW 144 Ct. & SW 280 St.	Design continued.	Design will continue.	
63	10	SW 147 Ave. & SW 288 St.	SW 134 Pl. & SW 288 St.	Design continued.	Design will be completed. Permitting will commence and conclude. Procurement will commence.	
64	6	PS 1009	SW 147 Ave. & SW 296 St.	In planning/validation stage.	Design will commence	
65	6	PS 1006	PS 1005	Design continued.	Design will continue.	
66	8	PS 1002	SW 152 & SW 304 St.	Design commenced.	Design will be completed. Permitting and procurement will commence.	

	Table A-5.1 Sewer Pump Station Systems				
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters	
5.1	Upgrade of PS No. 0418	The Upgrade of PS No. 0418 project is being performed pursuant to Paragraph 19(i) and Appendix D. The station has reached the end of its useful life and a booster station is needed to relieve pressures in the Doral area. The purpose of this project is to convert PS No. 0418 into a booster type station.	Construction continued.	Construction will continue.	
5.2	Upgrade of PS No. 0691	The Upgrade of PS No. 0691 project is being performed pursuant to Paragraph 19(i) and Appendix D. The existing equipment of the PS is beyond its useful life and capacity increase is required to handle increased Homestead flows. This project involves the replacement of pumping and electrical equipment in PS No. 0691.	Construction commenced.	Construction will continue.	
5.3		The Upgrade of PS No. 0692 project is being performed pursuant to Paragraph 19(i) and Appendix D. The existing equipment of the PS is beyond its useful life and capacity increase is required to handle increased Homestead flows. This project involves the replacement of pumping and electrical equipment in PS No. 0692.	Permitting continued and procurement commenced.	Permitting and procurement will be completed. Construction will commence.	
5.4	Replacement of Switchgear PS No. 0414	The Replacement of Switchgear PS No. 0414 project is being performed pursuant to Paragraph 19(i) and Appendix D. The existing pump station equipment has reached the end of its useful life and a booster station is needed to relieve the pressures and reroute flow away from PS 1310 and PS 0300. The purpose of this project is to convert PS 0414 into a booster type station and rehabilitate and replace the entire facility equipment (pumps, motors, electrical equipment, HVAC, valves, and piping).	Permitting was completed and procurement continued.	Procurement will be completed and construction will commence.	

	Table A-5.1 Sewer Pump Station Systems				
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters	
5.5	Replacement of Switchgear and Rehabilitation of Wet Well PS No. 0415	The Replacement of Switchgear and Rehabilitation of Wet Well PS No. 0415 project is being performed pursuant to Paragraph 19(i) and Appendix D. The existing pump station equipment has reached the end of its useful life and the wet well structure is badly deteriorated due to H_2S . This project involves the rehabilitation and replacement of the entire facility equipment (pumps, motors, electrical equipment, HVAC, odor control, valves, piping and wet well) in PS 0415.	and procurement	Procurement will be completed and construction will commence.	
5.6	Replacement of Switchgear PS No. 0416	The Replacement of Switchgear PS No. 0416 project is being performed pursuant to Paragraph 19(i) and Appendix D. The existing equipment of the PS is beyond its useful life. This project involves the replacement of electrical switchgear in PS No. 0416.	Permitting was completed and procurement continued.	Procurement will be completed and construction will commence.	
5.7	Replacement of Switchgear and Rehabilitation of Wet Well PS No. 0417	The Replacement of Switchgear and Rehabilitation of Wet Well PS No. 0417 project is being performed pursuant to Paragraph 19(i) and Appendix D. The existing equipment of the PS is beyond its useful life and the wet well structure is badly deteriorated due to H ₂ S. This project involves the rehabilitation and replacement of the entire facility equipment (pumps, motors, electrical equipment, HVAC, odor control, valves, piping and wet well) in PS 0417.	Permitting and procurement continued.	Permitting and procurement will be completed. Construction will commence.	
5.8	Replacement of Electrical and Mechanical Equipment PS No 0107	The Replacement of Electrical and Mechanical Equipment PS No. 0107 project is being performed pursuant to Paragraph 19(i) and Appendix D. The existing equipment is beyond of the PS is beyond its useful life and parts are not readily available for the load cell type controllers. This project involves the replacement of pumping and electrical equipment of PS No. 0107.	Construction continued.	Construction will be completed.	

		Table A-5.1 Sewer Pump Station Systen	ns	
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
5.9	Replacement of Pumping and Electrical Equipment PS No. 0301	The Replacement of Pumping and Electrical Equipment PS No. 0301 project is being performed pursuant to Paragraph 19(i) and Appendix D. The existing pump station equipment has reached the end of its useful life and a new pump station is needed to address future capacity needs, sea level rise and storm surge. Phase 1 of the project involves the replacement of the pumps, electrical equipment and generators, in addition to rehabilitation of the HVAC equipment of PS 0301. Phase 2 will include the construction of a new submersible pump station.	Procurement continued.	Procurement will be completed. Construction will commence.
5.10	Upgrade of PS No. 0488	The Upgrade of PS No. 0488 project is being performed pursuant to Paragraph 19(i) and Appendix D. The existing equipment is beyond its useful life. This project involves the conversion of the PS a submersible type station.	This project was completed on December 8, 2016 ahead of the CD compliance date of May 9, 2018.	N/A
5.11	Installation of 60 inch FM from Kendall Dr. to PS No. 0536	Currently, there is a pressure differential and increase flow transfer between PS #0559 and PS #0536. The purpose of this project was originally to install a 60" FM from Kendall Dr. to PS #0536 to eliminate the 42" reduction in the 60" FM. System reviews and analysis has determined that the installation of a 48-inch cross connection between the existing 72-inch effluent FM to an existing 48-inch force main will accomplish the desired reduction in pressure differential.	Permitting was completed and procurement continued.	Procurement will be completed and construction will commence.

	Table A-5.1 Sewer Pump Station Systems					
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
5.12	Replacement of Switchgear PS No. 0187	The Replacement of Switchgear PS No. 0187 project is being performed pursuant to Paragraph 19(i) and Appendix D. The existing PS equipment is beyond its useful life and parts are not readily available. This project involves the demolition of the four (4) existing 450 hp pumps (3 two-speed, and 1 with Anvic Drive) and the installation of four (4) new 450 hp pumps and motors, with new VFDs, replacement of electrical switchgear, HVAC and lighting upgrades, expansion of Electrical Room, generator upgrades, and replacement of plug valves and control valves.	Procurement was completed and construction commenced.	Construction will continue.		
5.13	Refurbish Emergency Generators and Controls at Regional PSs	The Refurbish Emergency Generators and Controls at regional PSs project is being performed pursuant to Paragraph 19(i) and Appendix D. The emergency backup generators are unreliable due to the age of the controllers and the condition of the wiring on the engines. The purpose of this project is to refurbish emergency generators and controls at regional PSs.	Construction was completed on February 4, 2016, ahead of the CD compliance date of July 20, 2016.	N/A		
5.14	Upgrade of PSs Nos. 0086 and 0492	The Upgrade of Pump Stations No. 0086 and 0492 project was performed and completed pursuant to Paragraph 19(i) and Appendix D. The project was designed to increase reliability and extend the service life of the pump station. The pump stations also exceeded the Adequate Transmission Capacity Criteria with a NAPOT of greater than 10 hours. For this project, Pump Station No. 0086 was converted to a submersible type pump station with an existing wet well and the electrical controls and instrumentation were upgraded. The electrical controls and instrumentation for Pump Station No. 0492 were upgraded. It was also rehabilitated to a new submersible type pump station.	Construction was completed on July 15, 2013, ahead of the CD compliance date of December 31, 2013.	N/A		

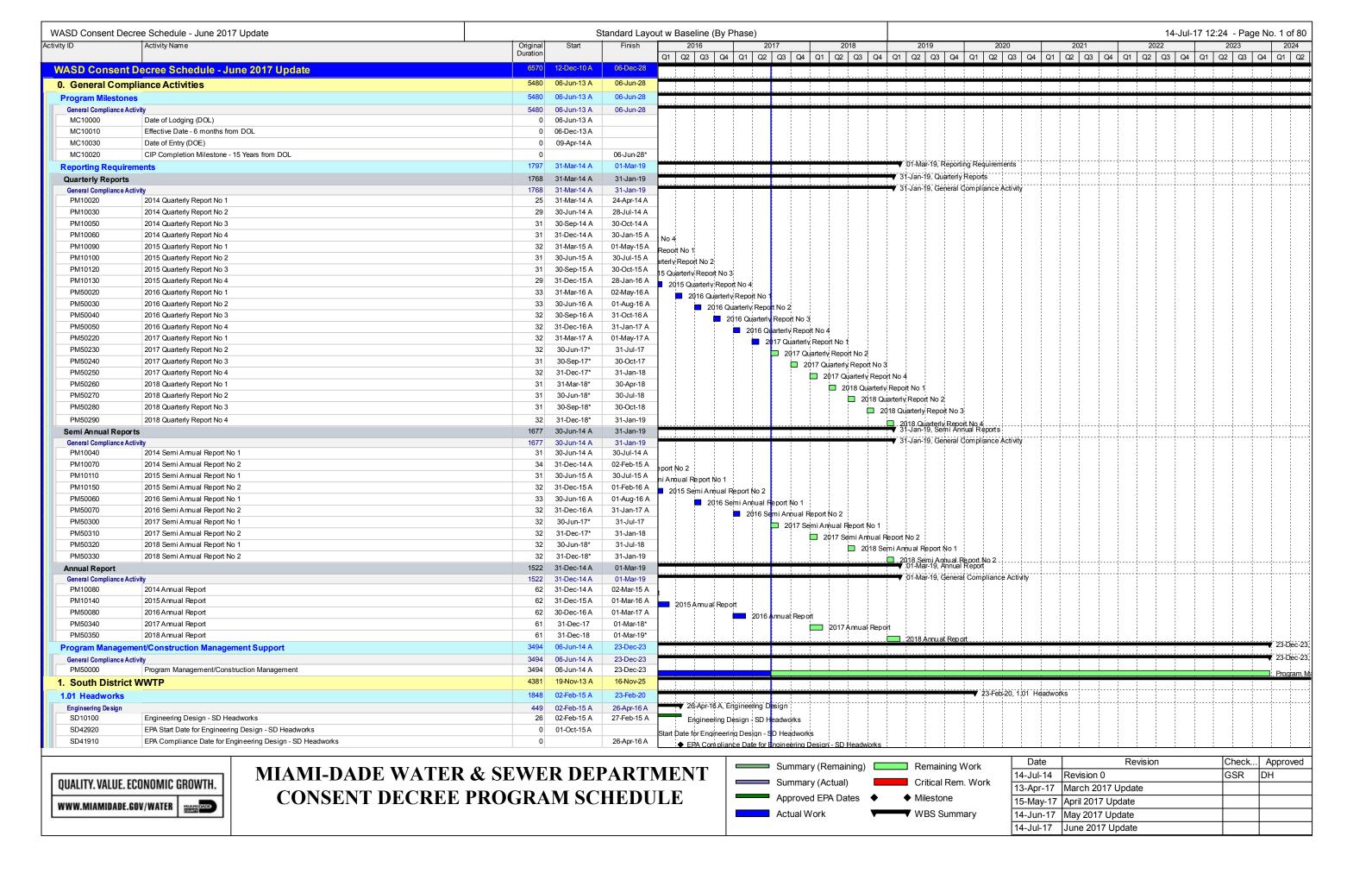
		Table A-5.1 Sewer Pump Station System	ns	
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
5.15	Upgrade of PSs Nos. 0065, 0201, 0334, 0374, 0607	The Upgrade of PSs No. 0065, 0201, 0334, 0374, 0607 project is being performed pursuant to Paragraph 19(i) and Appendix D. The pump stations exceed the Adequate Transmission Capacity Criteria with a NAPOT of greater than 10 hours. The PS No. 0065 is being upgraded to include new submersible pumps in the existing dry well, installation of larger suction and discharge piping, and an electrical upgrade. The PS No. 0201 is being upgraded to include new submersible pumps, installation of a new valve box, an electrical upgrade and 48 l/l repairs for a flow of 176 gpm. The PS No. 0334 project involves the conversion to a new submersible type pump station, an electrical upgrade and the installation of 2,200 L.F. of new 8 inch FM. The PS No. 0374 is being upgraded to include new submersible pumps, installation of a new valve box, an electrical upgrade and the installation of 320 L.F. of new 8 inch FM. The PS No. 0607 project involves the conversion to a new submersible type pump station and an electrical upgrade.	compliance date December 31, 2015.	N/A

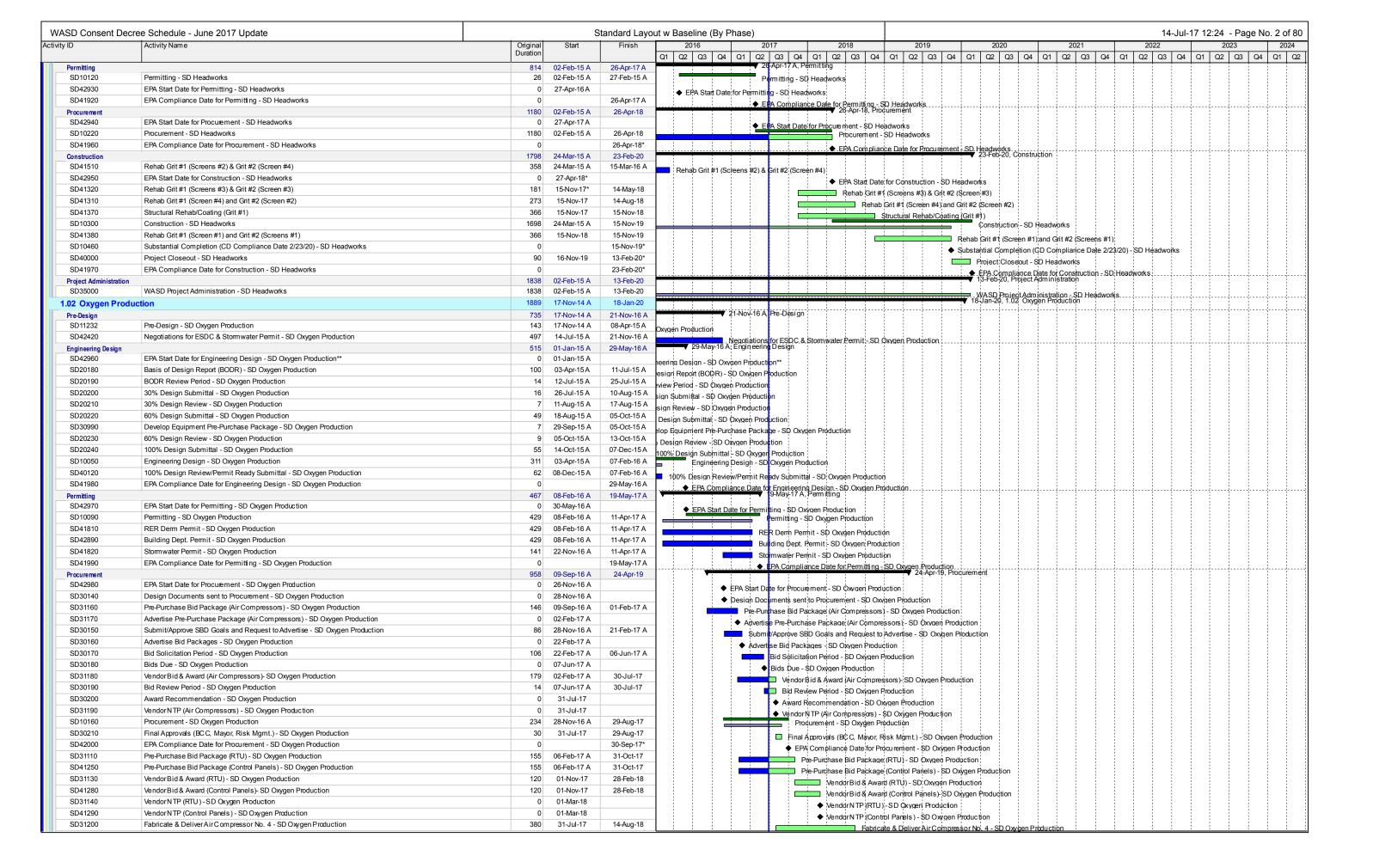
	Table A-5.1 Sewer Pump Station Systems					
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
5.16	Upgrade of PSs Nos.0198, 0437, 0466, 0680	The Upgrade of PSs No. 0198, 0437, 0466, 0680 project is being performed pursuant to Paragraph 19(i) and Appendix D. These pump stations exceed the Adequate Transmission Capacity Criteria with a NAPOT of greater than 10 hours. The PS #0198 is being upgraded to include new submersible pumps in a new triplex wet well, an electrical upgrade and flow isolation. PS #0437 is being upgraded to include new dry pit submersible pumps, replacement of roughly 100 linear feet of 10" force main to the street connection, and electrical upgrades. PS#0466 is being upgraded to include refurbishment of the existing wet well and repairs to pipes and valves. PS #0680 is being upgraded to include new submersible pumps, new valve box, electrical upgrades and a new generator with sub-base tank. This project has been divided into four (4) child projects. With the following current statuses: 1) Pump Station No. 0198 Compliance Project. The CD Compliance deadline of December 31, 2016 was not achieved. The PMCM and WASD are working with the Contractor to try and complete the remaining work. 2) Pump Station No. 0437 Upgrade 3) Pump Station No. 0466 Compliance Project 4) Pump Station No. 0680 Upgrade	5.16(2) PS#0437: Construction was completed on December 15, 2016 ahead of CD Compliance date of December 31, 2016. 5.16(3) PS#0466: Construction was completed on October 21, 2016 ahead of CD Compliance date of December 31, 2016.	Construction will be completed. 5.16(1) PS#0198 Construction will be completed.		

		Table A-5.1 Sewer Pump Station System	ns	
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters
5.17	Upgrade of PSs Nos. 0037, 0351, 0370, 0403	The Upgrade of PSs No. 0037, 0351, 0370, 0403 project is being performed pursuant to Paragraph 19(i) and Appendix D. The pump stations exceed the Adequate Transmission Capacity Criteria with a NAPOT of greater than 10 hours. The PS No. 0037 project involves the conversion to a new submersible type pump station and an electrical upgrade. The PS No. 0351 is being upgraded to include new submersible pumps, installation of a new valve box, an electrical upgrade and the replacement of 360 L.F. of 4 inch with 8 inch FM. The PS No. 0370 project involves the conversion to a new submersible type pump station, an electrical upgrade and the installation of 760 L.F. of new 8 inch FM. The PS No. 0403 project involves the conversion to a new submersible type pump station, an electrical upgrade and the installation of an on-site generator. This project is split into four (4) different sub/child projects (one per pump station). 5.17(1) Pump Station 0037 Compliance Project 5.17(2) Pump Station No. 0351 Upgrade 5.17(3) Pump Station No. 0370 Upgrade and Installation of FM 5.17(4) Pump Station 0403 Upgrade	completed. Construction commenced 5.17(1) PS#0037: Permitting and Procurement were completed. Construction	Construction will be completed. 5.17(1) PS#0037: Construction will be completed. 5.17(2) PS#0351: Construction will be completed. 5.17(3) PS#0370: Construction will be completed. 5.17(4) PS#0403: Construction will be completed.

	Table A-5.1 Sewer Pump Station Systems					
Project Number	Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
5.18	Upgrade of PSs Nos. 0441, 0491, 0710, 0827, 0852, 1236	The Upgrade of PSs No. 0441, 0491, 0710, 0827, 0852, 1236 project is being performed pursuant to Paragraph 19(i) and Appendix D. The pump stations exceed the Adequate Transmission Capacity Criteria with a NAPOT of greater than 10 hours. The PS No. 0441 project involves the conversion to a new submersible type pump station and an electrical upgrade. PS No. 0491 is undergoing flow isolation and I/I repairs if necessary. The PS No. 710 project involves the conversion to a new submersible type pump station, an electrical upgrade and the installation of 1,800 L.F. of new 8 inch FM. The PS No. 0827 is being upgraded to include larger submersible pumps, installation of a new valve vault, an electrical upgrade and the replacement of 1,600 L.F. of 4 inch FM with 8 inch FM. The PS No. 0852 project involves the conversion to a new submersible type pump station and an electrical upgrade. PS No. 1236 is undergoing 300 I/I repairs to achieve a flow of 130 gpm. This project is split into six (6) different sub/child projects. 1) Pump Station 0441 Upgrade 2) Pump Station 0491 Compliance Project 3) Pump Station 0827 Compliance Project 6) Pump Station 0827 Compliance Project 6) Pump Station 1236 Compliance Project 6) Pump Station 1236 Compliance Project 7) Pump Station 1236 Compliance Project 8) Pump Station 1236 Compliance Project 9) Pump Station 1236 Compliance Project 10) Pump Station 1236 Compliance Project — Consent Decree requirements for this project were accomplished and received EPA certification for Substantial Completion. PS#1236 has Maintenance issues and will be resolved under phase 2 for which CD deadlines are not applicable.	Design continued. 5.18(1) Design continued. 5.18(2) Design commenced. 5.18(3) Design continued. 5.18(4) Design continued. 5.18(5) Design continued. 5.18(6) Design commenced.	Design will be completed. Permitting will commence and be completed. Procurement will commence. 5.18(1) Design and permitting will be completed, and procurement will commence. 5.18(2) Design will be completed, permitting, procurement and construction will commence. 5.18(3) Design will be completed, permitting will commence and conclude, and procurement will commence. 5.18(4) Design will be completed. Permitting will commence and be completed, and procurement will continue. 5.18(5) Design will be completed, permitting will commence and be completed, permitting will commence and be completed, permitting will commence. 5.18(6) Design will be completed, permitting and procurement will commence.		

	Table A-5.1 Sewer Pump Station Systems					
Project Number	I Project Name	Project Description	Actions Completed During Previous Two Calendar Quarters	Anticipated Actions to Be Performed in the Next Two Calendar Quarters		
5.19	SCADA RTU Upgrades	The SCADA RTU Upgrades project is being performed pursuant to Paragraph 19(i) and Appendix D. The current radio communication system is obsolete and it is difficult to procure parts. The purpose of the project is to upgrade the SCADA remote telemetry units for 635 pump stations to maintain operational sustainability.		N/A		





	ee Schedule - June 2017 Update	1			ut w Baseline (By Phase)	14-Jul-17 12:24 - Page No. 3 of 8
ctivity ID	Activity Name	Original Duration	Start	Finish		017
SD30980	Pre-Purchase RTU (Summary) - SD Oxygen Production	497	06-Feb-17 A	08-Oct-18	Q1 Q2 Q3 Q4 Q1 Q2	
SD41260	Pre-Purchase Control Panels (Summary) - SD Oxygen Production	497	06-Feb-17 A	08-Oct-18		Pre-Purchase RTU (Summary) - SD Oxygen Production Pre-Purchase Control Panels (Summary) - SD Oxygen Production
SD31150	Fabricate & Deliver RTU - SD Oxygen Production	222	01-Mar-18	08-Oct-18		Fabricate & Deliver RTU - SD Oxygen Production
SD41300	Fabricate & Deliver Control Panels - SD Oxygen Production	222	01-Mar-18	08-Oct-18	1	Fabricate & Deliver R to - 3D Oxygen Production Fabricate & Deliver Control Panels - SD Oxygen Production
SD30000	Pre-Purchase Air Compressors (Summary) - SD Oxygen Production	958	09-Sep-16 A	24-Apr-19		Pre-Purchase Air Compressors (Summary) - SD Oxygen Production
SD41580	Refurbish & Deliver Air Compressor No. 3 -SD Oxygen Production	250	18-Aug-18	24-Apr-19		
Construction		1377	12-Apr-16 A	18-Jan-20	V	Réfurbish & Delliver Air Compressor No. 3S.D. Oxyden Production 18 Jan-20, Construction
SD41590	Install New Oil/Water Separator (WASD)	43	12-Apr-16 A	24-May-16 A	Install New Oil/Water S	parator (WASID)
SD30220	Contractor NTP - SD Oxygen Production	0	30-Aug-17*		1	◆ Contractor NTP - SD Oxygen Production
SD42990	EPA Start Date for Construction - SD Oxygen Production	0	01-Oct-17*			♦ EPA Start Date for Construction - SD Oxygen Production
SD41530	Construct New Electrical Building	412	30-Aug-17	15-Oct-18		Construct New Electrical Building
SD41830	Install Instrumentation and Controls	60	30-Oct-18	28-Dec-18	-	Install Instrumeritation and Controls
SD41540	Install & Test Compressor No. 4	139	28-Aug-18	13-Jan-19	-	Install & Test Compressor No. 4
SD41570 SD10260	Disassemble, Ship, Refurbish and Return Compressor No. 3 Construction (Consent Decree) - SD Oxygen Production	120 742	14-Jan-19 30-Aug-17	13-May-19 10-Sep-19	-	Disassemble, Ship, Refurbish and Return Compressor No. 3
SD41550	Install & Test Compressor No. 3	120	14-May-19	10-Sep-19	-	Construction (Consent Decree) - SD Oxygen Production
SD10440	Construction Completion Milestone #1 (CD Compliance Date 9/13/19) - SD Oxygen Production	120	14-Way-19	10-Sep-19*	-	Install & Test Compressor No. 3
SD42010	EPA Compliance Date for Construction - SD Oxygen Production	0		13-Sep-19*	1	◆ Construction Completion Milestone #1 (CD Compliance Date 9/13/19) - SD Oxygen Production
SD41560	Decommission Compressors No. 1 and No. 2	60	11-Sep-19	09-Nov-19	1	◆ EPA Compliance Date for Construction - SD Oxygen Production
SD43880	Construction (Non-Consent Decree) - SD Oxygen Production	70	11-Sep-19	19-Nov-19	1	Decommission Compressors No. 1 and No. 2
SD43890	Substantial Completion (Non-Consent Decree) - SD Oxygen Production	0		19-Nov-19*	1	Construction (Non-Consent Decree) - SD Oxygen Production A Substantial Completion (Non-Consent Decree) - SD Oxygen Production
SD40010	Project Closeout - SD Oxygen Production	60	20-Nov-19	18-Jan-20	1	◆ \$ubstantial Completion (Non-Consent Decree) - SD Oxygen Production
Project Administration	+	1739	03-Apr-15 A	18-Jan-20		Project Closeout - SD Oxygen Production 18 Jan-20, Project Administration
SD35010	WASD Project Administration - SD Oxygen Production	1739	03-Apr-15 A	18-Jan-20		WASD Project Administration - SD Oxygen Production
1.03 Oxygenation Tra	ains	3941	02-Feb-15 A	16-Nov-25		
Engineering Design		914	16-Feb-17 A	30-Sep-19		▼ 30-Şep-19; Enginjeering Design
SD43000	EPA Start Date for Engineering Design - SD Oxygenation Trains	0	31-Mar-17 A		♦ EF	Start Date for Engineering Design - SD Oxygenation Trains
SD10190	Engineering Design - SD Oxygenation Trains	810	16-Feb-17 A	17-Sep-19		Eng(neering Des)gn - SD Oxygenation Trains
SD42020	EPA Compliance Date for Engineering Design - SD Oxygenation Trains	0		30-Sep-19*		◆ EPA Compliance Date for Engineering Design SD Oxygenation Trains → 31-Mar-20; Permitting
Permitting		196	18-Sep-19	31-Mar-20		▼ 31-war-20, Permitting
SD43010	EPA Start Date for Permitting - SD Oxygenation Trains	0	01-Oct-19*	45.14 00	-	♦ EPA Start Date for Permitting - SD Oxygenation Trains
SD10250	Permitting - SD Oxygenation Trains	180	18-Sep-19	15-Mar-20	-	Permitting:-SD Øxygenation Trains
SD42030	EPA Compliance Date for Permitting - SD Oxygenation Trains	1599	21-Mar-17 A	31-Mar-20* 14-Nov-21	<u> </u>	◆ EPA Compliance Date for Permitting - SD Oxygenation Trains 14-Nov-21. Procurement
Procurement SD43020	EPA Start Date for Procurement - SD Oxygenation Trains	1599	18-Jul-18*	14-INOV-21	-	
SD42040	EPA Compliance Date for Procurement - SD Oxygenation Trains	0	10 001 10	17-Jul-19*	-	◆ EPA Start Date for Procurement - SD Oxygenation Trains
SD10330	Procurement - SD Oxygenation Trains	1599	21-Mar-17 A	14-Nov-21		▶ EPA Compliance Date for Procurement -SD Oxygenation Trains Procurement -SD Oxygenation Trains Procurement -SD Oxygenation Trains
Construction		3941	02-Feb-15 A	16-Nov-25		nicodement of Systemator Italia
SD43030	EPA Start Date for Construction - SD Oxygenation Trains	0	18-Jul-19*		1	◆ EPA Start Date for Construction - SD Ox/genation Trains
SD41680	Construction - SD Oxygenation Trains	2736	02-Feb-15 A	13-Dec-22		V Li Adiat Bate of Constitution 142 Congulation infinite
SD41730	Substantial Completion (CD Compliance Date 11/16/25) - SD Oxygenation Trains	0		13-Dec-22*		◆ Substantial Completion (CD Com
SD42050	EPA Compliance Date for Construction - SD Oxygenation Trains	0		16-Nov-25*		
1.03 (1) - Oxygenation	n Trains Structural Rehab	2692	02-Feb-15 A	16-Jun-22		V 16-Jun-22, 1.03 (1) - Oxygenation Trains Structi
Pre-Design		168		15-Feb-17 A	15-Fe	17 A, Pre-Design
SD42500	Pre-Design - SD Oxygenation Trains Struct. Rehab	169	31-Aug-16 A	15-Feb-17 A	Pre-D	sign - SD Oxygenation Trains Struct Rehab.
Engineering Design	Facilitation Desire Tails 5, OD Outstanding Tailor Object Ballah	135		30-Jun-17		3 30-dun-17 Engineering Design
SD42550 SD41660	Engineering Design Train 5 - SD Oxygeration Trains Struct. Rehab	37	16-Feb-17 A	24-Mar-17 A	■ En	peering Design Train 5 - SD Οχίγαερατί οn Trains Struct. Rehab
SD41660 SD42530	Engineering Design - SD Oxygenation Trains Struct. Rehab	135		30-Jun-17	-	Engineering Design - SD Oxygenation Trains Struct Rehab
Procurement	Engineering Design Trains 2, 3, 4, 6, 7 -SD Oxygenation Trains Struct. Rehab	135 1700	16-Feb-17 A 21-Mar-17 A	30-Jun-17 14-Nov-21	···	Engineering Design Tains 2, 3, 4, 6, 7 - SD Oxygenation Trains Struct. Rehab. ▼ 14-Nov;21, Procurement
SD42600	Procurement Train 5 - SD Oxygenation Trains Struct. Rehab	90		01-Jun-17 A		
SD42580	Procurement Train 4 - SD Oxygenation Trains Struct. Rehab	90	17-Aug-17*	14-Nov-17	1	Procurement Train 5 - SD Oxygenation Train's Struct. Rehab
SD42470	Procurement Train 7 - SD Oxygenation Trains Struct. Rehab	90		14-Nov-18	1	Procurement Train 4 - SD Oxygenation Trains Struct. Rehab
SD42590	Procurement Train 6 - SD Oxygenation Trains Struct. Rehab	90	17-Aug-19*	14-Nov-19	1	Procurement Train 7 - SD Oxyge hation Trains' Struct, Rehab
SD42610	Procurement Train 3 - SD Oxygenation Trains Struct. Rehab	90	17-Aug-20*	14-Nov-20	1	Procurement Train 6 - SD Oxygenation Trains Struct, Rehab
SD41670	Procurement - SD Oxygenation Trains Struct. Rehab	1700		14-Nov-21		Procurément Train 3 - SD Oxygehation Trains Struct. Rehab Procurément - SD Oxygenation Trains Struct. Rehab
SD42620	Procurement Train 2 - SD Oxygenation Trains Struct. Rehab	90	17-Aug-21*	14-Nov-21		
Construction		2692	02-Feb-15 A	16-Jun-22		Procurement Train 2 - SD Oxyge hation Trains Struct. Rehab
SD10630	Construction Train 1 - SD Oxygenation Trains Struct. Rehab	341	02-Feb-15 A	08-Jan-16 A		
SD10550	Construction Train 5 - SD Oxygenation Trains Struct. Rehab	95	17-Mar-17 A	01-Jun-17 A	_	Construction Train 5 - SD Dxygenation Trains Struct. Rehab
SD10420	Construction Train 4 - SD Oxygenation Trains Struct. Rehab	104	15-Nov-17	26-Feb-18		Construction Train 4 - SD Oxygenation Trains Struct. Rehab
SD10640	Construction Train 7 - SD Oxygenation Trains Struct. Rehab	104	15-Nov-18	26-Feb-19		
SD10490	Construction Train 6 - SD Oxygenation Trains Struct. Rehab	104	15-Nov-19	26-Feb-20		Construction Train 6 - SD Oxygenation Trains Struct. Rehab
SD10590	Construction Train 3 - SD Oxygenation Trains Struct. Rehab	104	15-Nov-20	26-Feb-21		Çonstruction Train 3 - SD Oxygenati
SD10413	Construction - SD Oxygenation Trains Struct. Rehab	2602	02-Feb-15 A	26-Feb-22		
SD10620	Construction Train 2 - SD Oxygenation Trains Struct. Rehab	104	15-Nov-21	26-Feb-22*		Çonstructio
SD42850	Project Closeout - SD Oxygenation Trains Struct. Rehab	90	19-Mar-22	16-Jun-22*	<u> </u>	Project Closeout - SD Oxygenation Trains Strus ✓ 26-Feb-22, Project Administration
Project Administration		2602	02-Feb-15 A	26-Feb-22		26-Feb-22, Project Administration

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ctivity ID Acti	ivity Name	Original Duration	Start	Finish	<u> </u>	016 Q3 Q4	Q1 Q2	Q3 Q4	2018 Q1 Q2 Q:	3 Q4 Q1	2019 Q2 Q3	3 Q4 (202i Q1 Q2	Q3 Q4 Q1	2021 Q2 C	Q3 Q4 (20 Q1 Q2			023 Q3	Q4 Q1
SD35020 WA	SD Project Administration - SD Oxygenation Trains Struct. Rehab	2602	02-Feb-15 A	26-Feb-22		 					+ +								iministration 13-N	+ +	
1.03 (2) - Oxygenation Tra	nins - Electrical Building Expansion	2559	11-Mar-16 A	13-Mar-23	V						1								13-N	/ar-23, 1.0	J3 (2) - Oxyg
Pre-Design	D. C. ODO. C. T. C. C. L. D. L. F. C.	731	11-Mar-16 A	25-Jul-18						25-Jul-18, Pre	e-Design										
	-Design - SD Oxygenation Trains Electrical Building Expansion	731	11-Mar-16 A	25-Jul-18						Pre-Design - S	SD Oxygena	tion Trains	Electrical E	uilding Expansi ing Design	ion					.	
Engineering De sign SD20270 Bas	sis of Design Report (BODR) - SD Oxygenation Electrical Building Expansion	419 60	26-Jul-18 26-Jul-18	17-Sep-19 23-Sep-18	- 1				- 1		1 1	- 1	- 1 1	- 1 1	- 1		į				
	DR Review Period - SD Oxygenation Trains Electrical Building Expansion	14	24-Sep-18	07-Oct-18	-				_	1 1	1 1			ation Electrical							
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	6 Design Review - SD Oxygenation Trains Electrical Building Expansion	14	11-Jan-19	24-Jan-19						- : :	1 1	- 1		tion Trains Elec	- 1	7 1	- 1				
	6 Design Submittal - SD Oxygenation Trains Electrical Building Expansion	105	25-Jan-19	09-May-19	-					1 1	, , -		, ,	on Trains Elect		-, . ,					
	6 Design Review - SD Oxygenation Trains Electrical Building Expansion	21	10-May-19	30-May-19	\dashv					- -	1 1			Oxygenation Tra		1 1					
	1% Design Submittal - SD Oxygenation Trains ⊟ectrical Building Expansion	80	31-May-19	18-Aug-19							1 1	1 - 1		xygenation Trai	1 1		1	: :			
	gineering Design - SD Oxygenation Trains Electrical Building Expansion	419	26-Jul-18	17-Sep-19	-				_			i i		al - SD Oxygen	i i	i i	1	i i			
	1% Design Permit Review/Permit Ready Submittal - SD Oxygenation Trains Electrical Building Expansion	30	19-Aug-19	17-Sep-19										- SD Oxygenat					First L.		
Permitting	, , , , , , , , , , , , , , , , , , ,	180	18-Sep-19	15-Mar-20		† <u> </u>						1: _100%_L	Design Pem 15-Mar	it Review/Perm 20, Permitting	nt Ready S	upmittaiSi	J_Oxygena	ilon limins	Electrical Br	ulaina Ex	pansion
	mitting - SD Oxygenation Trains Electrical Building Expansion	180	18-Sep-19	15-Mar-20								<u> </u>	- Domit	na CD Olama	nation Train	an Floatrid al	Duil dina	Evnantian			
Procurement		453	18-Sep-19	13-Dec-20	-	† <u> </u>						-	Permit	ng SD.Oxyger 13-E	nation Iraii Dec-20, Pro	ocurement	-Buttaing.	Expansion	11	1	
SD43540 GM	OU submittal and approval - SD Oxygenation Trains Electrical Building Expansion	20	18-Sep-19	07-Oct-19								GMOL	Leuhmittal	nd approval - S	SD Ovvrens	ation Trains I	 	: Building Ev	nansion		
SD43420 Inte	emal Bid Package Review - SD Oxygenation Trains Electrical Building Expansion	3	16-Mar-20	18-Mar-20	1							- SWICE	i i	Bid Package F	1	i i	i	1 1	`i i	nsion	
SD30410 Des	sign Documents Sent to Procurement - SD Oxygenation Trains Electrical Building Expansion	0	19-Mar-20		1									Documents Se	- 1		!	: :	1 1	1 1	nangion
SD30420 Sub	omit/Approve SBD Goals and Request to Advertise - SD Oxygenation Trains Electrical Building Expansion	60	19-Mar-20	17-May-20	1								1 7	mit/Approve SI	i i	i i	1	i i	i i	1 11	i i
SD30430 Adv	vertise Bid Package - SD Oxygenation Trains Electrical Building Expansion	0	18-May-20	-	1								- 1 1	ertise Bid Pack	- 1	1 1	- 1		77	1 1	Juliulii
SD30440 Bid	Solicitation Period - SD Oxygenation Trains Electrical Building Expansion	60	18-May-20	16-Jul-20	1								1 1	Bid Solicitatio	1 1	1 1	1	1	1 1	1 1	
SD30450 Bids	s Due - SD Oxygenation Trains Electrical Building Expansion	0	17-Jul-20											Bids Due - SD					1 1	dision	
SD30460 Bid	Review Period - SD Oxygenation Trains Electrical Building Expansion	30	17-Jul-20	15-Aug-20										Bid Review	1		,	, .		mion	
SD30470 Awa	ard Recommendation - SD Oxygenation Trains Electrical Building Expansion	0		15-Aug-20									1 1	◆ Award Reco		1 1	1		1 1	1 1	
SD41700 Prod	curement - SD Oxygenation Trains Electrical Building Expansion	270	19-Mar-20	13-Dec-20										1 1	1 1	1 1			lical Building Exp	1 1	"
	al Approvals (BC C, Mayor, Risk Mgmt.) - SD Oxygenation Trains Electrical Building Expansion	120	16-Aug-20	13-Dec-20															Oxygenation		lootriool Dui
Construction		820	14-Dec-20	13-Mar-23		1		· · · · · · · · · · · · · · · · · · ·						FILE	ai Appiovai	S (BC-C, Ivia)	OJ, KISK IV	idint)-25	13-N	/jalijs_Ei	onstruction
SD20258 Cor	ntractor Notice to Proceed (NTP) - SD Oxygenation Trains Electrical Building Expansion	0	14-Dec-20											♠ Con	ntractor Not	tice to Proce	ed (NTP) .	SD Oxyge	nation Trains	: Electrica	l Building E
SD20260 Cor	nstruction of Building and Electrical Upgrades - SD Oxygenation Trains Electrical Building Expansion	730	14-Dec-20	13-Dec-22										₩ 001	itiactor ivol		cu (ivii)	OD Oxygo	- 1	1 1	Iding and Ele
SD10650 Sub	ostantial Completion (CD Compliance Date 11/16/25) - SD Oxygenation Trains Electrical Building Expansion	0		13-Dec-22*											1 1	1 1	1		Substantia	1 1	11
SD40020 Proj	ject Closeout - SD Oxygenation Trains Electrical Building Expansion	90	14-Dec-22	13-Mar-23*															i i	1 1	1 1
Project Administration		1692	26-Jul-18	13-Mar-23	1	·		· · · · · · · · · · · · · · · · · · ·											13-N	Mar-23, Pro	out - SD Oxy oject Admini
SD35030 WA	SD Project Administration - SD Oxygenation Trains Electrical Building Expansion	1692	26-Jul-18	13-Mar-23						! !	! !	1 1	1 1	- ! !	! !	! !			- WAS	SD Projec	t Administr
1.03 (3) - Oxygenation Tra	nins Mixer Upgrades	2307	22-Feb-16 A	16-Jun-22	V ;	: : :	;	: :	1 1	; ;	; ;	; ;	: :		; ;	; ;	· ·	16-Jun-22	WAS 2, 1.03 (3) - Ox	kygenatio	1 Trains Mix
Pre-Design		180	12-Jan-17 A	31-Aug-17			-	31-Aug	17, Pre-Design												
SD43520 Pre-	-Design (Mixer Evaluation) - SD Oxygenation Trains Mixer Upgrade	180	12-Jan-17 A	31-Aug-17	1	jj.		Pre-Des	ign (Mixer Eva	uation) - SD (Oxygenation.	Trains Mix	ker Upgrade.								
Engineering Design		181	01-Sep-17	28-Feb-18				V	28-Feb-18	, Engineering	Design										
SD43530 Eng	gineering Conceptual Design (Mixer Evaluation) - SD Oxygenation Trains Mixer Upgrade	181	01-Sep-17	28-Feb-18		<u>]</u>			Engineeri	ng Conceptua	ıl Desigh (Mi	lixer Evalua	tion) - SD D	ygehation Train	ns Mixer U	ograde					
Construction		2307	22-Feb-16 A	16-Jun-22			1				1 1							16-Jun-22	2, Constructio	n	
	nstruction Train 7 - SD Oxygenation Trains Mixer Upgrade	131	22-Feb-16 A	01-Jul-16 A		•									_						
	nstruction Train 4 - SD Oxygenation Trains Mixer Upgrade	93	01-Nov-17	01-Feb-18					1						-	1 1	1	Train 4 - SI	Oxygenation	n Trains N	lixer Upgrad
	nstruction Train 5 - SD Oxygenation Trains Mixer Upgrade	90	15-Feb-18	15-May-18								Çor	nstruction T	ain 5 - SD Oxyg	enation Tra	ains Mixer U	pgråde				
	nstruction Train 1 - SD Oxygenation Trains Mixer Upgrade	124	15-Nov-18	18-Mar-19																	
	nstruction Train 6 - SD Oxygenation Trains Mixer Upgrade	123	15-Nov-19	16-Mar-20									- '	Const	truction Tra	ain 6 - SD Ox	ygenation	Trains Mix	er Upgrade		
	nstruction Train 3 - SD Oxygenation Trains Mixer Upgrade	123	15-Nov-20	17-Mar-21								1 1	1 1				- 1		Construction	n¦Train 3-	SD Oxygen
	nstruction - SD Oxygenation Trains Mixer Upgrade	2217	22-Feb-16 A	18-Mar-22	-	1 1	i	1 1	1 1	1 1		1	1 1	1 1	1 1	1 1				1	
	nstruction Train 2 - SD Oxygenation Trains Mixer Upgrade	124	15-Nov-21	18-Mar-22*																	Construc
	ject Closeout - SD Oxygenation Trains Mixer Upgrade	90	19-Mar-22	16-Jun-22*		ļļ												Project Cl	oseout - SD 0 1,04 Chlorin	Oxygenati	on Trains M
1.04 Chlorine Building		1767	31-Jul-17	01-Jun-22		ļļ												0 1-Juli-22,	1,04 Chionn	e Bullulii	1
Pre-Design		160	31-Jul-17	06-Jan-18				1 1	06-Jan-18, Pr												
	-Design - SD Chlorine Building	160	31-Jul-17*	06-Jan-18					Pre-Design - S	SD Chlorine B	Building										
Engineering Design		459	07-Jan-18	10-Apr-19				•			10-Apr-1	19, Enginee	ering Desigr								
	sis of Design Report (BODR) - SD Chlorine Building	60	07-Jan-18	07-Mar-18	_				Basis of I	Design Repor	t (BODR) - SI	SD Chlorine	Building								
	DR Review Period - SD Chlorine Building	14	08-Mar-18	21-Mar-18					■ BODR R	eview Period	- SD Chlorin	ne Building									
	6 Design Submittal - SD Chlorine Building	90	22-Mar-18	19-Jun-18					30	% Design Su	bmittal - SD	Ohlorine E	Building								
	6 Design Review - SD Chlorine Building	17	20-Jun-18	06-Jul-18	-				□ 3	0% Design R	teview - SD C	Chlorine Bu	uilding								
	6 Design Submittal - SD Chlorine Building	60	07-Jul-18	04-Sep-18	-					60% Design	gn Submittal	I - SD Chlo	rine Buildin								
	6 Design Review - SD Chlorine Building	14	05-Sep-18	18-Sep-18	_					☐ 60% Desi	ign Review -	- SD Chlori	ne Building								
	A Start Date for Engineering Design - SD Chlorine Building	0	01-Dec-18*		_					◆ EPA	Start Date for	or Engineer	ring Design	SD Chlorine B	Building						
	1% Design Submittal - SD Chlorine Building	80	19-Sep-18	07-Dec-18	_					1009	<u>%</u> Design Տւ										
	gineering Design - SD Chlorine Building	365	07-Jan-18	06-Jan-19	_				+ +		Enginee	ering Desig	gn - \$D Chlo	ine Building							
	1% Design Review/Permit Ready Submittal - SD Chlorine Building	30	08-Dec-18	06-Jan-19	_					10	00% Design	Review/Pe	emit Ready	Submittal - SD	Chlorine B	uilding					
SD42060 EPA	A Compliance Date for Engineering Design - SD Chlorine Building	0		10-Apr-19*	1	ļļ		<u> </u>						n eering Design r-20, Permitting	0.00	1 1	ı				
Permitting		459	07-Jan-19	09-Apr-20									09-A	r-20, Permitting	9		i				
	A Start Date for Permitting - SD Chlorine Building	0	11-Apr-19*		1						◆ EPA Sta	art Date for		SD Chlorine Bu							
SD10380 Pen	mitting - SD Chlorine Building	365	07-Jan-19	06-Jan-20							-			tting - SD Chlo		ng	- 1		1 1	1 1	

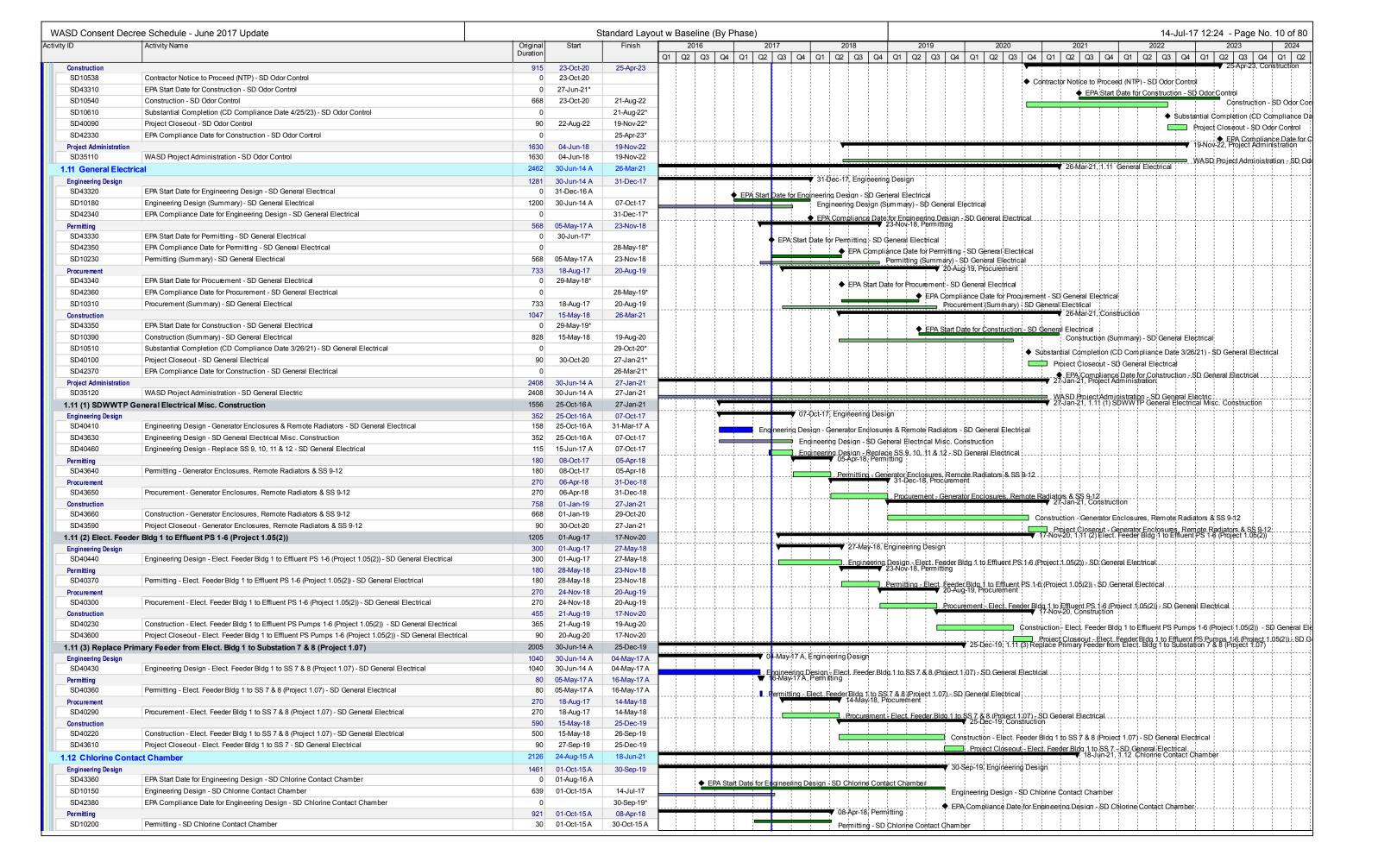
	ree Schedule - June 2017 Update			Standard Layo	out w Baseline (By Phase)									14-Jul-17 12:24 - Page No. 5 c
ity ID	Activity Name	Original Duration	Start	Finish	2016 201		04 6		2018	T 04	04	2019	2 04 4	2020 2021 2022 2023 20
SD42070	EPA Compliance Date for Permitting - SD Chlorine Building	0		09-Apr-20*	Q1 Q2 Q3 Q4 Q1 Q2	Q3	Q4 C	11 Q2	2 Q3	Q4	Q1	Q2 C	3 Q4 C	Q1 Q2 Q3 Q4 Q1
Procurement	ETA COMPRIANCE DATE OF CHIMATING OF CHICAGO	824	07-Jan-19	09-Apr-21										◆ EPA Compliance Date for Permitting - SD Chlorine Building ▼ 09-Apr-21; Procurement
SD43550	GMOU submittal and approval - SD Chlorine Building	20	07-Jan-19	26-Jan-19							- GM	l∩l l euh	mittal and a	pproval - SD Chlorine Building
SD43430	Internal Bid Package Review - SD Chlorine Building	3	07-Jan-20	09-Jan-20								ioo qub	i i	Internal Bid Package Review - SD Chlorine Building
SD30490	Design Documents Sent to Procurement - SD Chlorine Building	0	10-Jan-20			i	İ	İ		i	1 1	i	- 1	Design Documents Sent to Procurement'- SD Chlorine Building
SD30500	Submit/Approve SBD Goals and Request to Advertise - SD Chlorine Building	90	10-Jan-20	08-Apr-20	1									Submit/Approve SBD Goals and Request to Advertise - SD Chlorine Building
SD30510	Advertise Bid Package - SD Chlorine Building	0	09-Apr-20										-	♦ Advertise Bid Package - SD Chlorine Building
SD43060	EPA Start Date for Procurement - SD Chlorine Building - SD Chlorine Building	0	10-Apr-20*		1									▶ EPA Start;Date for Procurement - SD Chlorine Building - SD;Chlorine Building
SD30520	Bid Solicitation Period - SD Chlorine Building	60	09-Apr-20	07-Jun-20							1 1			Bid Solicitation Period - SD Chlorine Building
SD30530	Bids Due - SD Chlorine Building	0	08-Jun-20		1									Bids Due - SD Chlorine Building Bids Due - SD Chlorine Building
SD30540	Bid Review Period - SD Chlorine Building	60	08-Jun-20	06-Aug-20										
SD30550	Award Recommendation - SD Chlorine Building	0		06-Aug-20	1									Bid Review Period - SD Chlorine Building ◆ Award Recommendation - SD Chlorine Building
SD10470	Procurement - SD Chlorine Building - SD Chlorine Building	360	10-Jan-20	03-Jan-21										Procurement - SD Chlorine Building - SD/Chlorine Building
SD30560	Final Approvals (BCC, Mayor, Risk Mgmt.) - SD Chlorine Building	150	07-Aug-20	03-Jan-21	1									
SD42080	EPA Compliance Date for Procurement - SD Chlorine Building - SD Chlorine Building	0		09-Apr-21*										Final Approvals (BCC, Mayor, Risk Mgmt;) - SD Chlorine Building
Construction		514	04-Jan-21	01-Jun-22							} <u>}</u>			. EPA Compliance Date for Procurement - SD Chlorine Building - SD C
SD10518	Contractor Notice to Proceed (NTP) - SD Chlorine Building	0	04-Jan-21	01041122										
SD43070	EPA Start Date for Construction - SD Chlorine Building - SD Chlorine Building	0	10-Apr-21*		1	i	į				; ;			◆ Contractor Notice to Proceed (NTP) - SD Chlorine Building
SD10520	Construction - SD Chlorine Building - SD Chlorine Building	418	04-Jan-21	25-Feb-22	1									EPA Start Date for Construction - SD Chlorine Building - SD Chlorine
SD10580	Substantial Completion (CD Compliance Date 6/01/22) - SD Chlorine Building	0		25-Feb-22*	1	i	i			1	: :			
SD40030	Project Closeout - SD Chlorine Building	90	26-Feb-22	26-May-22*	-									◆ Substantial Completion (CD Compliance Date 6/
SD42090	EPA Compliance Date for Construction - SD Chlorine Building - SD Chlorine Building	0		01-Jun-22*						į	1 1			Project Closeout - SD Chlorine Building
Project Administration	21.7. Compliance Date for Constitution CD Cons	1601	07-Jan-18	26-May-22						+				
SD35040	WASD Project Administration - SD Chlorine Building	1601	07-Jan-18	26-May-22						į	<u> </u>			
.05 Effluent Pump	Station	3062	19-Nov-13 A	07-Apr-22										WASD Project Administration - SD Chlorins ▼ 07-Apr-22; 1.05 Effluent Pump Station
Engineering Design	, outlier	1641	19-Nov-13 A	17-May-18					17-Ma	v-18, E	ngineer	ing Desi	gn	
SD43080	EPA Start Date for Engineering Design - SD Effluent Pump Station	0	01-Sep-16 A	17-Way-10		!					1			
SD10170	Engineering Design - SD Effluent Pump Station	1641	19-Nov-13 A	17-May-18	◆ EPA Start Date for E	nginee	enng De						uent Pump	Station
SD42100	EPA Compliance Date for Engineering Design - SD Effluent Pump Station	0	1011011011	17-May-18*							1 1	- :	1 1	
Permitting	ETA Compliance Date for Engineering Deorgh CD Emacher unip Catton	1825	19-Nov-13 A	17-Nov-18					EPA C	Complia	ince Da 17-Nov-	ite.for.Er 18, Perm	gineering D. itting	esign - SD Effluent Pump Station
SD43090	EPA Start Date for Permitting - SD Effluent Pump Station	1029	18-May-18*	17-1404-10	-				<u> </u>					
SD10240	Permitting - SD Effluent Pump Station	1821	19-Nov-13 A	13-Nov-18				1	EPA S				- SD Effluer Effluent Pum	nt Pump Station
SD42110	EPA Compliance Date for Permitting - SD Effluent Pump Station	0		17-Nov-18*						-	: :	٠ :	- : :	
Procurement	2177 Comprising State for Familiary Co. 2 Emilion Francisco	2003	18-Feb-14 A	13-Aug-19							PA Co	mplianc	Date_for;Pe 13-Aug-19	ermitting -SD. Effluent Pump Station.), Procurement
SD43100	EPA Start Date for Procurement - SD Eff uent Pump Station	0	18-Nov-18*	107.449 10						1) (1	1 1	
SD10320	Procurement - SD Effluent Pump Station	2003	18-Feb-14 A	13-Aug-19						"	EPA Ste	int Dațe f		ent - SD Effluent Pump Station ent - SD Effluent Pump Station
SD42120	EPA Compliance Date for Procurement - SD Effluent Pump Station	0		13-Aug-19*						1				
Construction	21.7. Compliance Date for Floration of Community Charles	2880	20-May-14 A	07-Apr-22						+			EPA_Com.	pliance Date for Procurement - SD Effluent Pump Station 7-Apr-22; Construction
SD43110	EPA Start Date for Construction - SD Effluent Pump Station	0	14-Aug-19*			i					1 1	- 1	- ; ;	
SD10410	Construction - SD Effluent Pump Station	2632	20-May-14 A	02-Aug-21									EPA Start	Date for Construction -SD Effluent Pump Station Construction -SD Effluent Pump Station
SD10570	Substantial Completion (CD Compliance Date 4/07/22) - SD Effluent Pump Station	0		02-Aug-21*				-		-	1 1	- :	- : :	
SD42130	EPA Compliance Date for Construction - SD Effluent Pump Station	0		07-Apr-22*	-									◆ Substantial Completion (CD Compliance Date 4/07/22) - \$D Eff
	mp Station Wetwell Rehab	2381	19-Nov-13 A	26-May-20				<u>t</u>						EPA Compliance Date for Construction - SD Ef
Pre-Design	The station from its factor	233	05-Jul-16 A	23-Feb-17 A	→ 23-Feb	17 A, P	re-Desi	gn			} <u>}</u>			
SD42630	Pre-Design - Structural Rehab Wetwells	234	05-Jul-16 A	23-Feb-17 A					.i.	į.	1 1			
Engineering De sign		127	24-Feb-17 A	14-Jul-17	. Pre-Des	sian - S 7 14-Ji	tructura ul-17, Ei	. Kenab ngiņeeri	LVVetweing Des	alıs sign	} <u>-</u>		· 	
SD41740	Engineering Design - Structural Rehab Wetwells	127	24-Feb-17 A	14-Jul-17	1 : : 		neering		1	1	hab W	etwells		
SD42660	Engineering Design Wetwell #4 - Structural Rehab Wetwells	127	24-Feb-17 A	14-Jul-17		Ī	1	1	1	;	: :	- 1	Wetwelle	
SD43790	Engineering Design Wetwells #1-3 - Structural Rehab Wetwells	127	24-Feb-17 A	14-Jul-17	1	ı ⊏ılgli	neenng	Depi	VV ELWE	110 44 - 3	uuctur	aırtenal	Wetwells	
Procurement	· • •	730	15-Nov-17	14-Nov-19		ı⊏uğıı	eeung	nesign	_vv etw.e	#1-3	2 - SUUC	aniar ;Ke	vvetwel بيما 14-	ls. Nov-19, Procurement
SD42690	Procurement Wetwell #4 - Structural Rehab Wetwells	90	15-Nov-17*	12-Feb-18			- 1	- 1	- 1	1	1 1	1	I Rehab We	
SD42700	Procurement Wetwell #1 - Structural Rehab Wetwells	90	17-Aug-18*	14-Nov-18	1			FIOCE	Jieilieili	1	: :		- 1	tructural Rehab Wetwells
SD41750	Procurement - Structural Rehab Wetwells	730	15-Nov-17	14-Nov-19							rocurer	nent vve	1 1	curement - Structural Rehab Wetwells
SD42710	Procurement Wetwell #2 - Structural Rehab Wetwells	90	17-Aug-19*	14-Nov-19	-			- :	-	-	; ;			
Construction		1927	16-Feb-15 A	26-May-20	T	<u></u>	 i	<u>i</u>	<u></u>	<u></u>	<u> </u>	<u></u>	- Hro	curement Wetwell.#2Structural Rehab Wetwells. 26-May-20, Construction
SD30020	Structural Rehab Wetwell #3 - SD Effluent PS Wetwell Rehab	219	16-Feb-15 A	22-Sep-15 A	tural Bohoh Wotupil #2 CD Est	DC 14/	twollin	hok						
SD30110	Structural Rehab Wetwell #4 - SD Effluent PS Wetwell Rehab	104	13-Feb-18*	27-May-18	tural Rehab;Wetwell #3 + SD Effluent	o we	wente	i iali	C4	turnel D	beh 14	ohusal a	¢D F#	int DS Washell Bahah
SD30120	Structural Rehab Wetwell #1 - SD Effluent PS Wetwell Rehab	104	15-Nov-18*	26-Feb-19	-				otruct	i	i i	i	- i - i -	nt PS Wetwell Rehab
SD31740	Construction - Structural Rehab Wetwells	1853	16-Feb-15 A	26-Feb-20						<u> </u>		tructura	Kenab We	twell #1 - SD Effluent PS Wetwell Rehab Construction - Structural Rehab Wetwells
SD30130	Structural Rehab Wetwell #2 - SD Effluent PS Wetwell Rehab	104	15-Nov-19*	26-Feb-20		-				-	1 !			
SD11042	Substantial Completion (CD Compliance Date 4/07/22) - SD Effluent PS Wetwell Rehab	104	101101-10	26-Feb-20*	-		i			i	1 1			Structural Rehab Wetwell #2 - \$D Effluent PS Wetwell Rehab
SD42860	Project Closeout - SD Effluent PS Wetwell Rehab	90	27-Feb-20	26-May-20*	-							-	1 1	◆ Substantial Completion (CD Compliance Date 4/07/22) → SD Effluent PS Wetwell Rehab
	1 Magest 200 contract to MacMall Kellan			•						÷				Project Closeout - SD Effluent PS Wetwell Re ▼ 26-Feb-20, Project Administration
Project Administration SD35050	WASD Project Administration - SD Effluent PS Elect. Equip. (Pumps 7-9) & WW Rehab	2307	19-Nov-13 A 19-Nov-13 A	26-Feb-20 26-Feb-20	1									
											,			 WASD Project Administration - SD Effluent PS Elect. Equip. (Pumps 7-9) & WW. Rehab. 31-Oct-21, 1.05 (2) Effluent Pump Station Building Improvements.
, ,	mp Station Building Improvements & Pumps 1-6 Equip.	2069	03-Mar-16 A	31-Oct-21		31	Jul-17, I	ore-Dec	ian	ļ	ļ <u>ļ</u>			The state of the s
		516	03-Mar-16 A	31-Jul-17	1 • 1 1 1 1	* 017	our IF, I	دى ب	. a	1	1 1	1	1 1	
Pre-Design SD11192	Pre-Design - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	134	03-Mar-16 A	14-Jul-16 A	Pre-Design - SD Effluer		!		- 1	1	1		1 1	

	cree Schedule - June 2017 Update				ut w Baseline (By Phase)			14-Jul-17 12:24 - Page No. 6 of 8
ivity ID	Activity Name	Original Duration	Start	Finish	2016 2017	2018		021 2022 2023 2024
Engineering Design		673	14-Jul-16 A	17-May-18	Q1 Q2 Q3 Q4 Q1 Q2 Q3	3 Q4 Q1 Q2 Q3 Q4 Q 17-May-18, Engi		Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2
SD41840	Technical Memorandum (TM) - SD Effluent Pump Station Building Improvements & Pumps 1-6 Equip.	97	14-Jul-16 A	18-Oct-16 A				
SD20410	Basis of Design Report (BODR) - SD Effluent Pump Station Building Improvements & Pumps 1-6 Equip.	60	01-Aug-17	29-Sep-17			n Building Improvements & Pumps 1-6 Equip.	1.40
SD20420	BODR Review Period - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	10	30-Sep-17	09-Oct-17			- SD Effluent Pump Station Building Improvements & Pump	38 1-6 Equip.
SD20430	30% Design Submittal - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	30	10-Oct-17	08-Nov-17			ent PS Building Improvements & Pumps 1-6 Equip.	
SD20440	30% Design Review - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	10	09-Nov-17	18-Nov-17			Effluent P\$ Building Improvements & Pumps 1-6 Equip.	
SD20450	60% Design Submittal - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	80	19-Nov-17	06-Feb-18		i i i i i i	luent PS Building Improvements & Pumps 1-6 Equip	
SD20460	60% Design Review -SD Effluent PS Building Improvements & Pumps 1-6 Equip.	10	07-Feb-18	16-Feb-18			- SD Effluent P\$ Building Improvements & Pumps 1-6 Equi	
SD20470	100% Design Submittal - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	60	17-Feb-18	17-Apr-18			SD Effluent PS Building Improvements & Pumps 1-6 Equip.	
SD11102	Engineering Design - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	290	01-Aug-17	17-May-18	1		mittal - SD Effluent PS Building Improvements & Pumps 1- sign - SD Effluent PS Building Improvements & Pumps 1-6 I	
SD40150	100% Design Review/Permit Ready Submittal - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	30	18-Apr-18	17-May-18				
Permitting	100 % Design Newtown clime ready submitted - OD Emident 1 o Banding improvements at amps 1-0 Equip.	180	18-May-18	13-Nov-18	 -	13-1 100% Design R	eview/Permit Ready Submittal - SD Effluent PS Building Im	provements & Pumps 1-6 Equip
SD11112	Permitting - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	180	18-May-18	13-Nov-18		Per	nitting - SD Effluent P\$ Building Improvements & Pumps 1	-6 Fauir
Procurement	. Similarly SS Embour S Editarily improvements a ramps to Equip.	453	18-May-18	13-Aug-19	 	ren	13-Aug-19, Procurement	o Equip.
SD43560	GMOU submittal and approval - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	20	18-May-18	06-Jun-18				
SD43440	Internal Bid Package Review - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	3	14-Nov-18	16-Nov-18			al and approval - SD Effluent PS Building Improvements &	
SD30570	Design Documents Sent to Procurement - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	0	17-Nov-18				mat Bid Package Review - SD Effluent PS Building Improve	
SD30580	Submit/Approve SBD Goals and Request to Advertise - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	60	17-Nov-18	15-Jan-19			ign Documents Sent to Procurement - SD Effluent PS Build	
SD30590	Advertise Bid Package - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	0	16-Jan-19	10 00.1 10			Submit/Approve SBD Goals and Request to Advertise - SD	
SD30600	Bid Solicitation Period - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	60	16-Jan-19	16-Mar-19			Advertise Bid Package - SD Effluent PS Building Improvem	
SD30610	Bids Due - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	00	17-Mar-19	10 Mai 10			Bid Solicitation Period - SD Effluent PS Building Impro	
SD30620	Bid Review Period - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	30	17-Mar-19	15-Apr-19			◆ Bids Due - SD Effluent PS Building Improvements & Pt	
SD30630	Award Recommendation - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	0	17-18161-13	15-Apr-19			Bid Review Period - SD Effluent P\$ Building Improve	
SD30030 SD11122	Procurement - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	270	17-Nov-18	13-Apr-19			Award Recommendation - SD Effluent PS Building Ir	
SD30640	<u> </u>	120	16-Apr-19	13-Aug-19			Procurement - SD Effluent PS Building Impro	
	Final Approvals (BCC, Mayor, Risk Mgmt.) - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	810	<u> </u>		····		Final Approvals (BCC, Mayor, Risk Mgmt.)	\$D Effluent PS Building Improvements & Pumps 1-6 Equip.
Construction SD11130	Contractor Notice to Proceed (NTP) - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	810	14-Aug-19	31-Oct-21				
SD11130	· · · · · · · · · · · · · · · · · · ·	720	14-Aug-19 14-Aug-19	02 Aug 21			◆ Contractor Notice to Proceed (NTP) - SD Efflu	uent P\$ Building Improvements & Pumps 1-6 Equip.
	Construction - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	720	14-Aug-19	02-Aug-21				Construction - SD Effluent PS Building Improvemen
SD11142	Substantial Completion (CD Compliance Date 4/07/22) - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	0	00 4 04	02-Aug-21*				◆ Substantial Completion (CD Compliance Date 4/07/22) - \$D Effluen
SD40040	Project Closeout - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	90	03-Aug-21	31-Oct-21*	ļ 			Project Closeout - SD Effluent PS Building Improvements & Project 21, Project Administration
Project Administration SD35060	WASD Project Administration CD Efficient DC Duilding Improvements & Dumns 4 C Equip	1553 1553	01-Aug-17	31-Oct-21 31-Oct-21	· · · · · · · · · · · · · · · · · · ·			V 31-oct-21, Fioject Administration
	WASD Project Administration - SD Effluent PS Building Improvements & Pumps 1-6 Equip.	796	01-Aug-17 19-Nov-13 A	23-Jan-16 A	▼ 23-Jan-16 A, 1.05 (3) Effluent Pump Sta	ation Electrical Equipment (Pumps	7-9)	
	ump Station Electrical Equipment (Pumps 7-9)	458	19-Nov-13 A	20-Feb-15 A	ering Design			·
Engineering De sign SD11002	Engineering Design - SD Effluent PS Electrical Equipment (Pumps 7-9)	459	19-Nov-13 A	20-Feb-15 A 20-Feb-15 A				
Permitting	Engineering Design - OD Emident to Electrical Equipment (i umps 7-3)	90	19-Nov-13 A	17-Feb-14 A	- SD Effluent PS Electrical Equipment (Pur	urnps 7-9)		<u> </u>
SD11012	Permitting - SD Effluent PS Electrical Equipment (Pumps 7-9)	91	19-Nov-13 A	17-Feb-14 A		Pormitting	SD Effluent PS Electrical Equipment (Pumps 7-9)	
Procurement	1 Similarly SD Emocrit S Ersonion Equipment (1 umps 1 5)	90	18-Feb-14 A	19-May-14 A	 	Fellilling -	3D Ellidelit F3 Electrical Equipment (Fumps 7-9)	
SD11022	Procurement - SD Effluent PS Electrical Equipment (Pumps 7-9)	91	18-Feb-14 A	19-May-14 A				
Construction	1	-	20-May-14 A	23-Jan-16 A	I Equipment (Pumps 7-9) ▼ 23-Jan-16 A, Construction			
SD11032	Fabricate & Deliver Equipment - SD Effluent PS Electrical Equipment (Pumps 7-9)		20-May-14 A	20-Feb-15 A	Equipment - SD Effluent PS Electrical Equi	7.0		
SD30010	Install Electrical Equipment - SD Effluent PS Electrical Equipment (Pumps 7-9)	335	23-Feb-15 A	23-Jan-16 A	Install Electrical Equipment - SD Effluer		-70	
SD43620	Construction - SD Effluent PS Electrical Equipment (Pumps 7-9)	614	20-May-14 A	23-Jan-16 A			5 7-9)	
1.06 Gravity Sludg		3006	03-Jul-14 A	24-Sep-22	Construction - SD Effluent PS Electrical	ar Equipment (Pumps. 7-9)		24-Sep-22, 1.06 Gravity Sludge Thicker
Engineering De sign		1508	03-Jul-14 A	18-Aug-18		▼ 18-Aug-18	, Engineering Design	
SD20480	Technical Evaluation of Altemates - SD Gravity Sludge Thickeners	238	03-Jul-14 A	25-Feb-15 A				
SD20550	Negotiate Scope and Cost with MWH - SD Gravity Sludge Thickeners	72	19-Dec-14 A	28-Feb-15 A	n of Alternates - SD Gravity Sludge Thicker			
SD20780	Basis of Design Report (BODR) - SD Gravity Sludge Thickeners	234	13-Apr-15 A	02-Dec-15 A	Id Cost with MWH - SD Gravity Sludge Thio			
SD10280	Engineering Design - SD Gravity Sludge Thickeners	636	03-Jul-14 A	29-Mar-16 A	Basis of Design Report (BODR) - SD Gravit		ng Design - SD Gravity Sludge Thickeners	
SD41090	Issue Final RDBS - SD Gravity Sludge Thickeners	0		29-Mar-16 A			19 POSIGN - OD GRANTY GRANGE THIORESTEES	
SD31020	Design Criteria Package Initial Submittal - SD Gravity Sludge Thickeners	145	03-Dec-15 A	26-Apr-16 A	♦ Issue Final RDBS - SD Gravity Sluc			
SD31020 SD31010		252	21-Aug-15 A	29-Apr-16 A	Design Criteria Package Initial Si		eneirs	
SD31010 SD31040	Pilot Testing of Thickening Process - SD Gravity Sludge Thickeners	252	25-Apr-16 A	· · · · · · · · · · · · · · · · · · ·		ess - SD Gravity Sludge Thickeners		
	DCP Design Review - SD Gravity Sludge Thickeners Final DCP Submittal - SD Gravity Sludge Thickeners	188	20-May-16 A	19-May-16 A 23-Nov-16 A	DCP Design Review - SD Gravi			
SD31060		100	•	23-NOV-10 A	Final DCP Submitt	ittal - SD Gravity Sludge Thickeners		
SD43120	EPA Start Date for Engineering Design - SD Gravity Sludge Thickeners	0	01-Jan-18*	40 4 40*		 EPA Start Date for Engine 	ering Design - SD Gravity Sludge Thickeners	
SD42140	EPA Compliance Date for Engineering Design - SD Gravity Sludge Thickeners	0		18-Aug-18*	▼ 14-Jul-16'A, Permitting		pliance Date for Engineering Design - SD Gravity Sludge Th	ickeners
Permitting	FDED Descrit OD Ossits Obstan Trickerson	167	29-Jan-16 A	14-Jul-16 A	V 14-Jul-10/A, Pelilliully			
SD31070	FDEP Permit - SD Gravity Sludge Thickeners	168	29-Jan-16 A	14-Jul-16 A	FDEP.PermitSD.Gravity.Sl	Sludge Thickehers	17-Aug-20, Procure	1
	DDDC Coatte Dayman and CD Coatte Olyster Trial and	1603	29-Mar-16 A	17-Aug-20			₩ I7-Augizo, Piocule	allent
Procurement	RDBS Sent to Procurement - SD Gravity Sludge Thickeners	0	29-Mar-16 A		◆ RDBS Sent to Procurement - SD Gr	Gravity Sludge Thickeners		
SD31260	Submit/Approve SBD Goals and Request to Advertise - SD Gravity Sludge Thickeners	113	29-Mar-16 A	19-Jul-16 A	Submit/Approve SBD Goals	Is and Request to Advertise - SD Gr	avity Sludge Thickeners	
SD31260 SD31470			20-Jul-16 A		◆ Advertise RDB\$ - SD Gravit	rity Sludge Thickeners		
SD31260 SD31470 SD31480	Advertise RDBS - SD Gravity Sludge Thickeners	0						
SD31260 SD31470 SD31480 SD31490	Advertise RDBS - SD Gravity Sludge Thickeners Request for Qualifications - SD Gravity Sludge Thickeners	59	20-Jul-16 A	16-Sep-16 A	Request for Qualification	tions - SD Gravity Sludge Thickeners		
SD31260 SD31470 SD31480	Advertise RDBS - SD Gravity Sludge Thickeners	0 59 0		16-Sep-16 A		tions - SD Gravity Sludge Thickeners ae Due - SD Gravity Sludge Thickene		
SD31260 SD31470 SD31480 SD31490	Advertise RDBS - SD Gravity Sludge Thickeners Request for Qualifications - SD Gravity Sludge Thickeners		20-Jul-16 A	16-Sep-16 A 16-Dec-16 A	◆ Qualifications Package	ge Due - SD Gravity Sludge Thickene	ers	
SD31260 SD31470 SD31480 SD31490 SD31500	Advertise RDBS - SD Gravity Sludge Thickeners Request for Qualifications - SD Gravity Sludge Thickeners Qualifications Package Due - SD Gravity Sludge Thickeners	0	20-Jul-16 A 17-Sep-16 A		◆ Qualifications Package Qualification Rev	ge Due - SD Gravity Sludge Thickens eview Period - SD Gravity Sludge Thi	ers	
SD31260 SD31470 SD31480 SD31490 SD31500 SD31510	Advertise RDBS - SD Gravity Sludge Thickeners Request for Qualifications - SD Gravity Sludge Thickeners Qualifications Package Due - SD Gravity Sludge Thickeners Qualification Review Period - SD Gravity Sludge Thickeners	0	20-Jul-16 A 17-Sep-16 A	16-Dec-16 A	◆ Qualifications Package Qualification Rev ◆ Shortlist Publishe	ge Due - SD Gravity Sludge Thickene	ers ckéners	

WASD Consent Dec	cree Schedule - June 2017 Update		Ç	Standard Layo	out w Baseline (By Phase)	14-Jul-17 12:24 - Page No. 7 o
tivity ID	Activity Name	Original Duration	Start	Finish		017 2018 2019 2020 2021 2022 2023 20
SD31550	Proposal Review Period - SD Gravity Sludge Thickeners	57	05-May-17 A	27-Jul-17		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 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1
SD31560	Award Recommendation - SD Gravity Sludge Thickeners	0	28-Jul-17	27-5ul-17		Proposal Review Period - SD Gravity Sludge Thickeners
SD31570	Contract Negotiations - SD Gravity Sludge Thickeners	55	28-Jul-17	20-Sep-17	1 1 1 1 1	♦ Award Recommendation - SD Gravity Sludge Thickeners
SD43760	BCC Board Approval -SD Gravity Sludge Thickeners	0		03-Oct-17*		Confract Negotiations -'SD Gravity Sludge Thickeners
SD10430	Procurement - SD Gravity Sludge Thickeners - SD Gravity Sludge Thickeners	581	29-Mar-16 A	30-Oct-17	1 1 1 1 1	Board Approval -SD Gravity Studge Thickeners Procurement - SD Gravity Studge Thickeners
SD31580	Final Approvals (BC C, Mayor, Risk Mgmt.) - SD Gravity Sludge Thickeners	40	21-Sep-17	30-Oct-17		Fihal Approvals (BCC, Mayor, Risk Mgmt.) - SD Gravity Sludge Thickerlers
SD43140	EPA Start Date for Procurement - SD Gravity Sludge Thickeners	0	19-Aug-19*		1	
SD42160	EPA Compliance Date for Procurement - SD Gravity Sludge Thickeners	0		17-Aug-20*		
De sign-Build		1790	31-Oct-17	24-Sep-22		◆ EPA Compliance Date for Procurement - SD Gravity Studge Thickeners 24-Sep-22; Design-Build
SD31590	Design-Builder NTP - SD Gravity Sludge Thickeners	0	31-Oct-17			◆ Design-Builder NTP - SD Gravity Sludge Thickeners:
SD31090	Final Engineering by Design-Builder - SD Gravity Sludge Thickeners	330	31-Oct-17	25-Sep-18		Final Engineering by Design-Builder - SD Gravity Sludge Thickeners
SD31100	AHJ Permit Review - SD Gravity Sludge Thickeners	180	29-May-18	24-Nov-18		AHJ Permit Review - SD Gravity Sludge Thickeners
SD43860	Design-Builder Contract Duration - SD Gravity Sludge Thickeners	818	31-Oct-17	26-Jan-20		Design-Builder Contract Duration - S
SD10500	Construction - SD Gravity Sludge Thickeners	600	06-Jun-18	26-Jan-20	4	Construction - SD Gravity Sludge Th
SD10600	Substantial Completion (CD Compliance Date 9/24/22) - SD Gravity Sludge Thickeners	0		26-Jan-20*		◆ Substantial Completion (CD Compliance Date 9/24/22) - SD Gravity Sludge Thickeners
SD40050	Project Closeout - SD Gravity Sludge Thickeners	90	27-Jan-20	25-Apr-20*		Project Closeout - SD Gravitv Sludge Thickeners
SD43150	EPA Start Date for Construction - SD Gravity Sludge Thickeners	0	18-Aug-20*		4	♦ ËPA Start Date for Construction SD Gravity Sludge Thickeners
SD42170	EPA Compliance Date for Construction - SD Gravity Sludge Thickeners	0	00.1.1.1	24-Sep-22*		▼ 25-Apr-20, Project Administration • EPA Compliance Date for Construct
Project Administration	WASD Project Administration - SD Gravity Studge Thickeners	2124 2124	03-Jul-14 A	25-Apr-20		
SD35070	WASD Project Administration - SD Gravity Sludge Thickeners	2124 2705	03-Jul-14 A 30-Jun-14 A	25-Apr-20 24-Nov-21		. WASD Project Administration - SD Gravity Sludge Thickeners. ▼ 24-Nov-21, 1,07 Digesters and Control Building
1.07 Digesters and	i Control Bullaing				14-Oct-16 A, P	
Pre-Design SD20016	Negotiate Scope and Cost with MWH - SD Digesters & Control Building	604 84	18-Feb-15 A 31-Mar-15 A	14-Oct-16 A 22-Jun-15 A		
SD20016 SD42900	Negotiate Scope and Cost with MWH for SS 7 & 8 - SD Sub-Stations 7 & 8 (Non-Consent Decree)	605	18-Feb-15 A	14-Oct-16 A	cope and Cost with MWH - SD Dige	
Engineering Design	Negotiate Scope and Cost with MVVH for SS 7 & 6 - SD Sub-Stations 7 & 6 (Non-Consent Decise)	1040			- Negotiate Sco	de and Cost with MW.H. for SS 7. & 8 SD. Sub-Stations .7. & 8 (Non-Consent Decree).
SD43160	EPA Start Date for Engineering Design - SD Digesters & Control Building	1040	30-Jun-14 A 03-Jul-14 A	04-May-17 A	1 1 1 1 1 1	
SD20006	Basis of Design Report (BODR) - SD Digesters & Control Building	313	30-Jun-14 A	08-May-15 A	gn - SD Digesters & Control Building	
SD20770	Review/Revise BODR - SD Effluent Pump Station Building Improvements	45	09-May-15 A	22-Jun-15 A	n Report (BODR) - SD Digesters & C	
SD20026	30% Design Submittal - SD Digesters & Control Building	127	23-Jun-15 A	27-Oct-15 A	ise BODR - SD Effluent Pump Statio	
SD20036	30% Design Review - SD Digesters & Control Building	24	28-Oct-15 A	20-Nov-15 A	% Design Submittal - SD Digesters	
SD20046	60% Design Submittal - SD Digesters & Control Building	110	21-Nov-15 A	09-Mar-16 A	0% Design Review - SD Digesters 8	
SD20056	60% Design Review -SD Digesters & Control Building	13		22-Mar-16 A	60% Design Submittal - SD D	
SD20066	100% Design Submittal - SD Digesters & Control Building	86	23-Mar-16 A	16-Jun-16 A	60% Design Review -SD Dig	
SD10010	Engineering Design - SD Digesters & Control Building	795	30-Jun-14 A	01-Sep-16 A		sign - SD Digesters & Control Building
SD40160	100% Design Review/Permit Ready Submittal - SD Digesters & Control Building	77		01-Sep-16 A		
SD42180	EPA Compliance Date for Engineering Design - SD Digesters & Control Building	0		30-Sep-16 A		vew/Peimit Readv Şubmittal - SD Digesters & Control Building Date:for Engineering Design - SD Digesters & Control Building
SD41520	60% Design Submittal - SD Sub-Stations 7 & 8 (Non-Consent Decree)	60	06-Dec-16 A	03-Feb-17 A	1 i i i i i	esign Submittal - SD Sub-Stations 7 & 8 (Non-Consent Decree)
SD41800	60% Design Review - SD Sub-Stations 7 & 8 (Non-Consent Decree)	7	04-Feb-17 A	10-Feb-17 A		esign Review - SD Sub-Stations 7 & 8 (Non-Consent Decree)
SD42430	100% Design Submittal - SD Sub-Stations 7 & 8 (Non-Consent Decree)	49	11-Feb-17 A	31-Mar-17 A		% Design Submittal - SD Sub-Stations 7 & 8 (Non-Consent Decree)
SD43820	100% Design Review - SD Sub-Stations 7 & 8 (Non-Consent Decree)	10	01-Apr-17 A	10-Apr-17 A	1 1 1 1 1 1	Design Review - SD Sub-Stations 7 & 8 (Non-Consent Decree)
SD42440	100% Permit Ready Submittal - SD Sub-Stations 7 & 8 (Non-Consent Decree)	24	11-Apr-17 A	04-May-17 A		D0% Permit Ready Submittal - SD Sub-Stations 7 & 8 (Non-Consent Decree)
Permitting		1093	27-Jul-14 A	30-Jun-17		30 Jun-17; Permitting
SD43170	EPA Start Date for Permitting - SD Digesters & Control Building	0	27-Jul-14 A		Digesters & Control Building	
SD41860	FDEP Permit - SD Digesters & Control Building	299	26-Oct-15 A	19-Aug-16 A	I : : : : : : : :	Digesters & Control Building
SD10040	Permitting - SD Digesters & Control Building	569	26-Oct-15 A	16-May-17 A		Permitting-SD Digesters & Control Building
SD41870	RER DERM Permit - SD Digesters & Control Building	259	31-Aug-16 A	16-May-17 A		RER DERM Permit - SD Digesters & Control Building
SD41880	MDC Building Department Permit - SD Digesters & Control Building	259	31-Aug-16 A	16-May-17 A		MDC Building Department Permit - SD Digesters & Control Building
SD42870	RER DERM Permit - SD Substations 7 & 8 (Non-Consent Decree)	80	· ·	16-May-17 A		RER DERM Permit - SD Substations 7, & 8 (Non-Consent Decree)
SD42880	MDC Building Department Permit - SD Substations 7 & 8 (Non-Consent Decree)	80	05-May-17 A	16-May-17 A		MDC Building Department Permit - SD Substations 7 & 8 (Non-Consent Decree)
SD42190	EPA Compliance Date for Permitting - SD Digesters & Control Building	0	45.	30-Jun-17*	I	EPA Compliance Date for Permitting - SD Digesters & Control Building
Procurement SD43450	Internal Did Poolege Parious CD Discotors 9 Control Duilding	545	15-Aug-17	10-Feb-19		V IPECIAS, FIGURENIEN
SD43450	Internal Bid Package Review - SD Digesters & Control Building	3		17-Aug-17		I Internal Bid Package Review - SD Digesters & Control Building
SD30320	Design Documents Sent to Procurement - SD Digesters & Control Building	0	18-Aug-17			◆ Design Documents Sent to Procurement - SD Digesters & Control Building
SD43180	EPA Start Date for Procument - SD Digesters & Control Building GMOU submittal and approval SD Digesters & Control Building	0	01-Sep-17*	02 50= 47	-	◆ EPA Start Date for Procurement - SD Digesters & Control Building
SD43570	GMOU submittal and approval - SD Digesters & Control Building	20		03-Sep-17		☐ GMOŲ submittal and approval - SD Digesters & Control Building
SD30330 SD30340	Submit/Approve SBD Goals and Request to Advertise - SD Digesters & Control Building Advertise Bid Package - SD Digesters & Control Building	60	18-Aug-17 17-Oct-17	16-Oct-17		Submit/Approve SBD Goals and Request to Advertise - SD Digesters & Control Building
SD30340 SD30350	Advertise Bid Package - SD Digesters & Control Building Bid Solicitation Period - SD Digesters & Control Building	60		15 Dec 17		♦ Advertise Bid Package - SD Digesters & Control Building
SD30350 SD30360	Bid Solicitation Period - SD Digesters & Control Building Bids Due - SD Digesters & Control Building	0	17-Oct-17 16-Dec-17	15-Dec-17	1	Bid Solicitation Period - SD Digesters & Control Building
SD30370	Bid Review Period - SD Digesters & Control Building	30	16-Dec-17	14-Jan-18	-	◆ Bids Due - SD Digesters & Cantrol Building
SD30370	Award Recommendation - SD Digesters & Control Building	0	10-060-17	14-Jan-18	1	☐ Bid Review Period - SD Diaesters & Control Building
SD42200	EPA Compliance Date for Procurement - SD Digesters & Control Building	0		30-Apr-18*	1	◆ Award Recommendation - SD Digesters & Control Building
SD10080	Procurement - SD Digesters & Control Building	270	18-Aug-17	14-May-18	1	◆ EPA Compliance Date for Procurement - SD Digesters & Control Building Procurement - SD Digesters & Control Building
SD30390	Final Approvals (BCC, Mayor, Risk Mgmt.) - SD Digesters & Control Building	120	15-Jan-18	14-May-18	1	
SD33690	Pre-Purchase Bid Package (RTU) - SD Digesters & Control Building	60	15-May-18	13-Jul-18	1	Final Approvals (BC,C, Mayor, Risk Mgmt.) - \$D Digesters & Control Building
SD33710	Advertise Pre-Purchase Package (RTU) - SD Digesters & Control Building	00	14-Jul-18		1	Pre-Purchase Bid Package (RTU) -SD Digesters & Control Building
					1 1 1 1 1 1	♦ Advertise Pre-Purchase Package (RTU) -SD Digesters & Control Building

	cree Schedule - June 2017 Update	L			ut w Baseline (By Phase)	001=	201		2040	6000				ıl-17 12:24 -		
ity ID	Activity Name	Original Duration	Start	Finish	2016 Q1 Q2 Q3 Q4 Q1	2017 Q2 Q3	2018 Q4 Q1 Q2 Q3	3 Q4 Q1 (2019 Q2 Q3 Q4 C	2020 Q1 Q2 Q3 Q4	Q1 Q2		2022 Q2 Q3 Q	202 4 Q1 Q2		2024 Q1 (
SD33730	VendorNTP (RTU)-SD Digesters & Control Building	0		11-Sep-18	4. 42 40 4. 4.	<u> </u>				& Control Building	" "	40 41 41	42 40 4	. 4. 4.	40 4.	<u>~·</u>
SD33700	Pre-Purchase RTU - SD Digesters & Control Building	272	15-May-18	10-Feb-19				1 1 1		Digesters & Control	Buildina					i
SD33740	Fabricate & Deliver RTU - SD Digesters & Control Building	152	12-Sep-18	10-Feb-19	1					U - SD Digesters & Co	1 1					
Construction		1304	01-May-18	24-Nov-21			· · · · · ·					24-Nov	21, Constructio	on		
SD43190	EPA Start Date for Construction - SD Digesters & Control Building	0	01-May-18*				♦ EPA S	tart Date for Cons	truction - SD Diges	sters & Control Buildin	q					
SD30400	Contractor Notice to Proceed (NTP) - SD Digesters & Control Building	0	15-May-18					1 1 1	1 1 1	Digesters & Control Bu						
SD10140	Construction - SD Digesters & Control Building	1200	15-May-18	26-Aug-21								Construç	tion - SD Diges	ters & Control B	uilding	
SD10560	Substantial Completion (CD Compliance Date 10/28/21) - SD Digesters & Control Building	0		26-Aug-21*								◆ Substantial C	ompletion (CD	Compliance Da	ate 10/28/21) -	- SD b
SD42210	EPA Compliance Date for Construction - SD Digesters & Control Building	0		28-Oct-21*	1							1 1 1	1 1	or Construction	1 1	1
SD40060	Project Closeout - SD Digesters & Control Building	90	27-Aug-21	24-Nov-21*									: :	Digesters & Cor ninistration		:
Project Administration		2670	30-Jun-14 A	24-Nov-21			1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	24-Nov-	21, Project Adr	ninistration		
SD35080	WASD Project Administration - SD Digesters & Control Building	2670	30-Jun-14 A	24-Nov-21			<u> </u>		<u> </u>		<u> </u>	WASD.	Project Admini	stration - SD Dig	esters & Conf	itrol_E
1.08 Dewatering F	acility	2126	01-Jul-14 A	25-Apr-20				1 1 1		25-Apr-20, 1.0	B Dewatering F	acility				
Pre-Design		71	19-Dec-14 A	28-Feb-15 A	sign											
SD11222	Pre-Design - SD Dewatering Facilities	72	19-Dec-14 A	28-Feb-15 A	watering Facilities						ļļļ.					
Engineering Design		876	01-Jul-14 A	23-Nov-16 A	23-Nov-1	6 A, Engir	neering Design									
SD43200	EPA Start Date for Engineering Design - SD Dewatering Facilities**	0	01-Jul-14 A		gn - \$D Dewatering Facilities**											
SD42220	EPA Compliance Date for Engineering Design - SD Dewatering Facilities**	0		13-Apr-15 A	Date for Engineering Design	SD Dewat	ering Facilities**									
SD20000	Basis of Design Report (BODR) - SD Dewatering Facilities	234	13-Apr-15 A	02-Dec-15 A	Basis of Design Report (BODR) -	SD Dewa	tering Facilities									
SD10030	Engineering Design (DCP) - SD Dewatering Facilities	467	19-Dec-14 A	29-Mar-16 A	Engineering Design (DCI	P) - SD De	watering Facilities									
SD41100	Issue Final RDBS - SD Dewatering Facilities	0		29-Mar-16 A	♦ Issue Final RDBS - SD D	ewatering	Facilities									
SD20020	Design Criteria Package Initial Submittal - SD Dewatering Facilities	146	03-Dec-15 A	26-Apr-16 A	Design Criteria Packag		1 1 1 1	ng Facilities						-		
SD20800	Pilot Testing of Thickening Process - SD Dewatering Facilities	253	21-Aug-15 A	29-Apr-16 A	Pilot Testing of Thicker	ning Proce	ss - SD Dewatering Fa	cilities								
SD20030	DCP Design Review - SD Dewatering Facilities	25	25-Apr-16 A	19-May-16 A	DCP Design Review	SD Dewa	tering Facilities									
SD20040	Final DCP Submittal - SD Dewatering Facilities	188	20-May-16 A	23-Nov-16 A	Final DC	P Submitt	al - SD Dewatering Fac	ilities								
Permitting		167	29-Jan-16 A	14-Jul-16 A												
SD20070	FDEP Permit - SD Dewatering Facilities	168	29-Jan-16 A	14-Jul-16 A	FDEP Permit - SD	Dewateri	ng Facilities 09-Jan-18, Pr				1					
Procurement		652	29-Mar-16 A	09-Jan-18	Y : : : :		09-Jan-18, Pr	ocurem ent								
SD31600	RDBS Sent to Procurement - SD Dewatering Facilities	0	29-Mar-16 A		RDBS Sent to Procureme	nt - SD De	watering Facilities									
SD43220	EPA Start Date for Procurement - SD Dewatering Facilities	0	13-Apr-16 A		◆ EPA Start Date for Procu		the state of the state of	s								
SD31610	Submit/Approve SBD Goals and Request to Advertise - SD Dewatering Facilities	113	29-Mar-16 A	19-Jul-16 A	1 : : : : :		and Request to Adver		ng Facilities							
SD31620	Advertise RDBS - SD Dewatering Facilities	0	20-Jul-16 A		◆ Advertise RDB\$											
SD31630	Request for Qualifications - SD Dewatering Facilities	59	20-Jul-16 A	16-Sep-16 A			ons - SD Dewatering Fa	cilities								
SD31640	Qualifications Package Due - SD Dewatering Facilities	0	17-Sep-16 A		1 ! ! ! ! !		Due - SD Dewatering	1 1 1								
SD31650	Qualification Review Period - SD Dewatering Facilities	91	17-Sep-16 A	16-Dec-16 A	1 1 1 1 1 1		ew Period - SD Dewat	i i i								
SD31660	Shortlist Published - SD Dewatering Facilities	0		16-Dec-16 A	1 1 1 1 1 1		ed - SD Dewatering Fac	1 1 1								
SD31670	Request for Proposals - SD Dewatering Facilities	101	24-Jan-17 A	04-May-17 A	Silotuis		t for Proposals - SD De	1 1 1								
SD31680	Proposals Due - SD Dewatering Facilities	0	05-May-17 A		1 		als Due - SD Dewaterin	i i i	S							
SD31690	Proposal Review Period - SD Dewatering Facilities	49	05-May-17 A	27-Jul-17	1		1 1 1 1									
SD31700	Award Recommendation - SD Dewatering Facilities	0	28-Jul-17				roposal Review Period ward Recommendation	i i i'	i i i							
SD31710	Contract Negotiations - SD Dewatering Facilities	55	28-Jul-17	20-Sep-17	1 1 1 1 1 1		1 1 1 1	1 1 10	1 1 1							
SD43770	BCC Board Approval -SD Dewatering Facilities	0		03-Oct-17*	1		 Contract Negotiation BCC Board Approval 	1 1 1								
SD10110	Procurement - SD Dewatering Facilities	581	29-Mar-16 A	30-Oct-17				SD Dewatering I - SD Dewatering I								
SD31720	Final Approvals (BC C, Mayor, Risk Mgmt.) - SD Dewatering Facilities	40	21-Sep-17	30-Oct-17			T									
SD42240	EPA Compliance Date for Procurement - SD Dewatering Facilities	0	2. cop	09-Jan-18*	1 1 1 1 1		Final Approvals (B	CC, Mayor, Risk I	Mgmt.) - SD Dewate	ering Facilities						
De sign-Build	ZIA COMPILATO DATA TOTAL CONTROL CONTROL CONTROL	908	31-Oct-17	25-Apr-20	 		◆ EPA Complia	nce Date for Proc	rement - SD Dewa	atering Facilities 25-Apr-20, Des	sign-Build					
SD31730	Design-Builder NTP - SD Dewatering Facilities	0	31-Oct-17	20740120	1 1 1 1 1 1		1 1 1 1	1 1 1	: : :							
SD43230	EPA Start Date for Construction - SD Dewatering Facilities	0	10-Jan-18*		1		◆ Design-Builder NT	1 1 1	: : :							
SD20010	Final Engineering by Design-Builder - SD Dewatering Facilities	330	31-Oct-17	25-Sep-18	1		▼ EPA Start Dat	1 1 1	- SD Dewatering F	1 1 1	Family					
SD20010 SD20080	AHJ Permit Review - SD Dewatering Facilities	180	29-May-18	24-Nov-18	1			1 1 11	7 1 1 1 1	Ider - SD Dewatering	racilities					
SD42250	EPA Compliance Date for Construction - SD Dewatering Facilities	0		28-Nov-19*	1			AHJ Perr	nit Review - SD De	1 7 1 1						
SD43870	Design-Builder Contract Duration - SD Dewatering Facilities	818	31-Oct-17	26-Jan-20	1					A Compliance Date fo Design-Builder Cont						
SD10210	Construction - SD Dewatering Facilities	600	06-Jun-18	26-Jan-20	1					Construction - SD De	1 1 1	1 1 - 1	Cillugo			
SD10450	Substantial Completion (CD Compliance Date 11/28/19) - SD Dewatering Facilities	000		26-Jan-20*	1		-			- 1 1 1	1 1 1					
SD40070	Project Closeout - SD Dewatering Facilities	90	27-Jan-20	25-Jan-20*	1				•	Substantial Complet	1 1 1	1 1 1	19) - SD Dewa	tering Facilities		
		1840	13-Apr-15 A	25-Apr-20 25-Apr-20	<u> </u>				<u>i</u> <u>i</u> -	Project Closed	out - SD Dewate	ering Facilities				
Project Administration SD35090	WASD Project Administration - SD Dewatering Facilities	1840	13-Apr-15 A	25-Apr-20 25-Apr-20	1								j			
	-	1507	08-Jul-14 A					22-Aug-18, 1.09	FOG Removal Fa	WASD Project	Administration	- SD Dewatering	Facilities			
09 FOG Remova	іі Гасіііцу			22-Aug-18	16-Feb+16 A, Engineering De	sign	ļ ļļļļ				ļļļ					
Engineering Design	EDA Start Date for Engineering Decian SD EOC Removal Engility	588	08-Jul-14 A	16-Feb-16 A		, J. 1911										
SD43240	EPA Start Date for Engineering Design - SD FOG Removal Facility Technical Evaluation of Alternatives - SD FOG Removal Facility	0	08-Jul-14 A	16 Mo- 15 ^	gn - SD FOG Removal Facility											
SD20560	Technical Evaluation of Alternatives - SD FOG Removal Facility	252	08-Jul-14 A	16-Mar-15 A	on of Alternatives - SD FOG Rem	ova Facil	ity									
SD20570	Negotiate Scope and Cost with MWH - SD FOG Removal Facility	136	19-Dec-14 A	03-May-15 A	e and Cost with MWH - SD FOG	Removal	Facility									
SD20580	Basis of Design Report (BODR) Submittal - SD FOG Removal Facility	79	04-May-15 A	21-Jul-15 A	Design Report (BODR) Submittal	- SD FOG	Removal Facility									
SD20590	BODR Design Review - SD FOG Removal Facility	38	22-Jul-15 A	28-Aug-15 A	Design Review - SD FOG Remo	al Facility	4									
SD20600	60% Design Submittal - SD FOG Removal Facility	37	01-Sep-15 A	07-Oct-15 A	Design Submittal - SD FOG Re											
SD20610	60% Design Review -SD FOG Removal Facility	15	08-Oct-15 A	22-Oct-15 A	6 Design Review SD FOG Rem											
	4000/ Decim Cultivital CD FOC Demonstration	62	23-Oct-15 A	23-Dec-15 A	1 1" 1 1 1 1		1' 1 1									
SD20620	100% Design Submittal - SD FOG Removal Facility				100% Design Submittal - SD FC											

	ee Schedule - June 2017 Update	<u> </u>			ut w Baseline (By Phase) 14-Jul-17 12:24 - Page No. 9 of the second sec
ty ID	Activity Name	Original Duration	Start	Finish	2016
SD40170	100% Design Review/Permit Ready Submittal - SD FOG Removal Facility	29	24-Dec-15 A	21-Jan-16 A	
SD42260	EPA Compliance Date for Engineering Design - SD FOG Removal Facility	0		16-Feb-16 A	100% Désign Review//Permit Ready Submittall - SD FOG Removal Facility
Permitting		353	10-Nov-15 A	28-Oct-16 A	◆ EPA Compliance Date for Engineering Design - SD FQG Removal Facility. ✓ 28-Oct-16 A, Permitting
SD43250	EPA Start Date for Permitting - SD FOG Removal Facility	0	17-Feb-16 A		♦ ÉPA Start Date for Permitting - SD FOG Removal Facility
SD41770	FDEP Permit - SD FOG Removal Facility	241	10-Nov-15 A	07-Jul-16 A	FDEP Permit - SD FOG Removal Facility
SD10020	Permitting - SD FOG Removal Facility	310	10-Nov-15 A	14-Sep-16 A	Permitting - SD FOG Removal Facility
SD41760	RER Bldg Dept. Permit - SD FOG Removal Facility	225	03-Feb-16 A	14-Sep-16 A	RER Bidg Dept. Permit SD FOG Removal Facility
SD42270	EPA Compliance Date for Permitting - SD FOG Removal Facility	0		28-Oct-16 A	◆ .EPA Compliance Date for Permitting - SD FOG Removal Facility. 29-Jun-17 A, Procurement
Procurement	FD1.01 + D + 4 - D = 0.0 D - 4 - E - 111	772	03-May-15 A	29-Jun-17 A	29-Jun-17/A, Procurement
SD43260	EPA Start Date for Procurement - SD FOG Removal Facility	0	03-May-15 A		for Procurement - SD FOG Removal Facility
SD30230 SD30240	Design Documents Sent to Procurement - SD FOG Removal Facility Submit/Approve SBD Goals - SD FOG Removal Facility	62	05-Aug-16 A 05-Aug-16 A	05-Oct-16 A	◆ Design Documents Sent to Procurement - SD FOG Removal Facility
SD42910	OCI Reviews and Provides List - SD FOG Removal Facility	7	06-Oct-16 A	12-Oct-16 A	Submit/Approve SBD Goals - SD FOG Removal Facility
SD30250	Advertise Bid Package - SD FOG Removal Facility	0	13-Oct-16 A	12-0CI-10 A	I OC) Reviews and Provides List - SD FOG Removal Facility
SD30260	Bid Solicitation Period - SD FOG Removal Facility	50	13-Oct-16 A	01-Dec-16 A	♦ Advertise Bid Package - SD FOG Removal Facility
SD30270	Bids Due - SD FOG Removal Facility	0	01-Dec-16 A	01200107	Bid Solicitation Period - SD FOG Removal Facility
SD30280	Bid Review Period - SD FOG Removal Facility	44	02-Dec-16 A	14-Jan-17 A	♦ Bids Due - SD FOG Removal Facility/
SD43470	OCI Reviews and Provides List (for Rebid) - SD FOG Removal Facility	32	15-Jan-17 A	15-Feb-17 A	Bid Review Period - SD FOG Rempval Facility
SD43480	Advertise Bid Package (for Rebid) - SD FOG Removal Facility	0	16-Feb-17 A		
SD43490	Bid Solicitation Period (for Rebid) - SD FOG Removal Facility	41	16-Feb-17 A	28-Mar-17 A	■ Bid Solicitation Period (for Rebid) - SD FOG Removal Facility
SD43500	Bids Due (for Rebid) - SD FOG Removal Facility	0	29-Mar-17 A		♦ Bids Due (for Rebid) - \$D FOG Removal Facility
SD43510	Bid Review Period (for Rebid) - SD FOG Removal Facility	38	29-Mar-17 A	05-May-17 A	■ Bid Review Period (for Retiid) - SD FOG Removal Facility
SD30290	Award Recommendation - SD FOG Removal Facility	0		05-May-17 A	◆ Award Recommendation -SD FOG Removal Facility
SD42280	EPA Compliance Date for Procurement - SD FOG Removal Facility**	0		15-May-17 A	◆ EPA Compliance Date for Procurement - SD FOG Removal Facility**
SD10070	Procurement - SD FOG Removal Facility	312	05-Aug-16 A	29-Jun-17 A	Procurement - SD FOG Removal Facility
SD30300	Final Approvals (BC C, Mayor, Risk Mgmt.) - SD FOG Removal Facility	38	06-May-17 A	29-Jun-17 A	Final Approvals (BCC, Mayor, Risk Mamt.) - SD FOG Removal Facility
Construction		419	30-Jun-17	22-Aug-18	Final Approvats (BCC. Mayor. Risk Mgmt.) - SD FOG Removal Facility. 22-Aug-18, Construction
SD10123	Contractor Notice to Proceed (NTP) - SD FOG Removal Facility	0	30-Jun-17		Contractor Notice to Proceed (NTP) - SD FOG Removal Facility
SD43270	EPA Start Date for Construction - SD FOG Removal Facility	0	31-Jul-17*		◆ EPA Start Date for Construction - SD FOG Removal Facility
SD42290	EPA Compliance Date for Construction - SD FOG Removal Facility	0		07-Dec-17*	EPA Compliance Date for Construction - SD FOG Removal Facility
SD10130	Construction - SD FOG Removal Facility	329	30-Jun-17	24-May-18	Construction - SD FOG Removal Facility
SD10270	Substantial Completion (CD Compliance Date 12/07/17) - SD FOG Removal Facility	0		24-May-18*	◆ Substantial Completion (CD Compliance Date 12/07/17) - SD FOG Removal Facility
SD40080	Project Closeout - SD FOG Removal Facility	90	25-May-18	22-Aug-18*	Project Closeout - SD FOG Removal Facility 22-Aug-18, Project Administration
Project Administration SD35100	WASD Project Administration - SD FOG Removal Facility	1490 1490	08-Jul-14 A 08-Jul-14 A	22-Aug-18 22-Aug-18	
1.10 Odor Control	WASD Project Administration - SD FOG Removal Facility	1937	05-Jan-18	25-Aug-18 25-Apr-23	WASD Project Administration - SD FQG Removal Facility ▼ 25-Apr-23, 1.10, Odo
Pre-Design		150	05-Jan-18	03-Jun-18	V 03-Jun-18, Pre-Design
SD11182	Pre-Design - SD Odor Control	150	05-Jan-18*	03-Jun-18	
Engineering Design		419	04-Jun-18	27-Jul-19	Pre-Design - SD Odor Control
SD20630	Basis of Design Report (BODR) - SD Odor Control	60	04-Jun-18	02-Aug-18	Basis of Design Report (BQDR) - SD Odor Control
SD20640	BODR Review Period - SD Odor Control	14	03-Aug-18	16-Aug-18	Bodr Review Period - SD Odor/Control
SD20650	30% Design Submittal - SD Odor Control	95	17-Aug-18	19-Nov-18	30% Design Submittal - SD Odor Control
SD43280	EPA Start Date for Engineering Design - SD Odor Control	0	01-Dec-18*		◆ EPA Start Date for Engineering Design - SD/Odor Control
SD20660	30% Design Review - SD Odor Control	14	20-Nov-18	03-Dec-18	□ 30% Design Review - SD Odor Control
SD20670	60% Design Submittal - SD Odor Control	105	04-Dec-18	18-Mar-19	60% Desigh Submittal +SD Odor Control
SD20680	60% Design Review -SD Odor Control	21	19-Mar-19	08-Apr-19	□ 60% Design ReView -SD Odor Control
SD20690	100% Design Submittal - SD Odor Control	80	09-Apr-19	27-Jun-19	100% Design Submittal - SD Odor Contro
SD42300	EPA Compliance Date for Engineering Design - SD Odor Control	0		27-Jun-19*	◆ EPA Compliance Date for Engineering Design - SD Odor Control
SD10360	Engineering Design - SD Odor Control	419	04-Jun-18	27-Jul-19	Engineeting Design SD Odor Control
SD40180	100% Design Review/Permit Ready Submittal - SD Odor Control	30	28-Jun-19	27-Jul-19	100% Design Review/Permit Ready Submittal - SD Odor Control 26-Jun-20, Permitting
Permitting	EDA Obel Data for Describing CD Od CO. 1	365	28-Jun-19	26-Jun-20	▼ 26-Jun-20, Permitting
SD43290	EPA Start Date for Permitting - SD Odor Control	0	28-Jun-19*	90 1-: 00	◆ EPA\Start Date for Permitting - SD Odor Control
SD10400	Permitting - SD Odor Control	180	28-Jul-19	23-Jan-20	Permitting - SD Odor Control
SD42310	EPA Compliance Date for Permitting - SD Odor Control	700	00 1:1 10	26-Jun-20*	
Procurement SD43580	GMOU submittal and approval- SD Odor Control	700	28-Jul-19 28-Jul-19	26-Jun-21 16-Aug-19	
SD43460	Internal Bid Package Review - SD Odor Control	3	24-Jan-20	26-Jan-20	☐ GMOU submittal and apptoval- \$D Odbr Control
SD30730	Design Documents Sent to Procurement - SD Odor Control	0	24-Jan-20 27-Jan-20	20-0a11-20	I Internal Bid Package Review - SD Odor Control
SD30730 SD30740	Submit/Approve SBD Goals and Request to Advertise - SD Odor Control	60	27-Jan-20 27-Jan-20	26-Mar-20	◆ Design Documents Sent to Procurement - SD Odor Control
SD30740 SD30750	Advertise Bid Package - SD Odor Control	00	27-Jan-20 27-Mar-20	20-Wal-20	Submit/Approve \$BD Goals and Request to Advertise + SD Odor Control
0000100	Bid Solicitation Period - SD Odor Control	60	27-Mar-20	25-May-20	♦ Advertise βid Paçkage -SD Odor Control
SD30760		0	26-May-20	23-iviay-20	Bid Solicitation Period - SD Oddr Control
SD30760 SD30770	Rids Due - SD Odor Control	1 01	20-Iviay-20		. ♦ Bids Due - SD Odor Control
SD30770	Bids Due - SD Odor Control Bid Review Period - SD Odor Control	30	26-May-20	24_liin_20	
SD30770 SD30780	Bid Review Period - SD Odor Control	30	26-May-20	24-Jun-20	□ Bid Review Period - SD Odor Control
SD30770 SD30780 SD30790	Bid Review Period - SD Odor Control Award Recommendation - SD Odor Control	0		24-Jun-20 24-Jun-20	◆ Award Recommendation - SD Odor:Control
SD30770 SD30780 SD30790 SD43300	Bid Review Period - SD Odor Control Award Recommendation - SD Odor Control EPA Start Date for Procurement - SD Odor Control	0	27-Jun-20*	24-Jun-20	 ◆ Award Recommendation - SD Odor; Control ◆ EPA Start Date for Procurement - SD Odor Control
SD30770 SD30780 SD30790	Bid Review Period - SD Odor Control Award Recommendation - SD Odor Control	0			◆ Award Recommendation - SD Odor Control



	cree Schedule - June 2017 Update				ut w Baseline (By Phase	•												7 12:24		o. 11 of 8
ctivity ID	Activity Name	Original Duration	Start	Finish	2016 Q1 Q2 Q3 Q4 Q1	20		4 01 0	2018	24 01	2019 Q2 Q3	04 01	2020	04 01 (2021		022	_	023 T 03 T 04	2024
SD43370	EPA Start Date for Permitting - SD Chlorine Contact Chamber	0	09-Apr-17 A									Q4 Q1	QZ Q0 C	Q1 Q1	az Q3 Q4	Q1 Q2	Q3 Q4	Q1 Q2	Q0 Q4	1 41
SD42390	EPA Compliance Date for Permitting - SD Chlorine Contact Chamber	0		08-Apr-18*	1	₩ EP/	Start Da	e for Permi	tting - SD Cn	ionne Co	ontact Chamber	CD Chia	in a Contact Ch							
Procurement		1910	24-Aug-15 A	14-Nov-20				y -	EPA COLUDII	ance Da	te for Permitting	517 (110	ine Confact Cr	■ 14-Nov-20), Procurement	† <u>†</u>	· † †	11	11	
SD43380	EPA Start Date for Procurement - SD Chlorine Contact Chamber	0	09-Apr-18*		1			- ; ;	- ;	1	ocurement - SD	- 1	: : :	- 1						
SD42400	EPA Compliance Date for Procurement - SD Chlorine Contact Chamber	0		08-Apr-19*	1			ľ	LIASIANDO	ate ioi i i	1 1 1	- 1	: : :	- 1	rine Contact Ch	dmbor				
SD10290	Procurement - SD Chlorine Contact Chamber	1910	24-Aug-15 A	14-Nov-20	1 1 1 1	1		-	1 1	- 1	EFA Compi	ance Date	ioi Fioculeillei		ent - SD Chlorin		ham ber			
Construction		1992	05-Jan-16 A	18-Jun-21											18-Jun-21,			† <u> </u>	11	
SD43390	EPA Start Date for Construction - SD Chlorine Contact Chamber	0	09-Apr-19*								EDA Start D	ate for Cor	struction - SD (Chlorine Cor	ntact Chamber					
SD10370	Construction - SD Chlorine Contact Chamber Struct. Rehab	1896	05-Jan-16 A	27-Jan-21		i		1 1		i	LI A Start D	ate ioi coi	istruction - 3D (Childrine Col		on - SD Chlo	; ofine Contact	: Chamber S	: huct. Rehab	٥
SD10530	Substantial Completion (CD Compliance Date 6/18/21) - SD Chlorine Contact Chamber	0		27-Jan-21*							1 1 1			A Cuba	stantial Comple					
SD42410	EPA Compliance Date for Construction - SD Chlorine Contact Chamber	0		18-Jun-21*	1					į		i		▼ Squs	1 1	1 1	1 1	1 1	1 1	
Project Administration		2082	01-Oct-15 A	27-Apr-21	1 1 1 1								!!	· 	◆ EPA Comp 27-Apr-21, Pro	ject Adminis	stration	וטינט בייוטט.	ionina contra	ICC CHAUTOR
SD35130	WASD Project Administration - SD Chlorine Contact Chamber	2082	01-Oct-15 A	27-Apr-21		j		i i	1 1						. WASD Project	t'Administra	tion SD Chl	drine Contac	t Chamber	.
1.12 (1) Chlorine C	Contact Chamber Actuator Replacement	678	24-Aug-15 A	31-Oct-17	1 1 1		· ·	31-Oct-17,	1.12 (1) Chl	orine Co	ntact Chamber	Actuator Re	placement		שושוניםסחוני	Janua		Outra Source	DOMESTICAL.	
Engineering Design		29	01-Oct-15 A	30-Oct-15 A	Oct-15 A, Engineering Design	1	<u>-</u>		<u>-</u>	[III			1 1	7 7	77	77	1 1
SD41900	Engineering Design - Actuators Technical Data	30	01-Oct-15 A	30-Oct-15 A	nineering Design - Δctuators 3	¦ Tachnic	l Data													
Permitting	<u>'</u>	29	01-Oct-15 A	30-Oct-15 A	gineering Design - Actuators T Oct-15 A, Permitting	المادانات	11 12010			<u>-</u>		<u>i</u>				1	1	1	1	
SD43410	Permitting -Actuators	30	01-Oct-15 A	30-Oct-15 A	1				Permitting -	Actuator	s									
Procurement		133	24-Aug-15 A	04-Jan-16 A	04-Jan-16 A, Procurement				1							1	1 1	1 1	1	
SD41600	Procurement - Actuators	134	24-Aug-15 A	04-Jan-16 A	Procurement - Actuators					!										
Construction		544	05-Jan-16 A	31-Oct-17		;		31-Oct-17,	Construction	i ;						1 1	· [· · · · · · · · · · · · · · · · · ·	1 1	1 1	
SD41630	Construction - Actuators (inc. Electrical)	544	05-Jan-16 A	31-Oct-17		1		Constructi	on - Actuator	s (inc. Fl	ertric all									
1.12 (2) Chlorine C	Contact Chamber Structural Rehab & Sluice Gates Replacement	1758	05-Jul-16 A	27-Apr-21	Y			COLISTIACE	J. J. Lucitor	3-(1114	: :				27-Apr-21, 1.1	2 (2) Chlorir	ne Contact C	hamber Stru	ctural Rehat	b & Sluice
Pre-Design		233	05-Jul-16 A	23-Feb-17 A	V	23-Feb	17 A, Pre	-Design					<u> </u>			jj	-	· j j	11	
SD42720	Pre-Design - Structural Rehab	234	05-Jul-16 A	23-Feb-17 A		Pro Do	eian Str	ictural Peb	ah											
Engineering Design		127	24-Feb-17 A	14-Jul-17	 	1-10-100	▼ 14-Jul	17, Engine	ab. ering Design				!			11		1	1	
SD43750	Engineering Design Contact Chambers #1-4 - Structural Rehab	127	24-Feb-17 A	14-Jul-17	1 ₌	1	1 Engine	erina Desia	n Contact C	ham hers	#1-4 - Structura	l Rehah								
Procurement		1220	14-Jul-17	14-Nov-20		;		COREST DEDIC	10.000100000	10010010				▼ 14-Nov-20), Procurement	1				
SD43830	Procurement Sluice Gates - SD Chlorine Contact Chamber	55	14-Jul-17*	06-Sep-17			Pro	curement 9	Sluice Gates	- SD Chl	orine Contact C	hamber								
SD41620	Procurement Contact Chamber #4 - Structural Rehab	90	15-Nov-17*	12-Feb-18	1		_ : ``				namber #4 - Stru		ah							
SD42790	Procurement Contact Chamber #3 - Structural Rehab	90	17-Aug-18*	14-Nov-18	1			110	cuiçiniciii oc		rement Contact		: : :	Pohdh						
SD42800	Procurement Contact Chamber #2 - Structural Rehab	90	17-Aug-19*	14-Nov-19						Pilocui	1 1 1	!	1 1 1	1 1	0	1				
SD41610	Procurement - Structural Rehab	1220	14-Jul-17	14-Nov-20	1							Procure	i i i	1 1	- Structural Reh	i i				
SD42810	Procurement Contact Chamber #1 - Structural Rehab	90	17-Aug-20*	14-Nov-20	1 1 1 1			1 1	1 1	:	1 1 1	-	: <u>.</u> .	1 1	ent - Structural I	1 1	J l	1. 1		
Construction		1329	07-Sep-17	27-Apr-21	I		· ·							1 Procurem	ent Contact Cha 27-Apr-21, Con	amber#1 - S nstruction	Structural Ref	nab ¦		
SD41650	Construction Contact Chamber #4 - Structural Rehab	74	13-Feb-18*	27-Apr-18				1												
SD43850	Construction Sluice Gates - SD Chlorine Contact Chamber	262	07-Sep-17	26-May-18*	1		<u> </u>	-	i i	i	ct Chamber #4	i	i i i							
SD42820	Construction Contact Chamber #3 - Structural Rehab	74	15-Nov-18	27-Jan-19	1 1 1 1 1		:	1 1	Constitud		ce Gates - SD C		: : :	1 1						
SD42830	Construction Contact Chamber #2 - Structural Rehab	74	15-Nov-19	27-Jan-20	1						Construction Co			1 1						
SD41640	Construction - Structural Rehab	1080	13-Feb-18	27-Jan-21	1 1 1 1					į		Co	instruction Con	i i	er #2 - Structura	i i				
SD42840	Construction Contact Chamber #1 - Structural Rehab	74	15-Nov-20	27-Jan-21	1									!!!	struction - Struct	1 1				
SD40110	Project Closeout - SD Chlorine Contact Chamber	90	28-Jan-21	27-Apr-21*	-					1				i i	struction Contac	i i	1 1	i i		
-		457	07-Jun-17 A		 				<u>-</u> <u>-</u>	29-Sen-1	8, 1.CM SDWW	TP Constri	uction Trailers		Project_Close	out - SD_Chl	orine_Contac	t.Chamber		
	Construction Trailers	457		29-Sep-18	ļļķķķ			Cop 17 En	gineering De							ļ	. į į		ļ	
Engineering De sign	Facing and Decimal ODMINATE Construction Trailing	365	07-Jun-17 A	04-Sep-17		1	V 104	эер-17, ци	Jillecillig De	Sigii										
SD43910	Engineering Design - SDWWTP Construction Trailers	365	07-Jun-17 A	04-Sep-17	-		En	ineering D	esign - SDW	WTP Co	nstruction Traile	rs	 			ļ	. 		ļ	
Permitting	Demoitting CDM/M/TD Construction Trailors	90	05-Sep-17	03-Dec-17					1 1	1										
SD43920	Permitting - SDWWTP Construction Trailers	90	05-Sep-17	03-Dec-17			:	1 Permitti	og - SDWWT 8-Mar-18 Pm	P.Constr	ruction Trailers.		 			ļ	· 	·	ļ	
Procurement SD43930	Design Documents Sent to Procurement - SDWWTP Construction Trailers	90	04-Dec-17 04-Dec-17	03-Mar-18	-		1		1 1	1										
SD43930 SD43940	Submit/Approve SBD Goals and Request to Advertise - SDWWTP Construction Trailers	15		18-Dec-17	1			1 7	- 1	- 1	rocurement - \$D	- 1	: : :	- 1						
	· · · · · · · · · · · · · · · · · · ·	-	04-Dec-17	10-Det-17	1			1 1	1.1		and Request to	!	: : :	nstruction Tra	ailers					
SD43950	Advertise Bid Package - SDWWTP Construction Trailers	0	19-Dec-17	47 1 40	-			◆ Adverti	se Bid Packa	age † SDV	NWTP Construc	tionTraile	ts							
SD43960	Bid Solicitation Period - SDWWTP Construction Trailers	30	19-Dec-17	17-Jan-18	1	1		□ Bid S	olicitation P	eriod - SE	DWWTP Constr	uction Trail	ers							
SD43970	Bids Due - SDWWTP Construction Trailers	0	18-Jan-18	04 = 1 15	1			♦ Bids	Due - SDWV	VTP Con	struction Trailers	3								
SD43980	Bid Review Period - SDWWTP Construction Trailers	15	18-Jan-18	01-Feb-18				■ Bid	Review Perio	od - SDW	WTP Construct	on Trailers								
SD43990	Award Recommendation - SDWWTP Construction Trailers	0	02-Feb-18					◆ Awa	rd Recomm	endation	-SDWWTP Cor	struction -	Trailers							
SD44000	Procurement - SDWWTP Construction Trailers	90	04-Dec-17	03-Mar-18							TP Construction									
SD44010	Final Approvals - SDWWTP Construction Trailers	30	02-Feb-18	03-Mar-18	<u> </u>			i i	1 1	i i	WTP Construction	i	1 1 1			1 1	1 1	1 1	1 1	
Construction		210	04-Mar-18	29-Sep-18			[V		29-Sep-1	8 Construction									
SD44020	Contractor Notice to Proceed(NTP) - SDWWTP Construction Trailers	0	04-Mar-18			1	i	♦ C	ontractor Not	ice to Pro	odeed(NTP) - \$D	WWTP Co	nstruction Trail	lers						
SD44030	Construction - SDWWTP Construction Trailers	120	04-Mar-18	01-Jul-18					1 1		SDWWTP Cons		: : :							
SD44040	Substantial Completion - SDWWTP Construction Trailers	0		01-Jul-18				T	i i	i i	mpletion - SDW	i	i i i	s						
SD44050	Project Closeout - SDWWTP Construction Trailers	90	02-Jul-18	29-Sep-18	1				1 1	- 1	Closeout - SDW	:	: : :	1 1						
2. Central Distric	ict WWTP	6055	01-Mar-11 A	27-Sep-27		;							· · · · · · ·			1 1	1 1	1 1	1 1	
	us Electrical Improvements	2096	11-Jun-14 A	06-Mar-20		÷					+		06-Mar-20, 2.0	1 Miscellan	eous Electrical	Improvemer	nts	 	†	
	25 Electrical improvements							30-1	an-18, Engin	eeriha D	esian									
Engineering Design	EPA Start Date for Engineering Design - CD Misc. Elect. Improvements	1330	11-Jun-14 A	30-Jan-18	-	1			1 1										1	
CD82340		0	01-Jan-17 A	31-Dec-17*	♦ EP	A Start	Date for E		1 1	Misc. El	ect. Improveme									
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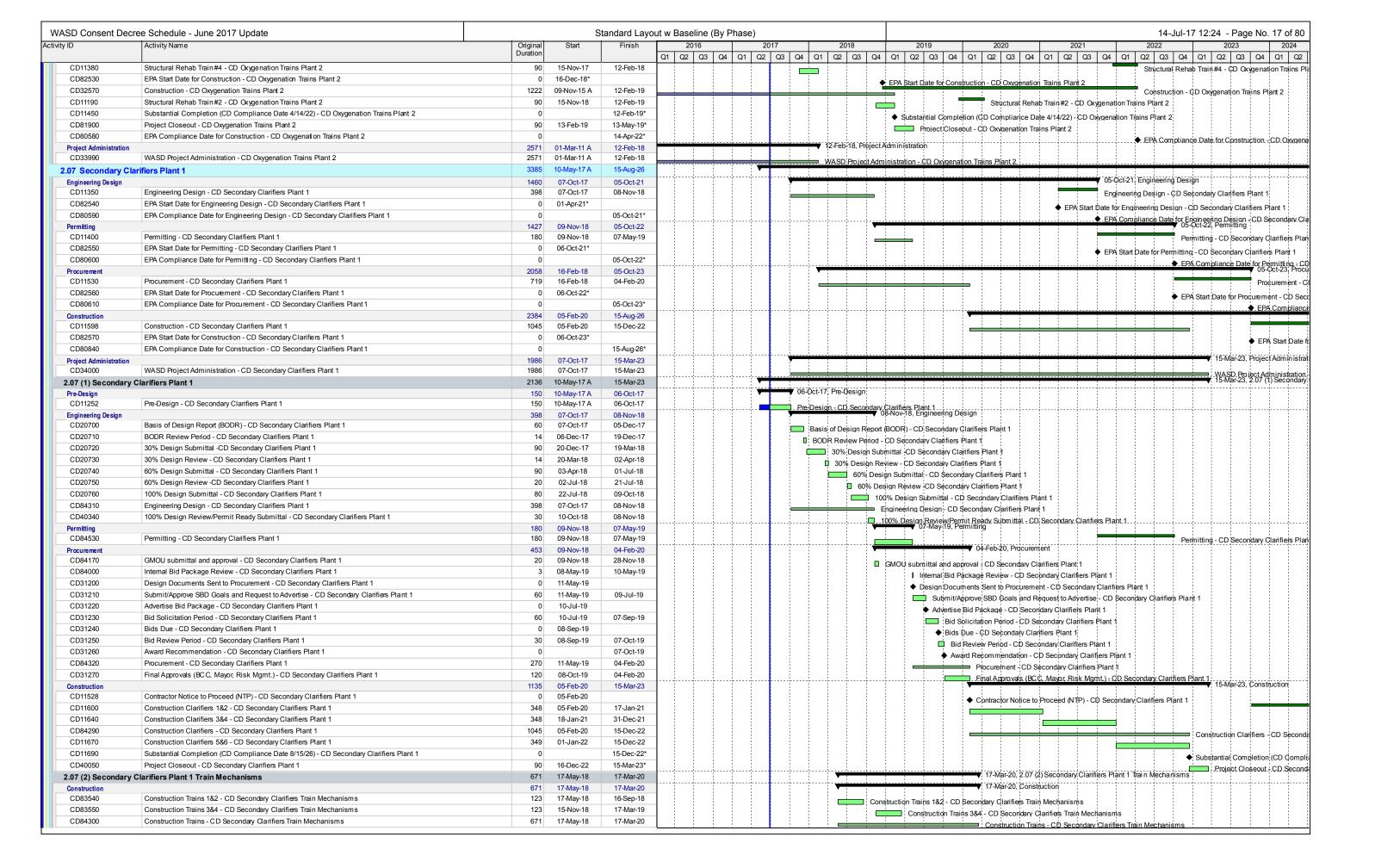
ty ID	ecree Schedule - June 2017 Update Activity Name	Original	Start	Standard Lay	out w Baseline (By Pha	se)	117		2018		2019		2020 2021	14-Jul-1 2022	17 12:24 - Pag	 12 (
ty ID	Activity Name	Original Duration	Start	FILIISII						4 Q1		Q4 Q1	Q2 Q3 Q4 Q1 Q2 Q3 Q4			
Permitting		916		20-Jun-18		-			20-Jun-1							_
CD82350	EPA Start Date for Permitting - CD Misc. Elect. Improvements	0	21-Jun-17 A			•	EPA Start	Date for P	emitting - CD							
CD10330	Permitting - CD Misc. Elect. Improvements	727	18-Dec-15 A	11-Oct-17					Permittin	g - CD Mi	sc. Elect.	Improveme	nts			
CD42430 Procurement	EPA Compliance Date for Permitting - CD Misc. Elect. Improvements	1428	24-Jul-15 A	20-Jun-18* 20-Jun-19					. ◆ EPA Con	npliance [ate_for_Pe	mitting - Cl	D Misc. Elect Improvementsurement			
CD82360	EPA Start Date for Procurement - CD Mis c. Elect. Improvements	0	21-Jun-18*	20-0011-19	1				1 1			1 1				
CD10560	Procurement - CD Misc. Elect. Improvements	1192	24-Jul-15 A	27-Oct-18		-			◆ EPA Star	t Date for I			c Elect Improvements D Misc Elect Improvements			
CD42440	EPA Compliance Date for Procurement - CD Misc. Elect. Improvements	0		20-Jun-19*							1	1 1		avamenta.		
Construction		1499	29-Jan-16 A	06-Mar-20	■	+		+			LEFF	Compliand	e Date for Procurement - CD Misc. Elect. Impr 7 06-Mar-20, Construction	ivenients	1	
CD82370	EPA Start Date for Construction - CD Misc. Elect. Improvements	0	21-Jun-19*									Start Date	for Construction - CD Misc. Elect. Improvemen	ıts		
CD10810	Construction - CD Misc. Elect. Improvements	1308	29-Jan-16 A	22-Aug-19		-				+ +		1 1	Construction - CD Misc. Elect. Improvement			
CD10960	Substantial Completion (CD Compliance Date 3/06/20) - CD Misc. Elect. Improvements	0		01-Dec-19*								♦ Sub	stantial Completion (CD Compliance Date 3/0	3/20) - CD Misc. Elect.	Improvements	
CD40000	Project Closeout - CD Misc. Elect. Improvements	90	02-Dec-19	29-Feb-20*							1		Project Closeout - CD Misc. Elect. Improven			
CD42450	EPA Compliance Date for Construction - CD Misc. Elect. Improvements	0	04.0-+45.4	06-Mar-20*									EPA Compliance Date for Construction - CD 29-Feb-20, Project Administration	Misc. Elect. Improvem	ents	
Project Administration CD33930	WASD Project Administration - CD Misc. Elect. Improvements	1613 1613	01-Oct-15 A 01-Oct-15 A	29-Feb-20 29-Feb-20	-							'				
2.01 (1) Substation		286		05-May-16 A	05-May-16 A, 2.01	(1) Subs	tations 1 &	2				 	WASD Project Administration - CD Misc. Ele	ct_Improvements	+	
Engineering Design	113 1 0. 2	121		30-Jan-16 A	▼ 30-Jan-16 A, Engineering	g Design									ttt	
CD40820	Engineering Design Substations 1 & 2 (WASD) - CD Misc. Elect.Improvements	122		30-Jan-16 A	Engineering Design Sub	etatione	1 & 2 11/1/15	CD M	isc Election	rolement						
Permitting		70	18-Dec-15 A	26-Feb-16 A	Engineering Design Sub 26-Feb-16 A, Permitting]			LICELIAND							
CD40900	Permitting Substations 1 & 2 (WASD) - CD Misc. Elect.Improvements	71	18-Dec-15 A	26-Feb-16 A	Permitting Substations	1 & 2 (V	(ASD) - CD	Misc. Ée	ct.lmproveme	nts						
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CD40980	Procurement Substations 1 & 2 (WASD) - CD Misc. ElectImprovements	67	24-Jul-15 A	28-Sep-15 A	urement_Substations_1 & 2 (WASD) -	CD.Mis.cE	ElectImpro	vements			-ļ <u>ļ</u>				
Construction CD40280	Construction - Substations 1 & 2 (WASD) - CD Misc. Elect.Improvements	97	29-Jan-16 A 29-Jan-16 A	05-May-16 A 05-May-16 A				1 1	1 1							
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CD70450	Engineering Design Substations 3, 4A, 4B, 5, & 6 - CD Misc. Elect.Improvements	730	16-Apr-15 A	14-Apr-17 A		= En	ineering D	esian Sub	stations 3 4A	4B 5 8 6	s - dp Mi	sc Flectim	nrovements			
Procurement		239	05-Jun-17 A	23-Feb-18		V	inconin D	23-	stations 3, 4A Feb-18, Procu	rement		St. LICCI.III	ptoveingras			
CD70470	Procurement Substations 3, 4A, 4B, 5, & 6 - CD Misc. Elect.Improvements	239	05-Jun-17 A	23-Feb-18				Pro	curement Sub	stations 3	3, 4A, 4B,	5 & 6 - CD	Misc. Elect Improvements			
Construction		454	06-Mar-18	02-Jun-19							─ 02-Ji	ın-19, Const	ruction			
CD70480	Construction Substations 3, 4A, 4B, 5, & 6 - CD Misc. Elect.Improvements	454	06-Mar-18	02-Jun-19	ļ <u>.iii.</u>		i i				Cons	truction Sub	ostations 3, 4A, 4B, 5, & 6 - CD Misc. Elect In 1 (3) Substations 9 & 10 (Project 2.10(1))	provements	4	
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CD40930	Permitting Substations 9 & 10 (2.10) - CD Misc. Elect.Improvements	476	18-Jul-16 A	05-Nov-17		- 1		Domitting	Substations (8 10 /2 1	O) CDM	iec Electin	provements			
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CD41010	Procurement Substations 9 & 10 (2.10) - CD Misc. Elect.Improvements	270	06-Nov-17	02-Aug-18			l. _	1 1	Procu	rement Su	bstations	9 & 10 (2.10)) - CD Misc. Elect Improvements		. j j j	
Construction		348	03-Aug-18	16-Jul-19							16	S-Jul-19; Co	nstruction			
CD40760	Construction Substations 9 & 10 (2.10) - CD Misc. Elect.Improvements	348	03-Aug-18	16-Jul-19							c	ohstruction	Substations 9 & 10 (2.10) - CD Misc. Elect Imp 2.01 (4) Substations 11 & 12 (Project 2.11)	rovernents		
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CD41020	Procurement Substations 11 & 12 (2.11) - CD Misc. Elect.Improvements	270	27-Dec-17	22-Sep-18			LL		Pro	ocuremen	: t <u>.Subs</u> tatio	ons.11.&.12.	(2.11) - CD Misc. Elect Improvements.			
Construction	0 1 5 0 1 5 40 40 6 5 5 5 5 5 5	324	23-Sep-18	12-Aug-19							-	12-Aug-19, (Construction			
CD40740	Construction Substations 11 & 12 (2.11) - CD Misc. Elect.Improvements	324	23-Sep-18	12-Aug-19				<u> </u>	74 May 10	2:01 /5\:0	Substation	Construction	n Substations 11 & 12 (2.11) - CD Misc. Elect J roject 2 (15(1))	n provements	+	
	ns 15 & 16 (Project 2.15(1))	1444		24-May-18	ep-15 A, Engineering Design				▼ividy-10,		,uvstatiUH				+	
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CD40750	Construction - Substations 15 & 16 (2.15) - CD Misc. Elect.Improvements	571		24-May-18					Construction	on - Subst	ations 15	& 16 (2.15) -	CD Misc. Elect Improvements 2.01 (6) Substations 17 & 18 (Project 2.19(2)a)		+	
	ns 17 & 18 (Project 2.19(2)a)	1541		22-Aug-19	02-Sep-16	A Fngi	neering Des	sian					2.5. (0) Substantins 17 & 10 (Floject 2.19(2)a)		+	
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CD40770	Construction Substations 17 & 18 (2.19) - CD Misc. Elect.Improvements	660	01-Nov-17	22-Aug-19	J						<u> </u>	Construction	n Substations 17 & 18 (2.19) - CD Misc. Elect ec-19, 2.01 (7) Substations 7A, 8A, 9A, & 10A	mprovements	4	
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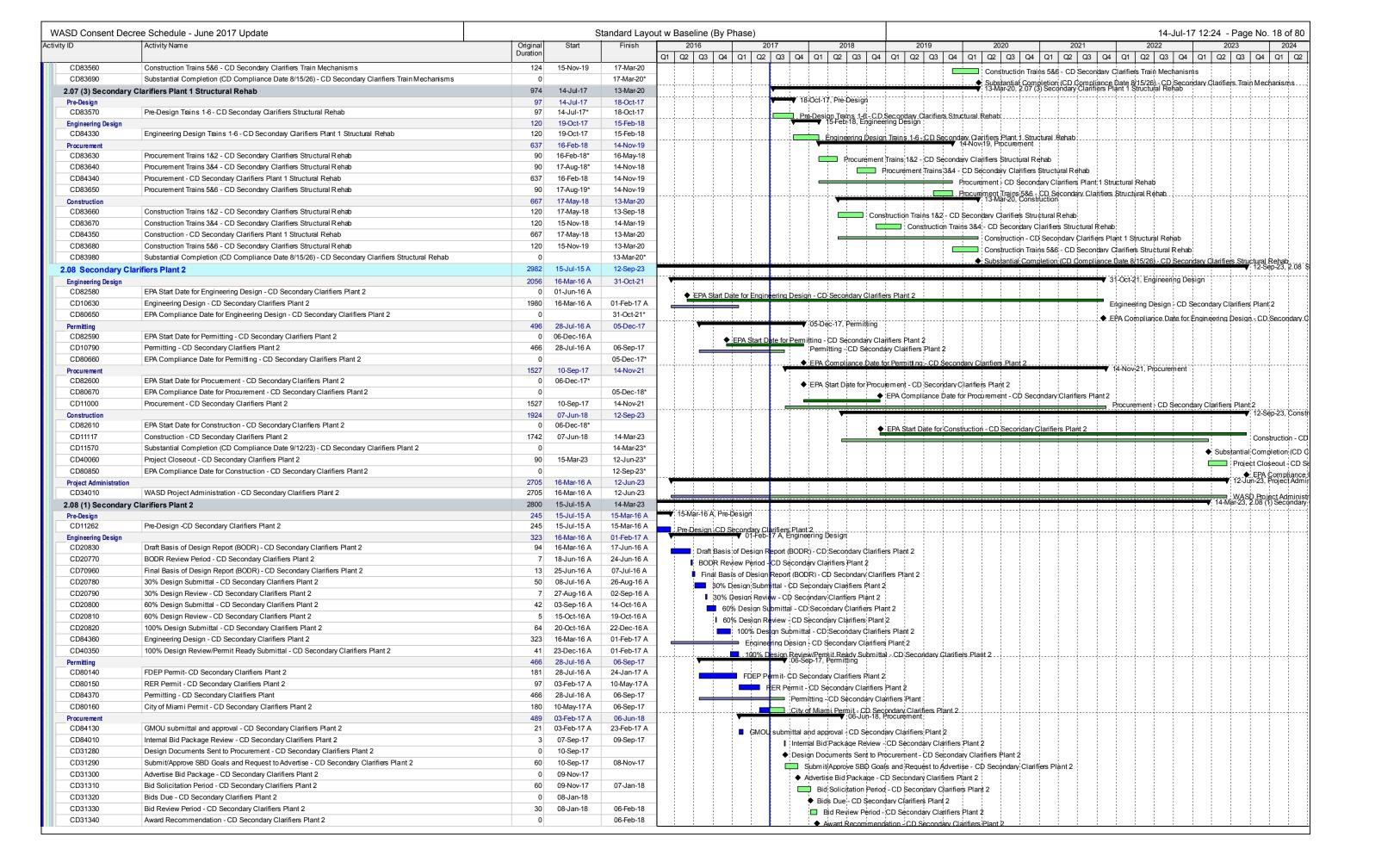
D	ree Schedule - June 2017 Update Activity Name	Original	Start	Standard Layo		eline (E	,	2017		2018		2019	<u> </u>	,	2020		2021		2022	+-Jul-17 1	2:24 - P	age NO.	. 13
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CD41000	Procurement Substations 7A, 8A, 9A, & 10A - CD Misc. Elect.Improvements	180	01-May-18	27-Oct-18	J	44.					Pro	curement Sub	stations 7A,	8A 9A	10A - CD Mi	sc. Elect.li	m provem ent	ts					ļ
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CD42460	EPA Compliance Date for Engineering Design - CD Repairs to Various Buildings**	770	00 M44 A	18-Oct-14 A			CD Repairs to																
CD10130	Engineering Design - CD Repairs to Various Buildings		26-Mar-14 A	05-May-16 A		Engineeri	ing Design - CI 7-Aug-16 A. Pe	D Repairs to	o Various E	Buildings						 							ļ.,
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CD82390	EPA Start Date for Permitting - CD Repairs to Various Buildings	620		22 Jun 16 A	- CD Repa		rious Buildings																
CD10290	Permitting - CD Repairs to Various Buildings	620	13-Oct-14 A	23-Jun-16 A		-: :	remitting - CD	- K	1 1	: ":													
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CD10530	Procurement - CD Repairs to Various Buildings	933	03-Jun-14 A	21-Dec-16 A	\ Start Date	e for Proc	uremient - CD I				D. Harris												
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CD10910	Substantial Completion (CD Compliance Date 9/06/17) - CD Repairs to Various Buildings	1000	10-001-1474	18-Aug-17*					1 1	: :	1 1	1 1											
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	g Improvements - Admin Asbestos Abatement	198	26-Mar-14 A	01-Jun-15 A 10-Oct-14 A	sign .																		÷-
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CD21720	Bid & Award Asbestos Abatement (Phase 1) - CD Admin Asbestos Abatement	64	03-Jun-14 A	05-Aug-14 A		1																	-
CD84270	Procurement - CD Admin Asbestos Abatement	257	03-Jun-14 A	14-Feb-15 A	1 1	1 1	min Asbestos	Abatement															
CD30000	Bid & Award Asbestos Abatement (Phase 2) - CD Admin Asbestos Abatement	62	15-Dec-14 A	14-Feb-15 A	- ;	estos Aba																	
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CD21170	Asbestos Abatement (Phase 1) - CD Admin Asbestos Abatement	60	16-Oct-14 A	14-Dec-14 A	1																		
CD84280	Construction - CD Admin Asbestos Abatement	229	16-Oct-14 A	01-Jun-15 A	1.0	1 1	Asbestos Abat																
CD30010	Asbestos Abatement (Phase 2) - CD Admin Asbestos Abatement	39	24-Apr-15 A	01-Jun-15 A			tos Abatement																
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CD11004	Engineering Design (Remodel) - CD Administration Interior Improvements	67	26-Jan-15 A	02-Apr-15 A		1 1																	
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CD11014	Permitting (Remodel) - CD Administration Building Interior Improvements	196	02-Apr-15 A	14-Oct-15 A	- :	1 1	1 1	1 1		: :													
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CD30860	Design Documents Sent to Procurement - CD Administration Building Interior Improvements		02-Nov-15 A							D			_										
CD30870	Submit/Approve SBD Goals and Request to Advertise - CD Administration Building Interior Improvements	95	02-Nov-15 A	04-Feb-16 A	1 11	1 1	ent to Procuren		1 1	: :	**	1 1	1 1	1.									
CD30880	Advertise Bid Package - CD Administration Building Interior Improvements	0	04-Mar-16 A			1 1	SBD Goals ar				1 1		iterior improv	/ements									
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CD30900	Bids Due - CD Administration Building Interior Improvements	0	03-Jul-16 A			1 1	olicitation Peri	1 1	!!!	!!!	!!!	1 1											
CD30910	Bid Review Period - CD Admini stration Building Interior Improvements	47	03-Jul-16 A	18-Aug-16 A	1 1 1		Due - CD Adm		1 1		i i	1 1											
CD80340	Rebid Solicitation Period - CD Administration Building Interior Im provements	34	19-Aug-16 A	21-Sep-16 A	-		d Review Perio		1 1			1 1											
CD80350	Rebids Due - CD Administration Building Interior Improvements	0	22-Sep-16 A	21 000 1071	-	i i	Rebid Solicita	1	i i	i i	i i	1 1	ements										
CD80360	Rebid Review Period - CD Administration Building Interior Improvements	27	22-Sep-16 A	18-Oct-16 A	-	: :	Rebids Due - 0			: :	: :	: :											
CD30920	Award Recommendation - CD Administration Building Interior Im provements	0	22 COP 1071	18-Oct-16 A	-	1 1	Rebid Revie	1 1	!!!	!!!	! !	!!!	1 1										
CD11022	Procurement - CD Administration Building Interior Improvements	388	02-Nov-15 A	23-Nov-16 A	-	1	Award Reco	1	i i	i i	i i	i i	i i										
CD30930	Final Approvals - CD Administration Building Interior Improvements	36	19-Oct-16 A	23-Nov-16 A		T 1						mprovements											i
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CD11031	Contractor Notice to Proceed (NTP) - CD Administration Building Interior Improvements		22-Dec-16 A	.7 COp-17					1 1		1 1		1 1		1				1				-
CD11032	Construction (Remodel) - CD Administration Building Interior Improvements		22-Dec-16 A	18-Aug-17	1		Contrac		1 1		1 1	tration Buildir											
CD11042	Substantial Completion (CD Compliance Date 9/06/17) - CD Administration Building Interior Improvements	0		18-Aug-17*	1		: :		1 1	: :	- : :	ministration B	1 1		1 1 1				- 1				i
CD40010	Project Closeout - CD Administration Building	30	19-Aug-17	17-Sep-17*	-						1 1	1 1	1 1	D Admin U: !	istration Build	ing Interior	rImproveme	ents					1
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CD33940	WASD Project Administration - CD Administration Building	1272	26-Mar-14 A 26-Mar-14 A	17-Sep-17 17-Sep-17	1	1 1		1 1	1 1		- 1 - 1	1 1	1 1										1
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CD30070	Procurement - CD Misc. Roof Repairs		31-Jan-15 A 31-Jan-15 A	23-May-16 A 23-May-16 A		uj		1 1	Mica Bass	Dencia													
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CD30020	Switchgear Building Roof Repairs - CD Misc. Roof Repairs	47	11-Apr-15 A	27-May-15 A	1	1	s - CD Misc. R		1 1		-		1 1	1	1 1	1	1 1	1 1	!	- !	1 1		1

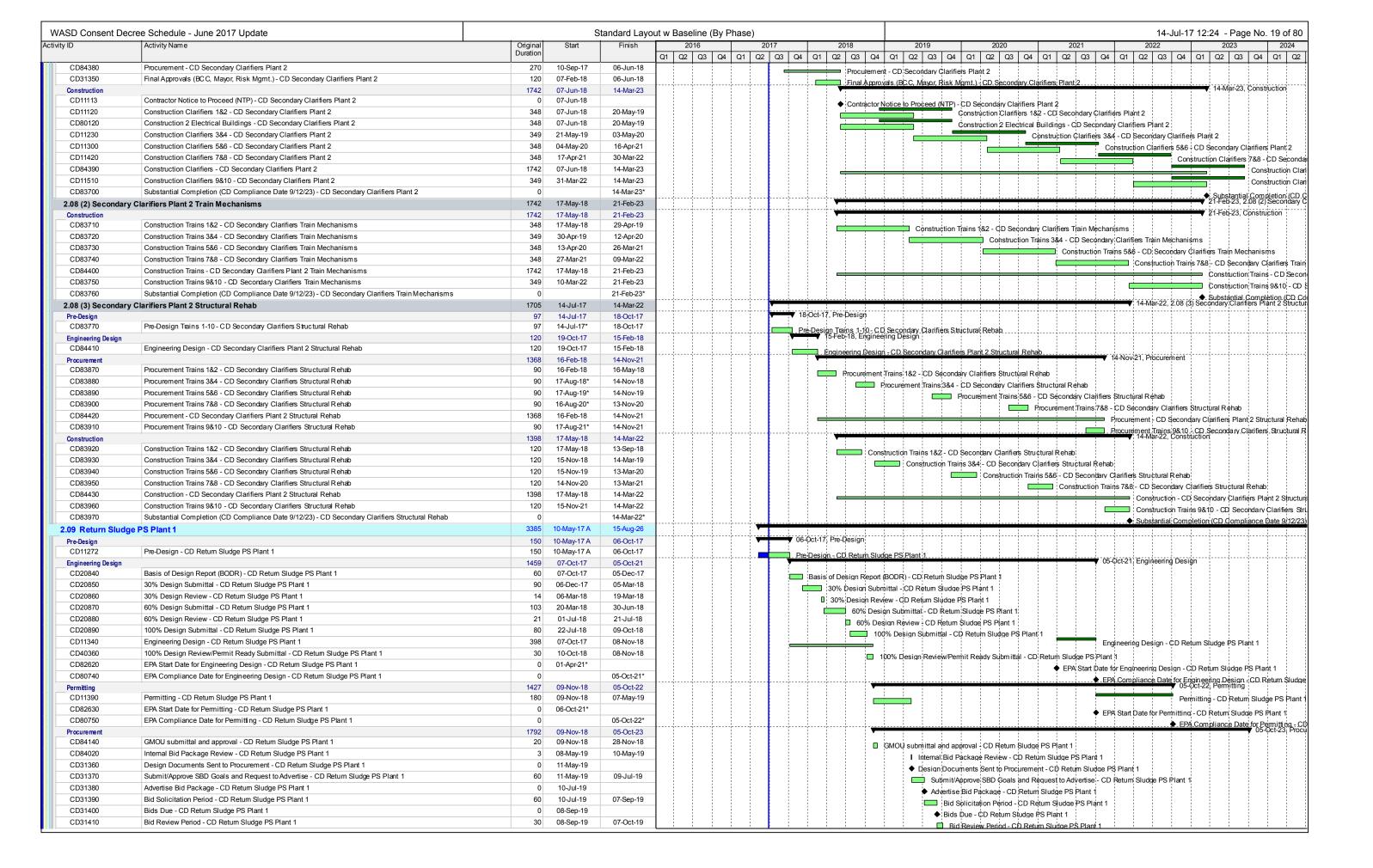
Pre-Design CD11242 Engineering Design	Activity Name Maintenance Building Roof Repairs - CD Misc. Roof Repairs Operation & Control Building Roof Repairs - CD Misc. Roof Repairs	Original Duration	Start	Finish	2016 2017 2018	2019	2020 2021	2022	2023	3	2024
CD30040 2.02 (2) Remodel Ba Pre-Design CD11242 Engineering Design	· · · · · · · · · · · · · · · · · · ·				Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4	I Q1 Q2 Q3 Q4 Q1	Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1	1 02 1 03 1 04 1	01 02 0	03 04 (
2.02 (2) Remodel Ba Pre-Design CD11242 Engineering Design	Operation & Control Ruilding Poof Penairs CD Mice Poof Penairs	150	23-May-16 A	19-Oct-16 A	Maintenance Building Roof Repails - CD Misc. Roo			1			
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CD11242 Engineering Design	throoms, Locker Rooms & Showers	1027	19-Dec-14 A	10-Oct-17	Operation & Control Building Roof Repairs - CD Mis 10-Oct-17, 2.02 (2) Remode	el Bathrooms, Locker Rooms &	Showers				
Engineering De sign		176	19-Dec-14 A	13-Jun-15 A	Design						
	Pre-Design - CD Misc. Building Improvements	177		13-Jun-15 A	Misc. Building Im provements ▼ 05-May-16 A, Engineering D esign			_			
OD00400	Facility of the Design	327		05-May-16 A	U5-iviay-16 A, Engineering Design						
CD32480	Engineering Design Phase I - CD Misc. Building Improvements	44		27-Jul-15 A	esign Phase I - CD Misc. Building Improvements						
CD11104 CD32490	Negotiate Phase II Design - CD Misc. Building Improvements Engineering Design Phase II - CD Misc. Building Improvements	51 98		15-Sep-15 A 22-Dec-15 A	Phase II Design - CD Misc. Building Improvements						
CD32490 CD11102	Engineering Design (Summary) - CD Misc. Building Improvements	328	13-Jun-15 A	05-May-16 A	ineering Design Phase II - CD Misc. Building Improvements Engineering Design (Summary) - CD Misc. Building Improvements						
Permitting	Engineering Design (outlinary) - OD Wilse. Durining improvements	49		23-Jun-16 A	23-Jun-16 Å, Permitting	enits					
CD11112	Permitting - CD Misc. Building Improvements	50		23-Jun-16 A	Permitting - CD Misc. Building Improvements						
CD80380	COM Permit - CD Misc. Building Improvements	49	06-May-16 A	23-Jun-16 A	COM Permit - CD Misc Building Improvements						
CD80370	RER DERM Permit - CD Misc. Building Improvements	15	09-Jun-16 A	23-Jun-16 A	RER DERM Permit - CD Misc, Building Improvements						
Procurement		196	23-Jun-16 A	05-Jan-17 A	05-Jan-17 A, Procurement					1 1	
CD30340	Design Documents Sent to Procurement - CD Misc. Building Improvements	0	22-Aug-16 A		◆ Design Documents Sent to Procurement - CD Misc. Bu	ilding Improvements					
CD30350	Submit/Approve SBD Goals and Request to Advertise - CD Misc. Building Im provements	7	22-Aug-16 A	28-Aug-16 A	Submit/Approve SBD Goals and Request to Advertise -	1 1 1 1	ntls				
CD30360	Advertise Bid Package - CD Misc. Building Improvements	0	29-Aug-16 A		◆ Advertise Bid Package - CD Misc. Building Improveme						
CD30370	Bid Solicitation Period - CD Misc. Building Improvements	51	29-Aug-16 A	18-Oct-16 A	Bid Solicitation Period - CD Misc. Building Improve	ments					
CD30380	Bids Due - CD Misc. Building Improvements	0	18-Oct-16 A		♦ Bids Due - CD Misc. Building Improvements						
CD30390	Bid Review Period - CD Misc. Building Improvements	9	18-Oct-16 A	26-Oct-16 A	Bid Review Period - CD Misc. Building Improvemen	nts					-
CD30400	Award Recommendation - CD Misc. Building Improvements	0		26-Oct-16 A	◆ Award Recommendation - CD Misc. Building Impro	ovements					
CD11122	Procurement - CD Misc. Building Improvements	182		21-Dec-16 A	Procurement - CD Misc. Building Improvement	ts					
CD30410	Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Misc. Building Improvements	71		05-Jan-17 A	Final Approvals (BCC, Mayor Risk Mgmt.) - CI	D.Misc. Building Improvements					
Construction	O A A M C A D A LANTON ODAY. D W.	240		10-Oct-17	V 10-Oct-17, Construction						
CD30420	Contractor Notice to Proceed (NTP) - CD Misc. Building Improvements	0	13-Feb-17 A	44.4.47	◆ Contractor Notice to Proceed (NTP) - CD Mi						
CD11132	Construction - CD Misc. Building Improvements	180	13-Feb-17 A	11-Aug-17	Construction - CD Misc. Build	17 1 1 1					
CD11142	2.2 (2) Substantial Completion (CD Compliance Date 9/06/17) - CD Misc. Building Improvements	0	40 4 47	11-Aug-17*	◆ 2.2 (2) \$ubstantial Completion		-CD Misc. Building Improvements				
CD40020	Project Closeout - CD Misc. Building Improvements	60	12-Aug-17	10-Oct-17*	Project Closeout - CD Misc 10-Oct-17, Project Adminis	Building Improvements					
Project Administration CD33950	WASD Project Administration - CD Misc. Building Improvements	850 850		10-Oct-17 10-Oct-17							
2.03 Headworks/Gr		1303		28-Dec-17	WASD Project Administrati 28-Dec-17, 2.03 Head	on - CD Misc. Building Improve dworks/Grit Basin Plant 1	ements.				
Pre-Design	IL DASIII FIAIIL I	122		05-Oct-14 A							
CD20000	Pre-Design - CD Headworks/Grit Basin Plant 1	123		05-Oct-14 A							
Engineering Design	The Booking To Booking Control of the Booking To Bookin	515		28-Jan-16 A	asin Plant 1 8-Jan-16 A, Engineering Design						
CD82420	EPA Start Date for Engineering Design - CD Headworks/Grit Basin Plant 1**	0	•	2000111071	n - CD Headworks/Grit Bas in Plant 1**						
CD20040	Technical Memo #1 - CD Headworks/Grit Basin Plant 1	0	27-Oct-14 A		orks/Grit Basin Plant 1						
CD20050	Technical Memo #2 - CD Headworks/Grit Basin Plant 1	0	08-Dec-14 A		dworks/Grit Basin Plant 1						
CD30090	Draft BODR Issued - CD Headworks/Grit Basin Plant 1	0	31-Mar-15 A		D Headworks/Grit Basin Plant						
CD20020	Basis of Design Report - CD Headworks/Grit Basin Plant 1	136	24-Nov-14 A	08-Apr-15 A	nt - CD Headworks/Grit Basin Plant 1						
CD20060	Negotiate Final Design - CD Headworks/Grit Basin Plant 1	108	09-Feb-15 A	27-May-15 A	esign - CD Headworks/Grit Basin Plant 1						
CD30270	Issue NTP for Final Design - CD Headworks/Grit Basin Plant 1	0	27-May-15 A		l Design - CD Headworks/Grit Basin Plant 1						
CD30280	Procurement Contract Modification - CD Headworks/Grit Basin Plant 1	1	17-Jun-15 A	17-Jun-15 A	ntract Modification -CD Headworks/Grit Basin Plant 1						
CD32520	Develop Equipment Pre-Purchase Packages - CD Headworks/Grit Basin Plant 1	31	17-Jun-15 A	17-Jul-15 A	ment Pre-Purchase Packages - CD Headworks/Grit Basin Plant 1						
CD21110	60% Design Submittal - CD Headworks/Grit Basin Plant 1	52		07-Aug-15 A	Submittal - CD Headworks/Grit Basin Plant 1						
CD21120	60% Design Review - CD Headworks/Grit Basin Plant 1	12		21-Aug-15 A	Review - CD Headworks/Grit Basin Plant 1						
CD20030	100% Design Submittal - CD Headworks/Grit Basin Plant 1	120	21-Aug-15 A	18-Dec-15 A	6 Design Submittal - CD Headworks/Grit Basin Plant 1						
CD80390	EPA Compliance Date for Engineering Design - CD Headworks/Grit Basin Plant 1**	0		05-Jan-16 A	Compliance Date for Enginee ing Design - CD Headworks/Grit Bas	sin Plant 1**					
CD10050	Engineering Design - CD Headworks/Grit Basin Plant 1	431		28-Jan-16 A	ngineering Design - CD Headworks/Grit Basin Plant 1						
CD40320	100% Design Review/Permit Ready Submittal - CD Headworks/Grit Basin Plant 1	41		28-Jan-16 A	00% Design Review/Permit Ready Submittal - CD Headworks/Grit.B ▼ 05-Aug-16 A Permitting	asin Plant 1					
Permitting CD80400	EDA Start Date for Demitting CD Headworks /Crit Pagin Dlant 1**	732		05-Aug-16 A							
CD80400	EPA Start Date for Permitting - CD Headworks/Grit Basin Plant 1**	0	04-Aug-14 A	01 lue 16 1	dworks/Grit Basin Plant 1**						
CD82430	EPA Compliance Date for Permitting - CD Headworks/Grit Basin Plant 1** Permitting - CD Headworks/Grit Pasin Plant 1	101	28 lan 16 ^	01-Jun-16 A	◆ EPA Compliance Date for Permitting - CD Headworks/Grit Ba	sin Plant 1**					
CD10220 CD80030	Permitting - CD Headworks/Grit Basin Plant 1 City of Miami Building Permit - CD Headworks/Grit Basin Plant 1	191 190		05-Aug-16 A	Permitting - CD Headworks/Grit Basin Plant 1						
	Oity of Milanii Dullullig Fellint - OD Fleadworks/Gilt Dasill Plant 1			05-Aug-16 A 31-Jul-17	City of Miami Building Permit - CD Headworks/Grit Basir	n Plant 1					
Procurement CD32870	Pre-Purchase Bid Package (Screening Equipment) - CD Headworks/Grit Basin Plant 1	711	21-Aug-15 A 21-Aug-15 A	29-Oct-15 A							
CD32880	Advertise Pre-Purchase Package (Screening Equipment) - CD Headworks/Grit Basin Plant 1	0		3 221 .0.1	chase Bid Package (Screening Equipment) - CD Headworks/Grit Bas						
CD82440	EPA Start Date for Procurement - CD Headworks/Grit Basin Plant 1	0			e Pre-Purchase Package (Screening Equipment) - CD Headworks/G	nii Basin Piant 1					
CD32890	Vendor Bid & Award (Screening Equipment) - CD Headworks/Grit Basin Plant 1	98		04-Feb-16 A	A Start Date for Producement - CD Headworks/Grit Basin Plant 1	in Diget 4					
CD32900	VendorNTP (Screening Equipment) - CD Headworks/Git Basin Plant 1	0		04-Feb-16 A	endor Bid & Award (Screening Equipment) - CD Headworks/Grit Bas						
CD30430	Design Documents Sent to Procurement - CD Headworks/Grit Basin Plant 1	0	07-Mar-16 A		endor NTP (Screening Equipment) - CD Headworks/Grit Basin Plant	1 1 1 1 1					:
CD30440	Submit/Approve SBD Goals and Request to Advertise - CD Headworks/Git Basin Plant 1	67	28-Mar-16 A	02-Jun-16 A	Design Documents Sent to Procurement - CD Headworks/Grit Basi						į
CD30450	Advertise Bid Package - CD Headworks/Grit Basin Plant 1	0	03-Jun-16 A		Submit/Approve SBD Goals and Request to Advertise - CD H	eacworks/Gnt Basin Plant1					
CD30460	Bid Solicitation Period - CD Headworks/Grit Basin Plant 1	46		18-Jul-16 A	◆ Advertise Bid Package - CD Headworks/Grit Basin Plant 1						
CD30470	Bids Due - CD Headworks/Grit Basin Plant 1	0	19-Jul-16 A	1300.1071	Bid Solicitation Period - CD Headworks/Grit Basin Plant 1						
CD30470	Bid Review Period - CD Headworks/Grit Basin Plant 1	14		01-Aug-16 A	◆ Bids Due - CD Headworks/Grit Basin Plant 1						
CD30490	Award Recommendation - CD Headworks/Grit Basin Plant 1	0		01-Aug-16 A	Bid Review Period - CD Headworks/Grit Basin Plant 1 ◆ Award Recommendation - CD Headworks/Grit Basin Plant						

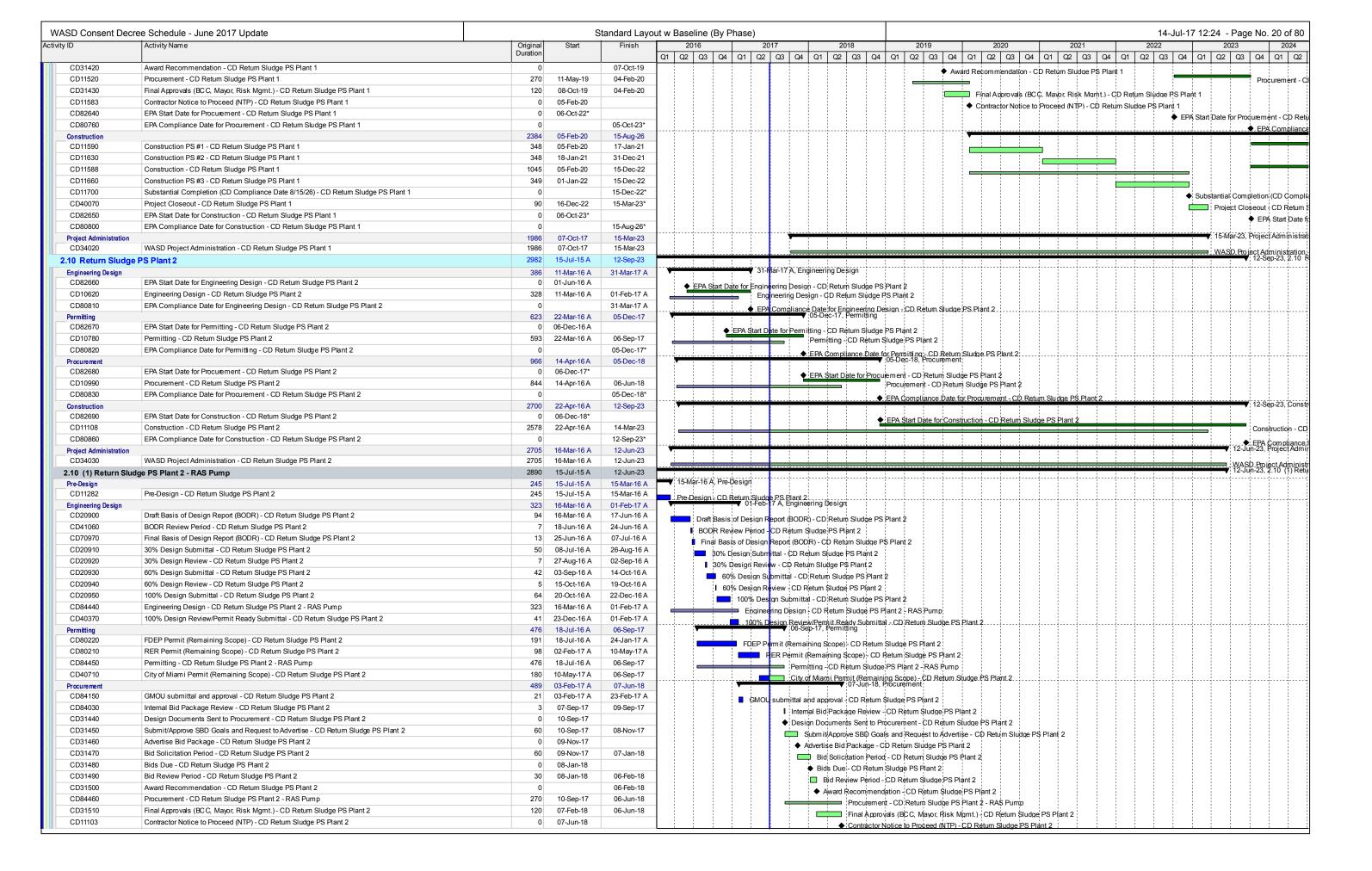
	ecree Schedule - June 2017 Update				out w Baseline (By Phase)			14-Jul-17 12:24 - Page No. 15
tivity ID	Activity Name	Original Duration	Start	Finish	2016 20		2019 2020 2021	2022 2023 2
CD30500	Final Americala (PCC Mayor Biole Mamt.) CD Hoodworks/Crit Pooin Plant 1	7	02-Aug-16 A	08-Aug-16 A			Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1	Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1
CD30500 CD10230	Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Headworks/Grit Basin Plant 1 Procurement - CD Headworks/Grit Basin Plant 1	176	02-Aug-16 A 07-Mar-16 A	29-Aug-16 A		C. Mayor, Risk Momt.) - CD Headw	works/Grit Basin Plant1	
	P.O. Issued - CD Headworks/Grit Basin Plant 1	170	07-Wai-10 A		Procurement - C	D Headworks/Grit Basin Plant 1		
CD82220		0		29-Aug-16 A	◆ P.O. Issued - CD H	eadworks/Grit Basin Plant 1		
CD81830	EPA Compliance Date for Procurement - CD Headworks/Grit Basin Plant 1	455	04 4 45 4	16-Oct-16 A	◆ EPA Compliance	e Date for Procurement - CD Head	dworks/Grit Basin Plant 1	
CD30080	Owner Pre-purchase Screening Equipment - CD Headworks/Grit Basin Plant 1	455	21-Aug-15 A	17-Nov-16 A	Øwner Pre-pur	rchase Screening Equipment - CD) Headworks/Gnt Basin Plant 1	
CD32910	Fabricate & Deliver Screening Equipment - CD Headworks/Grit Basin Plant 1	288	04-Feb-16 A	17-Nov-16 A	Fabricate & D	eliver Screening Equipment - CD I	Headworks/Grit Basin Plant 1	
CD32820	Pre-Purchase Bid Package (RTUs) - CD Headworks/Grit Basin Plant 1	28	21-Oct-16 A	17-Nov-16 A	■ Pre-Purchase	Bid Package (RTUs) - CD Headwo	rorks/Grit Basin Plant 1	
CD32840	VendorBid & Award (RTUs) - CD Headworks/Grit Basin Plant 1	88	18-Nov-16 A	13-Feb-17 A	Vendor	Bid & Award (RTUs) - CD Headwor	rks/Grit Basin Plant 1	
CD32850	VendorNTP (RTUs)-CD Headworks/Grit Bas in Plant 1	0		13-Feb-17 A	◆ Vendor	NTP (RTUs) - CD Headworks/Gritl	Basin Plant 1	
CD32510	Owner Pre-purchase RTU's - CD Headworks/Grit Basin Plant 1	284	21-Oct-16 A	31-Jul-17		Owner Pre-purchase RTU's - C	CD Headworks/Grit Basin Plant 1	
CD32860	Fabricate & Deliver RTUs - CD Headworks/Grit Basin Plant 1	168	14-Feb-17 A	31-Jul-17		Fabricate & Deliver RTUs - CD	D Headworks/Grit.Basin Plant 1	
Construction		742	18-Dec-15 A	28-Dec-17		28-Dec-17, Construc	ction	
CD40300	Install Manhole and Clean out of 84" Pipe - CD Headworks/Grit Basin Plant 1	147	18-Dec-15 A	12-May-16 A	Install Manhole and Clear	out of 84" Pipe - CD Headworks/G	Grit Basin Plant 1	
CD10458	Contractor Notice to Proceed (NTP) - CD Headworks/Grit Basin Plant 1	0	30-Aug-16 A		◆ Contractor Notice to	o Proceed (NTP) - CD Headworks/	/Grit Basin Plant 1	
CD82450	EPA Start Date for Construction - CD Headworks/Grit Basin Plant 1	0	17-Oct-16 A			for Construction - CD Headworks/0		
CD40790	Construction (Remaining Scope) - CD Headworks/Grit Basin Plant 1	396	30-Aug-16 A	29-Sep-17	V El Total Suto		Scope) - CD Headworks/Grit Basin Plant 1	
CD10460	Construction - CD Headworks/Grit Basin Plant 1	396	30-Aug-16 A	29-Sep-17		Construction - CD Heady		
CD10920	Substantial Completion (CD Compliance Date 10/22/17) - CD Headworks/Grit Basin Plant 1	0		29-Sep-17*		Substantial Completion (C	CD Compliance Date 10/22/17) - CD Headworks/Grit Basin Plant 1	
CD81840	EPA Compliance Date for Construction - CD Headworks/Grit Basin Plant 1	0		22-Oct-17*	1		or Construction - CD Headworks/Grit Basin Plant 1	
CD40030	Project Closeout - CD Headworks/Grit Basin Plant 1	90	30-Sep-17	28-Dec-17*	1 1 1 1 1 1			
Project Administration	·	1131	24-Nov-14 A	28-Dec-17		28-Dec-17, Project A	CD Headworks/Grit Basin Plant 1. Administration	
CD33960	WASD Project Administration - CD Headworks/Grit Basin Plant 1	1131	24-Nov-14 A	28-Dec-17				
2.04 Headworks/0		1467	05-Jun-14 A	10-Jun-18			inistration - CD Headworks/Grit Basin Plant 1 18, 2.04 Headworks/Grit Basin Plant 2	
	On Dasin Flant 2	122	05-Jun-14 A	05-Oct-14 A				
Pre-Design CD20010	Pre-Design - CD Headworks/Grit Basin Plant 2	123	05-Jun-14 A 05-Jun-14 A	05-Oct-14 A	-			
Engineering Design	Pie-Design - GD Headworks/Ont Dasin Plant 2	536	01-Sep-14 A	19-Feb-16 A	Brit Basin Plant 2 19-Feb-16 A, Engineering Design	h		
CD82460	EPA Start Date for Engineering Design - CD Headworks/Grit Basin Plant 2	0.00	01-Sep-14 A 01-Sep-14 A	19-Feb-16 A	7 : : : : :			
CD20080		0	27-Oct-14 A		Design-CDHeadworks/GritBasinPla	ant 2		
	Technical Memo #1 - CD Headworks/Grit Basin Plant 2	-			adworks/Grit Basin Plant 2			
CD20090	Technical Memo #2 - CD Headworks/Grit Basin Plant 2	0	08-Dec-14 A		Headworks/Grit Basin Plant 2			
CD30290	Issue NTP for Final Design - CD Headworks/Grit Basin Plant 2	0	08-Dec-14 A		nn - CD Headworks/Grit Basin Plant 2	2		
CD20070	Basis of Design Report - CD Headworks/Grit Basin Plant 2	136	24-Nov-14 A	08-Apr-15 A	Report - CD Headworks/Grit Basin Pa	ant 2		
CD20100	Negotiate Final Design - CD Headworks/Grit Basin Plant 2	108	09-Feb-15 A	27-May-15 A	al Design - CD Headworks/Grit Basin	n Plant 2		
CD32530	Develop Equipment Pre-Purchase Packages - CD Headworks/Grit Basin Plant 2	31	17-Jun-15 A	17-Jul-15 A	quipment Pre-Purchase Packages -	CD Headworks/Grit Basin Plant 2		
CD21150	60% Design Submittal - CD Headworks/Grit Basin Plant 2	52	17-Jun-15 A	07-Aug-15 A	sign Submittal - CD Headworks/Grit			
CD21160	60% Design Review - CD Headworks/Grit Basin Plant 2	12	10-Aug-15 A	21-Aug-15 A	sign Review - CD Headworks/Grit Ba	i i i i i		
CD20110	100% Design Submittal - CD Headworks/Grit Basin Plant 2	120	21-Aug-15 A	18-Dec-15 A	100% Design Submittal - CD Headw			
CD10040	Engineering Design - CD Headworks/Grit Basin Plant 2	431	24-Nov-14 A	28-Jan-16 A	Engineering Design - CD Heady			
CD40330	100% Design Review/Permit Ready Submittal - CD Headworks/Grit Basin Plant 2	42	18-Dec-15 A	28-Jan-16 A		dy Submittal - CD Headworks/Grit	+ Popin Plant 2	
CD81850	EPA Compliance Date for Engineering Design - CD Headworks/Grit Basin Plant 2	0		19-Feb-16 A	1 · · · · · · · · · · •			
Permitting		520	04-Mar-15 A	05-Aug-16 A	. ◆ EPA Compliance Date for Engine 05-Aug-16 A, Permit	ing Design - CD Headworks/Gn	nt Basin Plant.2:	
CD82470	EPA Start Date for Permitting - CD Headworks/Grit Basin Plant 2**	0	04-Mar-15 A		Permitting - CD Headworks/Grit Basin	Distant		
CD81860	EPA Compliance Date for Permitting - CD Headworks/Grit Basin Plant 2**	0		18-Jun-16 A				
CD10200	Permitting - CD Headworks/Grit Basin Plant 2	190	29-Jan-16 A	05-Aug-16 A		or Permitting - CD Headworks/Grit dworks/Grit Basin Plant 2	it Basin Plant 2**	
CD80040	City of Miami Building Permit - CD Headworks/Grit Basin Plant 2		29-Jan-16 A	05-Aug-16 A	1			
	Oity of whatin building Ferritt - Ob Freadworks/Oilt basin France 2	776		_	_ City_of Miami_Buildin	ng Permit - CD Headworks/Grit Bas 31-Jul-17, Procurement	sin Plant 2	
Procurement CD30300	Procurement Contract Modification - CD Headworks/Grit Basin Plant 2	170	17-Jun-15 A 17-Jun-15 A	31-Jul-17 17-Jun-15 A	-			
CD30300	Pre-Purchase Bid Package (Screening Equipment) - CD Headworks/Grit Basin Plant 2	70		29-Oct-15 A	t Contract Modification - CD Headwo			
CD31331	Advertise Pre-Purchase Package (Screening Equipment) - CD Headworks/Grit Basin Plant 2	70	30-Oct-15 A	20-001-13 M	Purchase Bid Package (Screening			
-		-		20 Jan 16 A	vertise Pre-Purchase Package (Screen			
CD31381	VendorBid & Award (Screening Equipment) - CD Headworks/Grit Basin Plant 2	91	30-Oct-15 A	28-Jan-16 A	Vendor Bid & Award (Screening E	quipment) - CD Headworks/Grit Ba	asin/Plant/2	
CD31431	VendorNTP (Screening Equipment) - CD Headworks/Grit Basin Plant 2	0		29-Jan-16 A	→ VendorÑTP (Screening Equipment)	nt)-CDHeadworks/GritBasinPlar	nt2	
CD82480	EPA Start Date for Procurement - CD Headworks/Grit Basin Plant 2	0	03-Mar-16 A		◆ EPA Start Date for Procurement	- CD Headworks/Grit Basin Plant :	2	
CD30520	Design Documents Sent to Procurement - CD Headworks/Grit Basin Plant 2	0	07-Mar-16 A		◆ Design Documents Sent to Pro	curement - CD Headworks/Grit Ba	asin Plant;2	
CD30530	Submit/Approve SBD Goals and Request to Advertise - CD Headworks/Git Basin Plant 2	96	28-Mar-16 A	01-Jul-16 A	Submit/Approve SBD G	oals and Request to Advertise - Cl	D Headworks/Grit Basin Plant 2	
CD30540	Advertise Bid Package - CD Headworks/Grit Basin Plant 2	0	02-Jul-16 A		◆ Advertise Bid Package	- CD Headworks/Grit Basin Plant 2	2	
CD30550	Bid Solicitation Period - CD Headworks/Grit Basin Plant 2	17	02-Jul-16 A	18-Jul-16 A		l - CD Headworks/Grit Basin Plant		
CD30560	Bids Due - CD Headworks/Grit Basin Plant 2	0	19-Jul-16 A		♦ Bids Due - CD Headw			
CD30570	Bid Review Period - CD Headworks/Grit Basin Plant 2	14	19-Jul-16 A	01-Aug-16 A		CD Headworks/Grit Basin Plant 2		
CD30580	Award Recommendation - CD Headworks/Grit Basin Plant 2	0		01-Aug-16 A	i i i i i	ation - CD Headworks/Grit Basin Pl	Nort 2	
CD30590	Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Headworks/Grit Basin Plant 2	7	02-Aug-16 A	08-Aug-16 A				
CD10210	Procurement - CD Headworks/Grit Basin Plant 2	176	07-Mar-16 A	29-Aug-16 A		C, Mayor, Risk Mgmt.) - CD Headw rement - CD Headworks/Grit Basin		
CD82230	P.O. Issued - CD Headworks/Grit Basin Plant 2	n		29-Aug-16 A	1 1 1 1 1 1 1 1			
CD31321	Pre-Purchase Bid Package (RTUs) - CD Headworks/Grit Basin Plant 2	28	21-Oct-16 A	17-Nov-16 A		leadworks/Grit Basin Plant 2		
-		88		_		Bid Package (RTUs) - CD Headwo		
CD31351	Vendor Bid & Award (RTUs) - CD Headworks/Grit Basin Plant 2	88	18-Nov-16 A	13-Feb-17 A		Bid & Award (RTUs) - CD Headwor		
CD31391	VendorNTP (RTUs)- CD Headworks/Grit Bas in Plant 2	0		13-Feb-17 A	◆ Vendor	NTP (RTUs) - CD Headworks/Grit F	Basin Plant 2	
CD81870	EPA Compliance Date for Procurement - CD Headworks/Grit Basin Plant 2	0		02-Mar-17 A	◆ EPA d	ompliance Date for Procurement -	- CD Headworks/Grit Basin Plant 2	
CD30100	Owner Pre-purchase Screening Equipment - CD Headworks/Grit Basin Plant 2	658	17-Jun-15 A	04-Apr-17 A	Own	ner Pre-purchase Screening Equipm	ment - CD Headworks/Grit Basin Plant 2	
CD31441	Fabricate & Deliver Screening Equipment - CD Headworks/Grit Basin Plant 2	432	29-Jan-16 A	04-Apr-17 A			nent - CD Headworks/Grit Basin Plant 2	

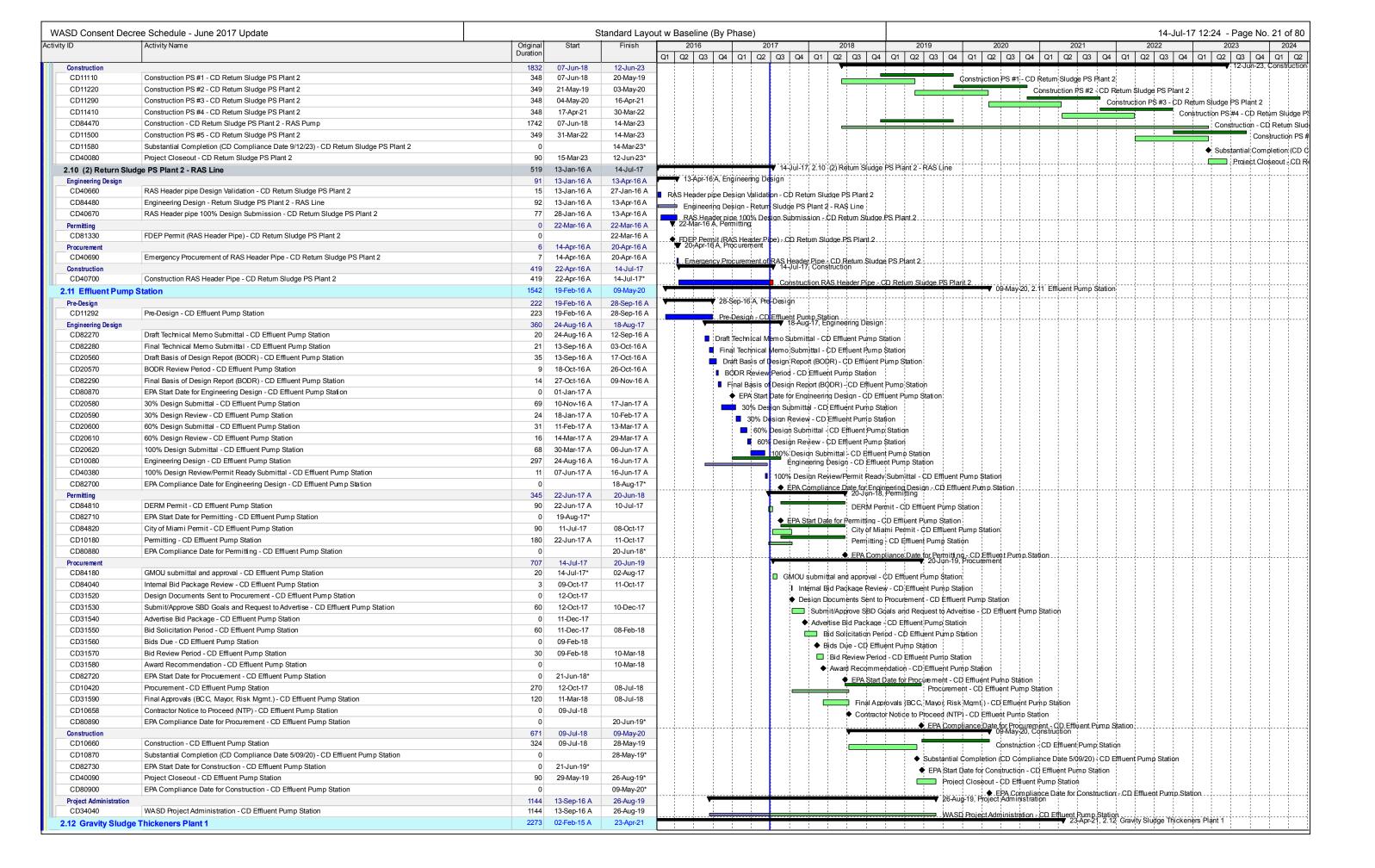
	Decree Schedule - June 2017 Update			Standard Layo	out w Baseline (By Phase)	,							i-Jul-17 1	12:24 - F	'age No.	16 of 8
tivity ID	Activity Name	Original Duration	Start	Finish	2016	2017	2018	2019		2020	2021	2022		202		2024
0000550	Ourse Descriptions DTIIIs OD Handwards (Ott Basis Blant O		04.0-+40.4	04 1::1 47	Q1 Q2 Q3 Q4 Q1	Q2 Q3	3 Q4 Q1 Q2 Q3 Q4	Q1 Q2 Q3	Q4 Q1	Q2 Q3 Q4 Q1	Q2 Q3 Q4 (21 Q2 Q3	3 Q4 C	Q1 Q2	Q3 Q4	Q1 (
CD32550 CD31401	Owner Pre-purchase RTU's - CD Headworks/Grit Basin Plant 2 Fabricate & Deliver RTUs - CD Headworks/Grit Basin Plant 2	284 168	21-Oct-16 A 14-Feb-17 A	31-Jul-17 31-Jul-17			Owner Pre-purchase RTU's - CD I									: !
Construction	Fabricate & Deriver RTOS - CD Headworks/Gift Basin Plant 2	916		10-Jun-18		F	Fabricate & Deliver RTUs - CD He	eadworks/Grit Basin Construction	ı Plant.2		 					
CD40310	Installation of Manhole and Clean out of 84" Pipe - CD Headworks/Grit Basin Plant 2	156		11-May-16 A			V 10 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									
CD10448	Contractor Notice to Proceed (NTP) - CD Headworks/Grit Basin Plant 2	0		Trinay 1071			ean out of 84" Pipe - CD Headwor	: : : :	2							
CD82490	EPA Start Date for Construction - CD Headworks/Grit Basin Plant 2	0	03-Mar-17 A		1 1 1 1 1		oceed (NTP) - CD Headworks/Grit									
CD40800	Construction (Remaining Scope) - CD Headworks/Grit Basin Plant 2	560		12-Mar-18	-	EPA Start D	Date for Construction - CD Headw	i i i i	i							
CD10450	Construction - CD Headworks/Grit Basin Plant 2	560		12-Mar-18	- I I			naining Scope) - CD - CD Headworks/Gr		k\$/Grit Basin Plant 2						
CD10750	Substantial Completion (CD Compliance Date 5/22/18) - CD Headworks/Grit Basin Plant 2	000	30-Aug-10 A	12-Mar-18*			 		1							
CD81880	EPA Compliance Date for Construction - CD Headworks/Grit Basin Plant 2	0		22-May-18*	1			: : : :	:	5/22/18) - CD Headworks/	1 1 1 1					. !
CD41000	Project Closeout - CD Headworks/Grit Basin Plant 2	90	13-Mar-18	10-Jun-18*	-			1 1 1 1	1	D Headworks/Grit Basin F	lant 2					1
Project Administrat	•	1295		10-Jun-18			Project Clos	seout - CD Headwor Project Administration	rks/Grit Bas	sin Plant 2	 					- -
CD33970	WASD Project Administration - CD Headworks/Grit Basin Plant 2	1295		10-Jun-18	-											
-	,	2617	01-Mar-11 A	29-Apr-18			₩ASD Proje	ect Administration - Oxygenation Train	CD Headw s Plant 1	vorks/Grit Basin Plant 2	 					
	on Trains Plant 1					0.Feb.17 Δ	A, Pre-Design	}		-	jjjj					j
Pre-Design CD81230	Pre-Design - CD Oxygenation Trains Plant 1	230 231	05-Jul-16 A 05-Jul-16 A	20-Feb-17 A 20-Feb-17 A												
		2361	01-Mar-11 A	16-Aug-17	P	<u>Pre-Design</u> .	- CD Oxygenation Trains Plant 1 16-Aug-17, Engineering Design	ļ			 					j
Engineering Design CD80260	Engineering Design (Mixers) - CD Oxygenation Trains Plant 1	63		02-May-11 A	1		J									
CD84540	EPA Start Date for Engineering Design - CD Oxygenation Trains Plant 1	00	01-Jun-14 A	02-Way-11 A	-											
CD80470	EPA Compliance Date for Engineering Design - CD Oxygenation Trains Plant 1**	0	01-0411-14-74	02-Sep-14 A	- CD Oxygenation Trains Plant											
CD10150	Engineering Design - CD Oxygenation Trains Plant 1	2361	01-Mar-11 A	16-Aug-17	eering Design - CD Oxygenatio			Latina Tarina Dinat								
CD80280	Engineering Design (Structural Rehab Train #3) - CD Oxygenation Trains Plant 1	177		16-Aug-17			Engineering Design - CD Oxyger		1							
	Eligineening Design (Structural Reliab flain #5) - CD Oxygeration flains Flaint 1	1647	01-Mar-11 A		-15 A Permitting		Engineering Design (Structural F	Rehab Train #3) - C C) Oxyģenatio	ion Trains Plant 1	 					j
Permitting CD10240	Permitting - CD Oxygenation Trains Plant 1	63		02-Sep-15 A 02-May-11 A	- : : -: : :	lant 1			İ							
CD10240 CD84550	EPA Start Date for Permitting - CD Oxygenation Trains Plant 1	03	03-Sep-14 A	02-Way-11 A	ting - CD Oxygenation Trains Pl	iani i										
CD84330 CD80480	EPA Compliance Date for Permitting - CD Oxygenation Trains Plant 1	0	03-0ер-14-А	02-Sep-15 A	D Oxygenation Trains Plant 1											
	ETA Compilative Date for Fermiting - CD Oxygenation flams Flant 1	2418	03-May-11 A	14-Dec-17	ompliance Date for Permitting	<u>CD_0xyge</u>	enation Trains Plant 1. 14-Dec-17, Procuremen	 								r
Procurement CD80270	Procurement (Mixers) - CD Oxygenation Trains Plant 1	147	03-May-11 A	26-Sep-11 A			, , , , , , , , , , , , , , , , , , , ,									1
CD81250	Procurement (Structural Rehab Train#2) - CD Oxygenation Trains Plant 1	88	17-Jan-17 A	14-Apr-17 A	1 <u> </u>	_										
CD10490	Procurement - CD Oxygenation Trains Plant 1	2388	03-May-11 A	31-Oct-17		Procurer	ment (Structural Rehab Train #2) Procurement - CD Oxyg			1						
CD80290	Procurement (Structural Rehab Train#3) - CD Oxygenation Trains Plant 1	76		31-Oct-17			T		i							:
CD80490	EPA Compliance Date for Procurement - CD Oxygenation Trains Plant 1	0	11-Aug-11	14-Dec-17*	-	_	Procurement (Structural Re									
	EFA Compilative Date for Flowneshest FOD Oxygenation flams Flam 1	1610	02-Dec-13 A	29-Apr-18			EPA Compliance Date f 29-Apr-18, Con	for Procurement - CE struction	Oxygenati	i on Trains Plant 1	 			·		-
Construction CD12151	Installation of Mixers Trains #2 & 3 - CD Oxygenation Trains Plant 1	81	02-Dec-13 A 02-Dec-13 A	20-Feb-14 A			, 237 p . 13, 33.									
CD10720	Structural Rehab Train#2 - CD Oxygenation Trains Plant 1	90		14-Apr-17 A	enation Trains Plant 1	Stru	uctural Rehab Train#2 - CD Oxyge	anation Trains Blant								: !
CD32560	Construction - CD Oxygenation Trains Plant 1	1564		29-Jan-18		Silu	<u> </u>	D Oxygenation Trail								
CD10940	Structural Rehab Train#3 - CD Oxygenation Trains Plant 1	90		29-Jan-18				1 1 1		mine Dient 1						
CD11050	Substantial Completion (CD Compliance Date 4/15/18) - CD Oxygenation Trains Plant 1	0	01-1404-17	29-Jan-18*	1			b Train #3 - CD Oxy	•							
CD80500	EPA Compliance Date for Construction - CD Oxygenation Trains Plant 1	0		15-Apr-18*	-			1 1 1 1 1	i	5/18) - CD Oxygenation Tr	i i i i					
CD80300 CD81890	Project Closeout - CD Oxygenation Trains Plant 1	90	30-Jan-18	29-Apr-18*	-			: : : :	:	Dxygenation Trains Plant 1						. !
Project Administrat		2571		29-Apr-18			Project Closed 29-Jan-18, Project Ad	out - CD Oxydenation	n .Trains. Pla	ant.1	ļļļļ					
CD33980	WASD Project Administration - CD Oxygenation Trains Plant 1	2571	01-Mar-11 A	29-Jan-18	-											. !
		4063		14-Apr-22			WASD Project Admir	nistration - CD Oxyg	enation.Tra	ains Plant 1		14-Apr	-22, 2.06 C	Dxygenation	Trains Plan	t 2
	on Trains Plant 2				2	0-Feb-17 A	A, Pre-Design	ļ <u>ļ</u> <u>ļ</u>			<u> </u>					-
Pre-Design CD81270	Pre-Design - CD Oxygenation Trains Plant 2	230 231	05-Jul-16 A 05-Jul-16 A	20-Feb-17 A 20-Feb-17 A												
Engineering Design		2361	01-Mar-11 A	16-Aug-17	P	Pre-Design	CD Oxygenation Trains Plant 2 16-Aug-17, Engineering Design	}	 		 			·		-
CD10610	Engineering Design - CD Oxygenation Trains Plant 2	63		02-May-11 A			D Oxygenation Trains Plant 2									: !
CD82500	EPA Start Date for Engineering Design - CD Oxygenation Trains Plant 2	0	01-Jun-16 A	OZ Way 1170		1										
CD80510	EPA Compliance Date for Engineering Design - CD Oxygenation Trains Plant 2**	0	0100111071	02-Sep-16 A			g Design - CD Oxygenation Trains									: !
CD80310 CD81280	Engineering Design (Structural Rehab Train #2) - CD Oxygenation Trains Plant 2	177	21-Feb-17 A	16-Aug-17	◆ EPA Complia		for Engineering Design - CD Oxy									
CD81200 CD81290	Engineering Design (Structural Rehab Train #4) - CD Oxygeration Trains Plant 2	177		16-Aug-17	-		Engineering Design (Structural F									
	Eligineening Design (Structural Reliab flain #4) - CD Oxygeration flains Flain 2	2378					Engineering Design (Structural F 02-Sep-17, Permitting	Rehab Train #4) - C C	Oxygenation	ion Trains Plant 2	 					; -
Permitting CD10690	Permitting - CD Oxygenation Trains Plant 2	62		02-Sep-17 02-May-11 A	1 1 1	<u> </u>		-i Bit 0								
CD82510	EPA Start Date for Permitting - CD Oxygenation Trains Plant 2	02	03-Sep-16 A	OZ Way 1170	1		Permitting - CD Oxygenation Tr	: : : :								. !
CD80520	EPA Compliance Date for Permitting - CD Oxygenation Trains Plant 2	0	00-0cp-10 A	02-Sep-17*	◆ EPA Start Da		nitting - CD Oxygenation Trains Pl									
Procurement	ETA Compilative Date for Fermiting - CD Oxygenation flams Flant 2	2756	02-May-11 A	16-Nov-18			EPA Compliance Date for Perm	nitting - CD Oxygena 16-Nov-18. Procurem	ation Trains	Plant2	 					-
CD81310	Procurement (Mixers) - CD Oxygenation Trains Plant 2	517	02-Way-11 A 02-Sep-13 A	31-Jan-15 A	1											
CD82520		0	03-Sep-17*	31-0aii-13 A	- CD Oxygenation Trains Plant				İ							
CD82520 CD81320	EPA Start Date for Procurement - CD Oxygenation Trains Plant 2 Procurement (Structural Rehab Train#4) - CD Oxygenation Trains Plant 2	90	•	14-Nov-17	1	•	EPA Start Date for Procurement			1 1 1 1						
	, , , , ,				-	-	Procurement (Structural R									
CD10900	Procurement - CD Oxygenation Trains Plant 2	2754	02-May-11 A	14-Nov-18				rocurement - CD ()								
CD81300	Procurement (Structural Rehab Train#2) - CD Oxygenation Trains Plant 2	90	17-Aug-18*	14-Nov-18	-			1 1 1 1		Train #2) - CD Oxygenatio	the state of the s					
CD80530	EPA Compliance Date for Procurement - CD Oxygenation Trains Plant 2	0	00 = 1 := :	16-Nov-18*	<u> </u>		<u></u>	PA Compliance Da	te for Procu	urement - CD Oxygenatio	Trains Plant 2		-22, Constru	uction		j
Construction	Install Miver Train#4 CD Oversestion Trains Plant 2	2629		14-Apr-22									ZZ, CONSTR	JULIOI I		: !
CD11091	Install Mixers Train#1 - CD Oxygenation Trains Plant 2	24		03-Feb-16 A	Install Mixers Train #1 - CD	Oxygenati	ion Trains Plant 2									
CD12161	Install Mixers Trains #24 - CD Oxygenation Trains Plant 2	182	· · · · · · · · · · · · · · · · · · ·	29-Feb-16 A	Install Mixers Trains #2-4	- CD Dxyg	enation Trains Plant 2				<u> </u>					
CD11280	Structural Rehab Train#3 - CD Oxygenation Trains Plant 2	113		29-Feb-16 A							Structural Rehab	rain #3 - CD (xygenation	n Trains Plan	1t 2	
CD11090	Structural Rehab Train#1 - CD Oxygenation Trains Plant 2	113		09-May-17 A	_			Structural Re	ehab Train#	#1 - CD Oxygenation Train	ns Plant 2					
CD30060	Electrical Equip. / Expand Structure - CD Oxygenation Trains Plant 2	1003	02-Feb-15 A	31-Oct-17			Electrical Equip. / Expand 9	Structure CD Ower	enation Trai	ins Plant 2		1 1	- i - i -		1 1	











	ree Schedule - June 2017 Update			Standard Layo	ut w Baseline (By Phase)								14-Ju	I-17 12:24	<u> </u>). 22 of 8
tivity ID	Activity Name	Original Duration	Start	Finish	2016 2 Q1 Q2 Q3 Q4 Q1 Q2	017 03 0	2018	I	2019 1 Q2 Q3	3 04 01	2020	2021	2022		2023	2024
Pre-Design		87	02-Feb-15 A	30-Apr-15 A	-Design	90 0	27 Q1 Q2	x0 Q7 Q	i az a	J Q1 Q1	G2 G0 G1	7 01 02 00 07	Q1 Q2 Q0	Q1 Q1 Q	- 40 47	1 41 4
CD11302	Pre-Design - CD Gravity Sludge Thickeners Plant 1	88	02-Feb-15 A	30-Apr-15 A	D. Gravity Sludge Thickeners Plant 1	<u> </u>										
Engineering Design	D : (D : D : (DDD) 0D 0 : (D T : L D L4	843		05-Oct-17	-		05-Oct-17, Engine	ering Design								
CD20960	Basis of Design Report (BODR) - CD Gravity Sludge Thickeners Plant 1	190		22-Dec-15 A	Basis of Design Report (BODR) - C	Gravity	Sludge Thickeners	Plant 1								
CD32810	BODR Design Review - CD Gravity Sludge Thickeners Plant 1	36 288		27-Jan-16 A	BODR Design Review - CD Grav				. 011 77-:	J						
CD10370 CD41080	Engineering Design - CD Gravity Sludge Thickeners Plant 1 Issue Final RDBS - CD Gravity Sludge Thickeners Plant 1	200	10-Juli-15 A	29-Mar-16 A 29-Mar-16 A		1 1	Engineering Desig	1 1	/ Sluage Inic	Keners Plant						
CD32620	Design Criteria Package Initial Submittal - CD Gravity Sludge Thickeners Plant 1	90	28-Jan-16 A	26-Apr-16 A	♦ Issue Final RDBS - CD Grav			1 1								
CD32640	DCP Design Review - CD Gravity Sludge Thickeners Plant 1	25		19-May-16 A	Design Criteria Package Ir		1 1 1	1	eners Plant 1							1 1
CD33340	Pilot Testing of Thickening Process - CD Gravity Sludge Thickeners Plant 1	298		27-Oct-16 A	DCP Design Review - CI	F .	19 1	1 1	J i .							
CD32660	Final DCP Submittal - CD Gravity Sludge Thickeners Plant 1	188		23-Nov-16 A	1 1 1 1 1 1		ing Process - CD (i i	i i	Plant1						
CD82740	EPA Start Date for Engineering Design - CD Gravity Sludge Thickeners Plant 1	0			1 : : : : :	1 1	CD Gravity Sludge		1 1	Thicken on F	Nont 1					
CD80910	EPA Compliance Date for Engineering Design - CD Gravity Sludge Thickeners Plant 1	0		05-Oct-17*	▼ EP		te for Engineering				1 1 1	m Dloot 4				
Permitting		125	29-Jan-16 A	02-Jun-16 A	V 02-Jun-16 A, Permitting	ŢŢ.	EPA Compliance I	ate tor Erigiti	eehud mesid	II CD.Gavity	.piuode inickene	us Flaul				†
CD32680	FDEP Permit - CD Gravity Sludge Thickeners Plant 1	126	29-Jan-16 A	02-Jun-16 A	FDEP Permit - CD Gravi	ity Sludbe	Thickeners Plant									
Procurement		1286	29-Mar-16 A	05-Oct-19	THE TOTAL SECTION	J. Oldogo.	THIORESIGNET HAVE			05-Oct-19	Procurement					
CD33220	RDBS Sent to Procurement - CD Gravity Sludge Thickeners Plant 1	0	29-Mar-16 A		RDBS Sent to Procurement	- CD Gravi	ty Sludge Thicken	ers Plant 1								
CD33230	Submit/Approve SBD Goals and Request to Advertise - CD Gravity Sludge Thickeners Plant 1	113	29-Mar-16 A	19-Jul-16 A	Submit/Approve SBD				vity Sludge T	hickeners Pla	nt 1					
CD33240	Advertise RDBS - CD Gravity Sludge Thickeners Plant 1	0			◆ Advertise RDB\$ - CD	1	i i i	i i								
CD33250	Request for Qualifications - CD Gravity Sludge Thickeners Plant 1	59		16-Sep-16 A	Request for Qua	1 1	1 1 1		Plant 1							
CD33260	Qualifications Package Due - CD Gravity Sludge Thickeners Plant 1	0	17-Sep-16 A		◆ Qualifications Pa	ackage Di	ue - CD Gravity Slu	dge Thickene	rs Plant 1						1 1	
CD33270	Qualification Review Period - CD Gravity Sludge Thickeners Plant 1	91	17-Sep-16 A	16-Dec-16 A	Qualificati	on Reviev	v Period - CD Grav	ty Sludge Thi	ckeners Plan	it 1						
CD33280	Shortlist Published - CD Gravity Sludge Thickeners Plant 1	0		16-Dec-16 A	◆ Shortlist P	ublished -	CD Gravity Sludge	Thickeners I	Plant 1							
CD33290	Request for Proposals - CD Gravity Sludge Thickeners Plant 1	101	24-Jan-17 A	04-May-17 A	F	Request fo	r Proposals - CD (Gravity Sludge	Thickeners I	Plant 1						
CD33300	Proposals Due - CD Gravity Sludge Thickeners Plant 1	0	05-May-17 A		♦ F	oposals	Due - CD Gravity S	ludge Thicke	ners Plant 1							
CD33310	Proposal Review Period - CD Gravity Sludge Thickeners Plant 1	49		27-Jul-17	_	Prop	osal Review Perio	I - CD Gravity	Sludge Thick	keners Plant 1						
CD33320	Award Recommendation - CD Gravity Sludge Thickeners Plant 1	0	28-Jul-17			◆ Awar	d Recommendation	n - CD Gravit	y Sludge Thic	ckeners Plant	1					
CD33330	Contract Negotiations - CD Gravity Sludge Thickeners Plant 1	55	28-Jul-17	20-Sep-17			Contract Negotiatio	ns - CD Gravit	ty \$ludge Thi	ckeners Plant	1					
CD84490	BCC Board Approval -CD Gravity Sludge Thickeners Plant 1	0		03-Oct-17*		\ \ \ \ \ \ \ \ \ \ \ \ \ \	BCC Board Approv	al- <mark>CDGnavit</mark>	y Siludge Thio	keners Plant	1					
CD10730	Procurement - CD Gravity Sludge Thickeners Plant 1	581	29-Mar-16 A	30-Oct-17		i			1 1	Procurem	ent - CD Gravity S	Sludge Thickeners Plant 1				
CD33360	Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Gravity Sludge Thickeners Plant 1	40		30-Oct-17		<u> </u>	Final Approvals (BC¢, Mayor, F	Risk Mgmt.)-	- CD Gravity SI	udge Thickeners	Plant 1				
CD82760	EPA Start Date for Procurement - CD Gravity Sludge Thickeners Plant 1	0	06-Oct-18*					EPA Sta	art Date for Pi	rocure ment - C	D Gravity Sludge	Thickeners Plant 1				
CD80930	EPA Compliance Date for Procurement - CD Gravity Sludge Thickeners Plant 1	0		05-Oct-19*		<u> </u>		<u> </u>	<u></u>		pliance Date for I	Procurement - CD Gravity S 23-Apr-21, Des	ludge Thickeners Pla	ant.1		
De sign-Buil d		1271	31-Oct-17	23-Apr-21		▼						23-Apr-21, Des	ign-Build			
CD33350	Design-Builder NTP - CD Gravity Sludge Thickeners Plant 1	0	31-Oct-17			•	Design-Builder N	TP - CD Gravi	ity Sludge Th	ickeners Plan	ili i					
CD32690	Final Engineering by Design-Builder - CD Gravity Sludge Thickeners Plant 1	330		25-Sep-18	-	1		Final En	ngineering by	Design-Builde	er - CD Gravity Slu	udge Thickeners Plant 1				
CD32700	AHJ Permit Review - CD Gravity Sludge Thickeners Plant 1	180		24-Nov-18				AH,	J Permit Revi	ew - CD Gravi	ty Sludge Thicken	ners Plant 1				
CD82770	EPA Start Date for Construction - CD Gravity Sludge Thickeners Plant 1	0	06-Oct-19*		-					EPA Stan	Date for Construc	ction - CD Gravity Sludge T				
CD84760	Design-Builder Contract Duration - CD Gravity Sludge Thickeners Plant 1	818		26-Jan-20	-		1 1		+ +				Contract Duration - C	1 71	7	s Plant 1
CD10950	Construction - CD Gravity Sludge Thickeners Plant 1	600	06-Jun-18	26-Jan-20	_					—		Construction -	CD Gravity Sludge Th	nickeners Plan	t 1	
CD11160	Substantial Completion (CD Compliance Date 4/23/21) - CD Gravity Sludge Thickeners Plant 1	0	07.1.00	26-Jan-20*	1					♦ s	1 1 1	etion (CD Compliance Date	1 1 1	y Sludge Thic	kehers Plant 1	
CD40100	Project Closeout - CD Gravity Sludge Thickeners Plant 1	90	27-Jan-20	25-Apr-20*	-						Project Close	eout - CD Gravity Sludge Th	ickeners Plant 1			
CD80940	EPA Compliance Date for Construction - CD Gravity Sludge Thickeners Plant 1	1776	16 Jun 15 A	23-Apr-21*		<u> </u>					25-Anr-20 Pr	EPA Complian	ce Date for Construct	tion - CD Gravi	ty Sludge Thic	keners Pl
Project Administration CD34050	WASD Project Administration - CD Gravity Sludge Thickeners Plant 1	1776 1776		25-Apr-20 25-Apr-20	-			i i			1 1 1	1 1 1 1				
	Thickeners Plant 2	2146		25-Apr-20							WASD Project25-Apr-20, 2.	ct Administration - CD Grav 13 Gravity Sludge Thicken	ity Sludge Thickener ers Plant 2	s Plant 1		++
	THICKEHEIS FIGHT 2	58		31-Mar-15 A	Design	ļ										
Pre-Design CD21080	Negotiate/Award Balance of Design - CD Gravity Sludge Thickeners Plant 2	59		31-Mar-15 A	- 1 : : : :											
Engineering Design	Hogolitics was balance of beergiff ob davity drauge minkened framez	896		23-Nov-16 A	Balance of Design - CD Gravity Sluc 23-Nov-16 A	dge Thicke Enginee	eners Plant 2 ring Design				 					+
CD21020	Complete Technical Memorandum - CD Gravity Sludge Thickeners Plant 2	235		31-Jan-15 A	1 : : : : :											
CD82780	EPA Start Date for Engineering Design - CD Gravity Sludge Thickeners Plant 2	0	01-Oct-15 A		Memorandum - CD Gravity Sludge T	i i	i i i	- Di+0								
CD21730	Basis of Design Report (BODR) - CD Gravity Sludge Thickeners Plant 2	236		22-Dec-15 A	Start Date for Engineering Design -	1										
CD21740	BODR Design Review - CD Gravity Sludge Thickeners Plant 2	36		27-Jan-16 A	Basis of Design Report (BODR) - C	1.7	1 1 1	i i								
CD10510	Engineering Design - CD Gravity Sludge Thickeners Plant 2	658		29-Mar-16 A	BODR Design Review - CD Grav Engineering Design											
CD41070	Issue Final RDBS - CD Gravity Sludge Thickeners Plant 2	0		29-Mar-16 A		1 1	* *	1 1								
CD30160	Design Criteria Package Initial Submittal - CD Gravity Sludge Thickeners Plant 2	90	28-Jan-16 A	26-Apr-16 A	ssue Final RDBS - CD Grav Design Criteria Package Ir	1	i i i	i i	nden Dielet 2							
CD30190	DCP Design Review - CD Gravity Sludge Thickeners Plant 2	23	27-Apr-16 A	19-May-16 A	1 : : : : :	1 1			eners Plant 2							
CD80950	EPA Compliance Date for Engineering Design - CD Gravity Sludge Thickeners Plant 2	0		22-Jul-16 A	DCP Design Review - CI				Idde Thicker	ers Plant 2						
CD33370	Pilot Testing of Thickening Process - CD Gravity Sludge Thickeners Plant 2	298	04-Jan-16 A	27-Oct-16 A	◆ EPA Compliance Da	1 1	- 1 1 1	- 1 1	- 1	i i						
CD30200	Final DCP Submittal - CD Gravity Sludge Thickeners Plant 2	188		23-Nov-16 A	Final DCD 6	inicken	ing Process - CD (Thickonor !	Plant 2	i idailt Z						
Permitting	· · ·	125		02-Jun-16 A	Final DCP S	эдопицаг :	יביז אוואפובי איבי	. mickeners. I			·					1
CD30230	FDEP Permit - CD Gravity Sludge Thickeners Plant 2	126		02-Jun-16 A				, ,								
Procurement		738	29-Mar-16 A	05-Apr-18	FDEP Permit - CD Gravi	- v muye.	05-Ap	-18, Procurer	rent		Ţ <u> </u>					7
CD33380	RDBS Sent to Procurement - CD Gravity Sludge Thickeners Plant 2	0	29-Mar-16 A		RDBS Sent to Procurement	- CD Gravi	tv Sludae Thicken	ers Plant 2								
CD33390	Submit/Approve SBD Goals and Request to Advertise - CD Gravity Studge Thickeners Plant 2	113	29-Mar-16 A	19-Jul-16 A	Submit/Approve SBD	1 :	1 1 1		vity Studne T	hickeners Pla	nt 2					
CD33400	Advertise RDBS - CD Gravity Sludge Thickeners Plant 2	0	20-Jul-16 A		◆ Advertise RDB\$ - CD	1		1 1	, Gradge I		77-					
CD33410	Request for Qualifications - CD Gravity Sludge Thickeners Plant 2	59	20-Jul-16 A	16-Sep-16 A	Request for Qua	- T	1 1 1	i i	Plant 2							
	Qualifications Package Due - CD Gravity Sludge Thickeners Plant 2	0			- Nequestiol Qua	THI COLIUMS	OD Gravity Sidus	in inneveriers	i idin Z	1 1	1 1 1			1 1	1 1	1 1

WASD Consent Decr	ree Schedule - June 2017 Update		(Standard Layo	ut w Baseline (By Phase)											14-Ju	ul-17 1	12:24 -	· Page	No. 2	3 of 80
ctivity ID	Activity Name	Original Duration	Start	Finish		2017	2018	201		2020		20.			202				2023		2024
CD33430	Qualification Review Period - CD Gravity Sludge Thickeners Plant 2	91	17-Sep-16 A	16-Dec-16 A	Q1 Q2 Q3 Q4 Q1 Q2	1 :		! ! !		Q1 Q2 C	13 Q4 Q	1 Q2	Q3 Q4	Q1	Q2	Q3 (Q4 C	1 Q2	Q3	Q4 C	Q1 Q2
CD33440	Shortlist Published - CD Gravity Sludge Thickeners Plant 2	0	17-Sep-10 A	16-Dec-16 A			w Period - CD Gravity Sludge	1 1 1	ant 2												
CD82800	EPA Start Date for Procurement - CD Gravity Sludge Thickeners Plant 2	0	06-Apr-17 A				- CD Gravity Sludge Thicken	1 1 1	akadam Dib	-t 2											
CD33450	Request for Proposals - CD Gravity Sludge Thickeners Plant 2	101	24-Jan-17 A	04-May-17 A			ate for Produiement - CD Grav or Proposals - CD Gravity Slu	1 1 1	1 1	nt 2											
CD33460	Proposals Due - CD Gravity Sludge Thickeners Plant 2	0	05-May-17 A	-		1	Due - CD Gravity Sludge Thi	1 1 1	i i				-			: 1					
CD33470	Proposal Review Period - CD Gravity Sludge Thickeners Plant 2	49	05-May-17 A	26-Jul-17	i i i i i		osal Review Period - CD Gra	1 1 1	1 1	int 2											
CD33480	Award Recommendation - CD Gravity Sludge Thickeners Plant 2	0	27-Jul-17				rd Recommendation - CD Gr	1 1 1	1 1	1 1			į								
CD33490	Contract Negotiations - CD Gravity Sludge Thickeners Plant 2	55	27-Jul-17	19-Sep-17		- i	Contract Negotiations - CD G	i i i	i i	i i				-		. !					
CD84500	BCC Board Approval -CD Gravity Sludge Thickeners Plant 2	0		03-Oct-17*			BCC Board Approval - CD Gr	1 1 1	1 1				1								
CD10860	Procurement - CD Gravity Sludge Thickeners Plant 2	581	29-Mar-16 A	30-Oct-17			Procurement - C														
CD33500	Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Gravity Sludge Thickeners Plant 2	40	21-Sep-17	30-Oct-17		<u> </u>	Final Approvals (BCC, May	yor, Risk Mamt	.) - CD Gravi	ty Sludge Thic	keners Plant	2	į			: !					
CD80970	EPA Compliance Date for Procurement - CD Gravity Sludge Thickeners Plant 2	0		05-Apr-18*			◆ EPA Complianc	e Date for Pro	urement - C	D. Gravity Sluc	ge Thickener	s Plant 2			ļi				4		
Design-Build	D. C. D. H. MTD. OD O. H. OL. I. T. L. D. LO	908	31-Oct-17	25-Apr-20		'	'			25-A	or-zu, Design-	Bulla									
CD33510	Design-Builder NTP - CD Gravity Sludge Thickeners Plant 2	0	31-Oct-17			•	Design-Builder NTP - CD C	Gravity Sludge	Thickeners	Plant 2			- 1			: I					
CD82810 CD30240	EPA Start Date for Construction - CD Gravity Sludge Thickeners Plant 2 Final Engineering by Design-Builder - CD Gravity Sludge Thickeners Plant 2	330	06-Apr-18* 31-Oct-17	25-Sep-18			◆ EPA Start Date f	1 1 1	1 1	1 1 1 1	1 1	1 1									
CD30250	AHJ Permit Review - CD Gravity Sludge Thickeners Plant 2	180	29-May-18	24-Nov-18			i i i i	al Engineering	1 1	1 1	1 1	1 1	s Plant 2			: i					
CD80980	EPA Compliance Date for Construction - CD Gravity Sludge Thickeners Plant 2	100	29-Way-10	23-Oct-19*				AHJ Permit R	!!!	1 1	1 1	1 1									
CD84770	Design-Builder Contract Duration - CD Gravity Sludge Thickeners Plant 2	818	31-Oct-17	26-Jan-20				1 1 1	DEP/	Compliance	Date for Cons der Contract										
CD11040	Construction - CD Gravity Sludge Thickeners Plant 2	600	06-Jun-18	26-Jan-20					<u> </u>	- ; - ;	n - CD Gravit	i i	i i	1	i i	COLCIS F	iançz				
CD11200	Substantial Completion (CD Compliance Date 10/23/19) - CD Gravity Sludge Thickeners Plant 2	0		26-Jan-20*				1 1 1	1 1	•			1	- 1	1 1	000				31(
CD40110	Project Closeout - CD Gravity Sludge Thickeners Plant 2	90	27-Jan-20	25-Apr-20*						Substantial	1 1						vity Sluc	.ge; Inick	eners P	rant 2	
Project Administration	, , , , , , , , , , , , , , , , , , , ,	1822	01-May-15 A	25-Apr-20	<u> </u>	+				25-Ap	ct Closeout - or-20, Project	الاتعالى لبات Administ	v. Siuage T ation	nicken	ars_Pla	10.2			1		
CD34060	WASD Project Administration - CD Gravity Sludge Thickeners Plant 2	1822	01-May-15 A	25-Apr-20							D. Project Adn	ninietratik	ın - CD Gr	avlity Slu	idae Tr	hickene	re Plant	2			
2.14 Digesters Plan	nt 1	3126	13-Oct-16 A	19-Jan-26	V .	:			! !		L FILITEGE AUT	i	113.00.018	WITA -OIT	uqe. 111	il CKEI EL	S T-IGUIL	:	1 1	1	
2.14.1 Cluster 1		2536	10-Jul-17	18-Jun-24		-		! ! !											1		
Pre-Design		150	10-Jul-17	06-Dec-17		- 	06-Dec-17, Pre-Design	·						1					1		
CD84520	Respond to EPA re. Project Repurposing - CD Digesters Plant 1 Cluster 1	0	10-Jul-17*			Resp	ond to EPA re. Project Repur	rosina - CD Di	gesters Plan	nt 1 Cluster 1											
CD11312	Pre-Design - CD Digesters Plant 1 Cluster 1	150	10-Jul-17*	06-Dec-17		Tropp	Pre-Design - CD Digeste	7 7 1							1	i			11		
Engineering De sign		1064	07-Dec-17	04-Nov-20			V		1	1 1	▼ 04-No	ov-20, En	ineering D	esign							
CD21320	Basis of Design Report (BODR) - CD Digesters Plant 1 Cluster 1	60	07-Dec-17	04-Feb-18			Basis of Design Re	port (BODR) -	D Digester	Plant 1 Clus	er1										
CD21330	30% Design Submittal - CD Digesters Plant 1 Cluster 1	90	05-Feb-18	05-May-18			30% Design S	Submittal - CD	Digesters P	lant 1 Cluster	1		-								
CD21340	30% Design Review - CD Digesters Plant 1 Cluster 1	14	06-May-18	19-May-18			■ 30% Design	Review - CD	igesters Pla	ant 1 Cluster 1			1			1					
CD21350	60% Design Submittal - CD Digesters Plant 1 Cluster 1	110	20-May-18	06-Sep-18			60%	Design Submi	ttal - CD Dic	esters Plant 1	Cluster 1		- 1								
CD21360	60% Design Review - CD Digesters Plant 1 Cluster 1	14	07-Sep-18	20-Sep-18			□ 60%	Design Revie	w - CD Dige	sters Plant 1 (luster 1		-								
CD21370	100% Design Submittal - CD Digesters Plant 1 Cluster 1	80	21-Sep-18	09-Dec-18				100% Design	Submittal -	CD Digesters			1								
CD11260	Engineering Design - CD Digesters Plant 1 Cluster 1	398	07-Dec-17	08-Jan-19							Engir	eering D	esign - CD	Digest	ers Plar	nt 1 Clu	ıster 1			i	
CD40390	100% Design Review/Permit Ready Submittal - CD Digesters Plant 1 Cluster 1	30	10-Dec-18	08-Jan-19				100% Desi	gn Review/F	100		1		1	1 1						
CD82820	EPA Start Date for Engineering Design - CD Digesters Plant 1 Cluster 1	0	01-May-20*	04 Nov. 00*						◆ EPA	Start Date for	Engineer	ng Design	I CD D	igester	rs Plant	.1 Clust	er 1			
CD80990	EPA Compliance Date for Engineering Design - CD Digesters Plant 1 Cluster 1	1031	09-Jan-19	04-Nov-20* 04-Nov-21				. <u>ii.</u>	<u>ii</u>	<u>ii</u>		Complian	ce Date for	r Engine	ering F	Design -	- CD Dir	resters F	lant_1_C	Luster 1.	
Permitting CD11310	Permitting - CD Digesters Plant 1 Cluster 1	180	09-Jan-19 09-Jan-19	07-Jul-19											: :	: :					
CD82830	EPA Start Date for Permitting - CD Digesters Plant 1 Cluster 1	0	05-Nov-20*	07 041 10							<u> </u>	_		- 1			- 1	int 1 Clus	terr		
CD81000	EPA Compliance Date for Permitting - CD Digesters Plant 1 Cluster 1	0		04-Nov-21*							◆ EPA S	Start Date	for Permitt	- 1	i i		- 1	- 1			
Procurement		1396	09-Jan-19	04-Nov-22						·i				=PA_Co	mplian	ce Date	▼ 04-N	nutling - ov-22, Pr	cocurem rocurem	esters_H.	ant 1 Clu
CD84190	GMOU submittal and approval - CD Digesters Plant 1 Cluster 1	20	09-Jan-19	28-Jan-19				☐ GMOU su	hmittal and	annmual CD	Digesters Pla	nt 1 Clue	tor 1				i				
CD84050	Internal Bid Package Review - CD Digesters Plant 1 Cluster 1	3	08-Jul-19	10-Jul-19				1 1 1	1 1	appiovai - CD I Package Re	73	1 1	1	er 1		:					
CD31680	Design Documents Sent to Procurement - CD Digesters Plant 1 Cluster 1	0	11-Jul-19					i i i	i i	cuments Sent	1 1 -	i i	i	i	luster	(1	-				
CD31690	Submit/Approve SBD Goals and Request to Advertise - CD Digesters Plant 1 Cluster 1	60	11-Jul-19	08-Sep-19				1 1 1	1 1	t/Approve SBD		1 1	- 1	- 1	: :	: :	1 Clust	er 1			
CD31700	Advertise Bid Package - CD Digesters Plant 1 Cluster 1	0	09-Sep-19						1 1	se Bid Packa	1 1	1 1		1	,551012		. 514310				
CD31710	Bid Solicitation Period - CD Digesters Plant 1 Cluster 1	60	09-Sep-19	07-Nov-19						d Solicitation F	1 1			1							
CD31720	Bids Due - CD Digesters Plant 1 Cluster 1	0	08-Nov-19						1 1	ds Due - CD D	1 1	** !	1				-		1 1		
CD31730	Bid Review Period - CD Digesters Plant 1 Cluster 1	30	08-Nov-19	07-Dec-19					i i	Bid Review Pe	i i	i i	i	er 1		: :					
CD31740	Award Recommendation - CD Digesters Plant 1 Cluster 1	0		07-Dec-19					1 1	Award Recom			!	1	1		_ :				
CD11430	Procurement - CD Digesters Plant 1 Cluster 1	270	11-Jul-19	05-Apr-20				-	1				- -				Proc	urement	CD Di	gesters F	Plant 1 Cl
CD31750	Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Digesters Plant 1 Cluster 1	120	08-Dec-19	05-Apr-20					i	Final A	porovals (BC	C, Mayor	Risk Mgm	ıt.) - C□	Diges	ters Pla	ant 1 Clu	ster 1			
CD82840	EPA Start Date for Procurement - CD Digesters Plant 1 Cluster 1	0	05-Nov-21*										!	1	1 1	1 1		nt - CD D) iaester	s Plant 1	Cluster1
CD81010	EPA Compliance Date for Procurement - CD Digesters Plant 1 Cluster 1	0		04-Nov-22*	l	4		.ļļi.		<u>li.</u> .	<u>ii</u>	<u>. i i</u>	<u></u>		<u>ii</u>	i i	i	Complia	i i	i	1
Construction		1535	06-Apr-20	18-Jun-24																	
CD11538	Contractor Notice to Proceed (NTP) - CD Digesters Plant 1 Cluster 1	0	06-Apr-20	40.1: 0:						♦ Contra	ctor Notice to	Proceed	(NTP) - CC) Diges	ters Pla	ant 1 Çlı	u <u>ster 1</u>				
CD11540	Construction - CD Digesters Plant 1 Cluster 1	592	06-Apr-20	18-Nov-21							+ +	•	—				-				
CD11620	Substantial Completion (CD Compliance Date 6/18/24) - CD Digesters Plant 1 Cluster 1	0	40.11	18-Nov-21*									•	\$ubsta	intial C	om pleti	ion (¢D	Complia	ince Da	te 6/18/2	4) - CD D
CD40120	Project Closeout - CD Digesters Plant 1 Cluster 1	90	19-Nov-21	16-Feb-22*											Project	Closeo	ut - ¢D	Digesters	s Plant	1 Cluste	1
CD82850	EPA Start Date for Construction - CD Digesters Plant 1 Cluster 1	0	05-Nov-22*	40.1.000													◆ EPA	Start Dat	e for Cc	nstru¢tic	on - CD Di
CD81020	EPA Compliance Date for Construction - CD Digesters Plant 1 Cluster 1	0	07.5	18-Jun-24*		4		<u> </u>	<u> </u>	<u>ll</u>	<u>ii.</u>	<u> </u>	<u></u>	<u></u> .	16-Feb	-22 Pm	iect Adv	ninistratio	ion		
Project Administration		1533	07-Dec-17	16-Feb-22			·	1 1	1 1				1	-	10-1 GD	ال ال	COLAMI	jouall	411		
CD34070	WASD Project Administration - CD Digesters Plant 1 Cluster 1	1533	07-Dec-17	16-Feb-22			1 1 1 1	1 1	1 1	1 1	1 1	- 1		- 1	1 1						lant 1.Clu

	ree Schedule - June 2017 Update	1 0		ut w Baseline (By Phase)	2010	14-Jul-17 12:24 - Page No. 24 of 8
ivity ID	Activity Name	Original Start Duration	Finish	2016 20 Q1 Q2 Q3 Q4 Q1 Q2		2020 2021 2022 2023 2024 12 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2
Pre-Design		150 05-Jan-18	03-Jun-18		▼ 03-Jun-18, Pre-Design	
CD11322	Pre-Design - CD Digesters Plant 1 Cluster 2	150 05-Jan-18*	03-Jun-18	_	Pre-Design - CD Digesters Plant 1 Cluster 2	<u>_i</u>
Engineering Design	Pagin of Degins Deport (PODD) CD Discotors Plant 4 Cluster 2	1464 04-Jun-18	06-Jun-22		Y	▼ 06-Juh-22, Engineering Design
CD21380 CD21390	Basis of Design Report (BODR) - CD Digesters Plant 1 Cluster 2	60 04-Jun-18	02-Aug-18 31-Oct-18	-	Basis of Design Report (BODR) - CD Diges	
CD21390 CD21400	30% Design Submittal - CD Digesters Plant 1 Cluster 2 30% Design Review - CD Digesters Plant 1 Cluster 2	90 03-Aug-18 14 01-Nov-18	14-Nov-18	-	30% Design Submittal - CD Digester	
CD21400 CD21410	60% Design Submittal - CD Digesters Plant 1 Cluster 2	110 15-Nov-18		-	30% Design Review - CD Digesters	
CD21420	60% Design Review - CD Digesters Plant 1 Cluster 2	14 05-Mar-19	18-Mar-19		60% Design Submittal - CD	
CD21430	100% Design Submittal - CD Digesters Plant 1 Cluster 2	80 19-Mar-19	06-Jun-19		60% Design Review - CD D	
CD11440	Engineering Design - CD Digesters Plant 1 Cluster 2	398 04-Jun-18	06-Jul-19	1	100% Design Submitt	tal - CD Digesters Plant 1 Cluster 2 Engineering Design - CD Digesters Plant 1 Clu
CD40400	100% Design Review/Permit Ready Submittal - CD Digesters Plant 1 Cluster 2	30 07-Jun-19	06-Jul-19	1	□ 100% Design Revie	ew/Permit Ready Submittal + CD Digesters Plant 1 Cluster 2
CD82860	EPA Start Date for Engineering Design - CD Digesters Plant 1 Cluster 2	0 01-Dec-21*		1	100% Design Revie	◆ EPA Start Date for Engineering Design - CD; Digesters Plan
CD81030	EPA Compliance Date for Engineering Design - CD Digesters Plant 1 Cluster 2	0	06-Jun-22*			◆ EPA Compliance Date for Engineering Design = 0.5 pegineering Design
Permitting		1431 07-Jul-19	06-Jun-23		 	
CD11470	Permitting - CD Digesters Plant 1 Cluster 2	180 07-Jul-19	02-Jan-20			Permitting - CD Diges
CD82870	EPA Start Date for Permitting - CD Digesters Plant 1 Cluster 2	0 07-Jun-22*				◆ EPA Start Date for Permitting - CD Digesters P
CD81040	EPA Compliance Date for Permitting - CD Digesters Plant 1 Cluster 2	0	06-Jun-23*	_	- 	◆ EPA Compliance Dat
Procurement	OMOUL subscribed and account OD Discretes Plant 4 Olystes O	1796 07-Jul-19	05-Jun-24		· · · · · · · · · · · · · · · · · · ·	
CD84200 CD84060	GMOU submittal and approval - CD Digesters Plant 1 Cluster 2	20 07-Jul-19 3 03-Jan-20	26-Jul-19 05-Jan-20	1		and approval - CD Digesters Plant 1 Cluster 2
	Internal Bid Package Review - CD Digesters Plant 1 Cluster 2	0 06-Jan-20	U5-Jan-20	1		Bid Package Review - CD Digesters Plant 1 Cluster 2
CD31760 CD31770	Design Documents Sent to Procurement - CD Digesters Plant 1 Cluster 2	60 06-Jan-20	05-Mar-20	1		Documents Sent to Procurement - CD Digesters Plant 1 Cluster 2
CD31770 CD31780	Submit/Approve SBD Goals and Request to Advertise - CD Digesters Plant 1 Cluster 2 Advertise Bid Package - CD Digesters Plant 1 Cluster 2	0 06-Mar-20	US-IVIAI-2U	1		bmit/Approve SBD Goals and Request to Advertise - CD Digesters Plant 1 Cluster 2
CD31780	Bid Solicitation Period - CD Digesters Plant 1 Cluster 2	60 06-Mar-20	04-May-20	1		vertise Bid Package - CD Digesters Plant 1 Cluster 2
CD31730	Bids Due - CD Digesters Plant 1 Cluster 2	0 05-May-20		1		Bid Solicitation Period - CD Digesters Plant 1 Cluster 2
CD31810	Bid Review Period - CD Digesters Plant 1 Cluster 2	30 05-May-20	03-Jun-20	-		Bids Due - CD Digesters Plant 1 Cluster 2
CD31820	Award Recommendation - CD Digesters Plant 1 Cluster 2	0	03-Jun-20			Bid Review Period - CD Digesters Plant 1 Gluster 2
CD11550	Procurement - CD Digesters Plant 1 Cluster 2	270 06-Jan-20	01-Oct-20	1		♦ Award Recommendation - CD Digesters Plant 1 Cluster 2
CD31830	Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Digesters Plant 1 Cluster 2	120 04-Jun-20	01-Oct-20	1		5-14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
CD82880	EPA Start Date for Procurement - CD Digesters Plant 1 Cluster 2	0 07-Jun-23*				Final Approvals (BCC, Mayor, Risk Mgmt.) - CD/Digesters Plant 1 Cluster 2
CD81050	EPA Compliance Date for Procurement - CD Digesters Plant 1 Cluster 2	0	05-Jun-24*			◆ EPA Start Date for Pro
Construction	<u>-</u>	3126 13-Oct-16 A	19-Jan-26	*		
CD84800	Construction - CD Digesters Plant 1 Covers Demolition	365 13-Oct-16 A	31-Dec-17			
CD11608	Contractor Notice to Proceed (NTP) - CD Digesters Plant 1 Cluster 2	0 02-Oct-20				◆ Contractor Notice to Proceed (NTP) - CD Digesters Plant 1 Cluster 2
CD11610	Construction - CD Digesters Plant 1 Cluster 2	593 02-Oct-20	17-May-22			
CD11680	Substantial Completion (CD Compliance Date 1/19/26) - CD Digesters Plant 1 Cluster 2	0	17-May-22*			◆ Substantial Completion (CD Compliance Date 1
CD40130	Project Closeout - CD Digesters Plant 1 Cluster 2	90 18-May-22	15-Aug-22*			Project Closeout - CD Digesters Plant 1 C
CD82890	EPA Start Date for Construction - CD Digesters Plant 1 Cluster 2	0 06-Jun-24*				
CD81060	EPA Compliance Date for Construction - CD Digesters Plant 1 Cluster 2	0	19-Jan-26*	_		15-Aug-22, Project Administration
Project Administration	WARD Desired Administration CD Discrete Plant 4 Charter 0	1534 04-Jun-18	15-Aug-22			
CD34080	WASD Project Administration - CD Digesters Plant 1 Cluster 2	1534 04-Jun-18	15-Aug-22			
2.15 Digesters Plan	rt 2	3048 11-Jun-14 A				▼ 19-Aug-22, 2,15.1 Cluster 1
2.15.1 Cluster 1		2992 11-Jun-14 A		Oct-15 A, Engineering Design		▼ 13-mug-22, 2:13.1 Gluster 1
Engineering Design CD82900	EPA Start Date for Engineering Design - CD Digesters Plant 2 Cluster 1	505 11-Jun-14 A				
CD82900 CD21750	30% Design and Final BODR Submittal - CD Digesters Plant 2 Cluster 1	314 11-Jun-14 A		n - CD Digesters Plant 2 Cluster 1		
CD21760	30% Design Review - CD Digesters Plant 2 Cluster 1	4 20-Apr-15 A	· ·	Final BODR Submittal - CD Digest	lant 2 Cluster 1	
CD20130	NTP for Remaining Design - CD Digesters Plant 2 Cluster 1	0 27-Apr-15A	·	view + CD Digesters Plant 2 Cluster		
CD20170	60% Design Submittal - CD Digesters Plant 2 Cluster 1	114 23-Apr-15 A		hing Design - CD Digesters Plant 2 (
CD20180	60% Design Review - CD Digesters Plant 2 Cluster 1	13 14-Aug-15 A		sign Submittal - CD Digesters Plant		
CD20190	100% Design Submittal - CD Digesters Plant 2 Cluster 1	34 27-Aug-15 A		esign Review - CD Digesters Plant 2 Design Submittal - CD Digesters F		
CD10030	Engineering Design - CD Digesters Plant 2 Cluster 1	475 11-Jun-14 A		gineering Design - CD Digesters Pla		
CD81070	EPA Compliance Date for Engineering Design - CD Digesters Plant 2 Cluster 1	0	29-Oct-15 A	1 1 1 1 1 1		
Permitting		329 30-Sep-15 A	24-Aug-16 A	24-Aug-16 A Perm	gn - CD Digesters Plant 2 Cluster 1.	
CD82910	EPA Start Date for Permitting - CD Digesters Plant 2 Cluster 1**	0 30-Sep-15 A	4	Start Date for Permitting - CD Diges	Plant 2 Cluster 1**	
CD80100	FDEP Permit - CD Digesters Plant 2 Cluster 1	169 30-Sep-15 A	16-Mar-16 A	FDEP Permit - CD Digesters		
CD81080	EPA Compliance Date for Permitting - CD Digesters Plant 2 Cluster 1**	0	27-Mar-16 A	◆ EPA Compliance Date for Pe	ng - CD Digesters Plant 2 Cluster 1**	
CD10110	Permitting - CD Digesters Plant 2 Cluster 1	330 30-Sep-15 A		Permitting - CD Di		
CD80110	City of Miami Building Permit - CD Digesters Plant 2 Cluster 1	234 04-Jan-16 A		City_of Miami Buile	Pelmit - CD Digesters Plant 2 Cluster 1.	
Procurement		870 14-Aug-14 A		31-Dec-1	rocurement	
CD12171	Owner Pre-Purchase Digester Cover (1) - CD Digesters Plant 2 Cluster 1	222 14-Aug-14 A		se Digester Cover (1) - CD Digesters	nt 2 Cluster 1	
CD82920	EPA Start Date for Procurement - CD Digesters Plant 2 Cluster 1	0 28-Mar-16 A		◆ EPA Start Date for Procure me	CD Digesters Plant 2 Cluster 1	
CD30610	Design Documents Sent to Procurement - CD Digesters Plant 2 Cluster 1	0 27-Apr-16 A		◆ Design Documents \$ent to	curement - CD Digesters Plant 2 Cluster 1	
CD30620	Submit/Approve SBD Goals and Request to Advertise - CD Digesters Plant 2 Cluster 1	72 27-Apr-16 A		Submit/Approve SBD	s and Request to Advertise - CD Digesters Plant 2 Quister 1	
CD30630	Advertise Bid Package - CD Digesters Plant 2 Cluster 1	0 08-Jul-16 A		♦ Advertise Bid Packag	Digesters Plant 2 Cluster 1	
CD30640	Bid Solicitation Period - CD Digesters Plant 2 Cluster 1	46 08-Jul-16 A		Bid Solicitation Pe	CD Digesters Plant 2 Cluster 1	
0000000	Bids Due - CD Digesters Plant 2 Cluster 1	0 23-Aug-16 A	A	I have blue ob but	Dignt 2 Cluster 1	
CD30650 CD30660	Bid Review Period - CD Digesters Plant 2 Cluster 1	58 23-Aug-16 A		♦ Bids Due - CD Dig	S Flant & Cluster I	

	ree Schedule - June 2017 Update	1 2			out w Baseline (By Phase)	2017	0010			2010		20	0004	14-Jul-17 12:24 - Page No. 25 of
tivity ID	Activity Name	Original Duration	Start	Finish		2017 2 Q3	Q4 Q1 Q2 (2019 2 Q3 Q4	Q1 Q2		2021 Q1 Q2 Q3 Q4	2022 2023 202 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1
CD30670	Award Recommendation - CD Digesters Plant 2 Cluster 1	0		19-Oct-16 A	7 ! ! ! ! !		ion - CD Didesters P	- ; - ;		- 40 41	Q. Q.	40 41	2. 2. 2.	4. 42 40 4. 4. 42 40 4. 4.
CD10120	Procurement - CD Digesters Plant 2 Cluster 1	181	27-Apr-16 A	24-Oct-16 A			Digesters Plant 2 (i i			
CD30680	Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Digesters Plant 2 Cluster 1	5	20-Oct-16 A	24-Oct-16 A	I Final Andro val	ls (BCC	Mayor, Risk Mgmt.)	- CD Diges	; sters Plan	t 2 Cluster 1				
CD81090	EPA Compliance Date for Procurement - CD Digesters Plant 2 Cluster 1	0		31-Dec-16 A			Date for Procureme	1 1			<u> </u>			
Construction		2707	23-Mar-15 A	19-Aug-22			1 1							9-Aug-22, Construction
CD30260	Construction of Digester Cover (1) - CD Digesters Plant 2 Cluster 1	217	23-Mar-15 A	25-Oct-15 A	nstruction of Digester Cover (1) - CD	Digest	ers Plant 2 Cluster 1							
CD82930	EPA Start Date for Construction - CD Digesters Plant 2 Cluster 1	0	24-Sep-16 A				truction - CD Digeste	ers Plant 2 (Cluster1					
CD10378	Contractor Notice to Proceed (NTP) - CD Digesters Plant 2 Cluster 1	0	31-Oct-16 A		◆ Contractor No	otice to	Proceed (NTP) - CD [igesters Pl	lant 2 Clu	ster 1				
CD10380	Construction - CD Digesters Plant 2 Cluster 1	1128	23-Mar-15 A	23-Apr-18				1 1	- 1	1 1	1 1	1 1		Construction - CD Digesters Plant 2 Cl
CD40810	Construction (Remaining Scope) - CD Digesters Plant 2 Cluster 1	540	31-Oct-16 A	23-Apr-18			Cons	truction (Re	emaining	Scope) - CD E	; Digesters Pla	nt 2 Cluster 1		
CD10770	Substantial Completion (CD Compliance Date 8/19/22) - CD Digesters Plant 2 Cluster 1	0		23-Apr-18*			♦ Subs	tantial Con	npletion (0	CD Compliand	e Date 8/19/	22) - CD Dige	sters Plant 2 Cluster 1	
CD40140	Project Closeout - CD Digesters Plant 2 Cluster 1	70	24-Apr-18	02-Jul-18*				Project Clo	seout - CI	D Digesters Pl	ant 2 Cluster	1		
CD81100	EPA Compliance Date for Construction - CD Digesters Plant 2 Cluster 1	0		19-Aug-22*							<u> </u>			◆ EPA Compliance Date for Construction
Project Administration		1483	11-Jun-14 A	02-Jul-18				02-Jul-18, F	Project Ad	ministration				
CD34090	WASD Project Administration - CD Digesters Plant 2 Cluster 1	1483	11-Jun-14 A	02-Jul-18		ì		WASD Proj	ject Admir	nistration - CD	Digesters Pl	ant 2 Cluster	1	
2.15.2 Cluster 2		2772		21-Jul-22							ļ			21-Jul-22, 2.15/2 Cluster 2
Pre-Design		495		27-Apr-16 A	27-Apr-16 A, Pre-Design									
CD12181	Pre-Design - CD Digesters Plant 2 Cluster 2	137	19-Dec-14 A	04-May-15 A	D Digesters Plant 2 Cluster 2									
CD41120	Negotiate Scope & Fee for Balance of Design - CD Digesters Plant 2 Cluster 2	167	13-Nov-15 A	27-Apr-16 A	Negotiate Scope & Fee for	r Balanc	e of Design - CD Dic	esters Plar	nt 2 Cluste	er 2	Program.			<u>.iiiiiiii</u>
Engineering Design	Desir of Desire Desert (DODD), OD Direct of Division in Children	1314		07-Dec-18					ບ7-Dec-18 ¦	, Engineering	pesign -			
CD20200	Basis of Design Report (BODR) - CD Digesters Plant 2 Cluster 2	100		12-Aug-15 A	Design Report (BODR) - CD Digest	ters Pla	nt 2 Cluster 2							
CD20210	BODR Review Period - CD Digesters Plant 2 Cluster 2	14		26-Aug-15 A	Review Period - CD Digesters Plant	t 2 Clust	er2							
CD20260	100% Design Submittal - CD Digesters Plant 2 Cluster 2	52	· '	18-Jun-16 A	100% Design Submitta	ta - CD	Digest <u>ers Plant 2 Clu</u>	ster 2	į		i i			
CD10390	Engineering Design - CD Digesters Plant 2 Cluster 2	478		23-Aug-16 A				F	Engineerir	ng Design - CI	Digesters F	lant 2 Cluste	r2	
CD40450	100% Design Review/Permit Ready Submittal - CD Digesters Plant 2 Cluster 2	66		23-Aug-16 A	100% Design Rev	view/Per	mit Ready Submittal	- CD Diges	sters Plan	t 2 Cluster 2				
CD82940	EPA Start Date for Engineering Design - CD Digesters Plant 2 Cluster 2	0	10-Jan-18*				◆ EPA Start Da	ate for Engi	ineering D	eşign - ÇD Dig	jesters Plant	2 Cluster 2		
CD81110	EPA Compliance Date for Engineering Design - CD Digesters Plant 2 Cluster 2	0		07-Dec-18*					EPA Com	pliance Date f	: or Engineerin	g Design - CE	D Digesters Plant 2 Clu	ster.2
Permitting		1201		07-Dec-19						1 1	07-Dec-19, 	Permitting		
CD82300	DERM Pemit - CD Digesters Plant 2 Cluster 2	21		13-Sep-16 A	■ DERM Permit - C	CD Dige	sters Plant 2 Cluster	2		<u> </u>				
CD10540	Permitting - CD Digesters Plant 2 Cluster 2	320		16-Jul-17				1 7			Permitting -	CD Digesters	Plant 2 Cluster 2	
CD82310	City of Miami Permit - CD Digesters Plant 2 Cluster 2	299	14-Sep-16 A	16-Jul-17		Cit	of Mlami Permit - C	D Digesters	s Plant 2 (Cluster 2				
CD82950	EPA Start Date for Permitting - CD Digesters Plant 2 Cluster 2	0	08-Dec-18*					♦ F	EPA Start	Date for Permi	tting - CD Di	gesters Plant	2 Cluster 2	
CD81120	EPA Compliance Date for Permitting - CD Digesters Plant 2 Cluster 2	0		07-Dec-19*						1 1	i i	i i	r Permitting - CD Diges 06-Dec-20. Procuremen	ters Plant 2 Cluster 2
Procurement		1413		06-Dec-20	V								06-Dec-20, Procuremen	it.
CD84210	GMOU submittal and approval - CD Digesters Plant 2 Cluster 2	21	24-Jan-17 A	13-Feb-17 A	■ GMOL	Usubmi	ttal and approval - CI	Digesters	s Plant 2 C	Cluster 2				
CD84070	Internal Bid Package Review - CD Digesters Plant 2 Cluster 2	6	17-Jul-17	22-Jul-17		I Inte	emal Bid Package Re	eview - CD	Digesters	Plant 2 Clust	er 2			
CD31840	Design Documents Sent to Procurement - CD Digesters Plant 2 Cluster 2	0	23-Jul-17			♦ De	sign Documents Ser	nt to Procure	ement - C	D Digesters P	i lant 2 Cluste	12		
CD31850	Submit/Approve SBD Goals and Request to Advertise - CD Digesters Plant 2 Cluster 2	60	23-Jul-17	20-Sep-17	_		Submit/Approve \$B	D Goals an	nd Reques	st to Advertise	CD Digeste	rs Plant 2 Clu	ıster 2	
CD31860	Advertise Bid Package - CD Digesters Plant 2 Cluster 2	0	21-Sep-17			•	Advertise Bid Packa	age - CD Di	igesters P	Plant 2 Cluster	2			
CD31870	Bid Solicitation Period - CD Digesters Plant 2 Cluster 2	60	21-Sep-17	19-Nov-17	_	i	Bid Solicitation	Period - CD	Digester	rs:Plant 2 Clus	ter 2			
CD31880	Bids Due - CD Digesters Plant 2 Cluster 2	0	20-Nov-17				♦ Bids Due - CD	Digesters P	Plant 2 Clu	uster 2				
CD31890	Bid Review Period - CD Digesters Plant 2 Cluster 2	30	20-Nov-17	19-Dec-17			☐ Bid Review P	1		i i	r2			
CD31900	Award Recommendation - CD Digesters Plant 2 Cluster 2	0		19-Dec-17			♦ Award Record				: :			
CD10760	Procurement - CD Digesters Plant 2 Cluster 2	270	23-Jul-17	18-Apr-18						•	1 1		Procurement - CD Dige	sters Plant 2 Cluster 2
CD31910	Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Digesters Plant 2 Cluster 2	120	20-Dec-17	18-Apr-18			Final	Approvals ((BCC: Ma	var, Risk Mam	t.) - CD Dige	sters Plant 2:0	Cluster 2	
CD82960	EPA Start Date for Procurement - CD Digesters Plant 2 Cluster 2	0	08-Dec-19*		1			, , , , , , , , , , , , , , , , , , , ,	(200,		!'!	!!!	ement - CD Digesters F	Plant 2 Cluster 2
CD81130	EPA Compliance Date for Procurement - CD Digesters Plant 2 Cluster 2	0		06-Dec-20*							quart Di	i i	i i i	
Construction		1520	24-May-18	21-Jul-22			*							for Procurement - CD Digesters Plant 2 Cluster 2 21 Jul-22, Construction
CD10978	Contractor Notice to Proceed (NTP) - CD Digesters Plant 2 Cluster 2	0	24-May-18				♦ Co	ntractor No	tice to Pro	oceed (NTP) - (; CD Didesters	Plant 2 Clust	ter 2	
CD10980	Construction - CD Digesters Plant 2 Cluster 2	550	24-May-18	24-Nov-19]		+ 50					1 0103		Construction - CD Digesters Plant 2 Clus
CD11170	Substantial Completion (CD Compliance Date 8/19/22) - CD Digesters Plant 2 Cluster 2	0		24-Nov-19*							¦ Substantial (ompletion (C	COmpliance Date 8/	19/22) - CD Digesters Plant 2 Cluster 2
CD40150	Project Closeout - CD Digesters Plant 2 Cluster 2	90	25-Nov-19	22-Feb-20*	1					: :	: :	1 1	D Digesters Plant 2 Cl	
CD82970	EPA Start Date for Construction - CD Digesters Plant 2 Cluster 2	0	07-Dec-20*		1 : : : : :						Flojec	1 1	1 1 1 1	truction - CD Digesters Plant 2 Cluster 2
CD81140	EPA Compliance Date for Construction - CD Digesters Plant 2 Cluster 2	0		21-Jul-22*	1							\	EFA Stall Date for Coris	
Project Administration		1755	05-May-15 A	22-Feb-20	1 1 1 1 1			1 1			22-Feb	-20, Project A	dministration	◆ EPA Compliance Date for Construction -
CD34100	WASD Project Administration - CD Digesters Plant 2 Cluster 2	1755		22-Feb-20	- <u>i i i i i i</u>			1 1	:	1 1	- WAGE	Decise to A decis	iniatestian CD Discosta	rb Plant 2 Cluster 2
2.15.3 Cluster 3		2291	13-Apr-16 A	21-Jul-22	▼				!			FIOIECTAUIT	Ilistiduon - CD Digeste	rs Plant 2 Cluster 2 21-Jul-22, 2.15 3 Cluster 3
Pre-Design		453	13-Apr-16 A	21-Jul-17	V	21	Jul-17, Pre-Design		·		† 			· · · · · · · · · · · · · · · · · · ·
CD12191	Pre-Design - CD Digesters Plant 2 Cluster 3	453	13-Apr-16 A	21-Jul-17		Dre	Design CD Digest	ore Plant 2	Cluster 3					
Engineering Design		504	22-Jul-17	07-Dec-18		- F. (c	-Design - CD Digest	101114	07-Dec-18	B, Engineering	Design			
CD84250	Field Investigations - CD Digesters Plant 2 Cluster 3	19		09-Aug-17	7		eld Investigations - C	'D Digester	rs Plant?	Cluster 3				
CD84260	Revisions to 60% Submittal - CD Digesters Plant 2 Cluster 3	61	10-Aug-17	09-Oct-17	1		Revisions to 60%	1.7	1	1 1	luster 2			
CD82980	EPA Start Date for Design - CD Digesters Plant 2 Cluster 3	0	10-Jan-18*		7		► EPA Start D	- 1	1	i i	i i			
CD20330	100% Design Submittal - CD Digesters Plant 2 Cluster 3	109		26-Jan-18	1			1 1	- 1	7 1	1 1			
CD10300	Engineering Design - CD Digesters Plant 2 Cluster 3	218	22-Jul-17	24-Feb-18	1		IUU% Desi			igesters Plant ng Design - CI		lant 2 Cluster	r3	
CD40460	100% Design Review/Permit Ready Submittal - CD Digesters Plant 2 Cluster 3	29		24-Feb-18	1			1 1	- 1	1 1	1 1	1 1	1 1 1	
0 .00		25	00.7 10	07-Dec-18*	1		□ 100% De	1 1		Ready Submit			Cluster 3 D. Digesters Plant 2 Clu	
CD81150	EPA Compliance Date for Engineering Design - CD Digesters Plant 2 Cluster 3						the state of the s							

	cree Schedule - June 2017 Update	<u> </u>			out w Baseline (By Phase	,											17 12:2		ge No. 26	
ctivity ID	Activity Name	Original Duration	Start	Finish	2016 Q1 Q2 Q3 Q4 Q1	2017 O2			2018 2 03	Q4 Q1	2019 Q2 Q3	Q4 Q1	2020 Q2 Q3 Q4	2021	Q4 Q1	2022 Q2 Q3 Q4	4 01	2023 Q2 Q3		2024 1 Q2
CD10400	Permitting - CD Digesters Plant 2 Cluster 3	180	25-Feb-18	23-Aug-18										ers Plant 2 Cluster 3			1		1	-
CD82990	EPA Start Date for Permitting - CD Digesters Plant 2 Cluster 3	0	08-Dec-18*							◆ EPA St	art Date fo	r Permitting	- CD Digesters Pla	ant 2 Cluster 3						
CD81670	EPA Compliance Date for Permitting - CD Digesters Plant 2 Cluster 3	0		07-Dec-19*				<u> </u>				1 1	1 1 1	for Permitting - CD Di 06-Dec-20, Procurer	igesters Plan	t 2 Cluster 3				
Procurement		1016	25-Feb-18	06-Dec-20										▼ 06-Dec-20, Procurer	ment					
CD84220	GMOU submittal and approval - CD Digesters Plant 2 Cluster 3	20		16-Mar-18				■ GM	ИО <mark>U</mark> sub	nittal and app	oroval - CD	Digesters F	lant 2 Cluster 3							
CD84080	Internal Bid Package Review - CD Digesters Plant 2 Cluster 3	3	24-Aug-18	26-Aug-18					1	ntemal Bid P	ackaģe Re	view - ¢D D	igesters Plant 2 C	luster 3						
CD31920	Design Documents Sent to Procurement - CD Digesters Plant 2 Cluster 3	0	27-Aug-18						•	Design Docur	ments Sen	t to Procurer	ent - CD Digeste	rs Plant 2 Cluster 3						
CD31930	Submit/Approve SBD Goals and Request to Advertise - CD Digesters Plant 2 Cluster 3	60	27-Aug-18	25-Oct-18						Submit/A	pprove SBI	Goals and	Request to Advert	ise - CD Dige sters Pla	ant 2 Cluster	3				
CD31940	Advertise Bid Package - CD Digesters Plant 2 Cluster 3	0	26-Oct-18	015 10						◆ Advertise	Bid Packa	ge - CD Dig	esters Plant 2 Clus	ster 3						
CD31950	Bid Solicitation Period - CD Digesters Plant 2 Cluster 3	60		24-Dec-18					-	Bid \$	olicitation	Period + CD	Digesters Plant 2	Cluster 3						
CD31960	Bids Due - CD Digesters Plant 2 Cluster 3	0	25-Dec-18	00 1 40					į			: :	int 2 Cluster 3							
CD31970	Bid Review Period - CD Digesters Plant 2 Cluster 3	30	25-Dec-18	23-Jan-19	-					☐ Bid	Review Pe	eriod - CD Di	desters Plant 2 Cl	luster 3						
CD31980	Award Recommendation - CD Digesters Plant 2 Cluster 3	270	27 10	23-Jan-19	-				į	◆ Aw	ard Recom	mendation -	CD Digesters Pla							
CD10640 CD31990	Procurement - CD Digesters Plant 2 Cluster 3	270 120		23-May-19 23-May-19										Procurement - CD D						
CD83000	Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Digesters Plant 2 Cluster 3 EPA Start Date for Procurement - CD Digesters Plant 2 Cluster 3	120	08-Dec-19*	23-iviay-19	-						Final /	10.0	1000	Mamt.) - CD Digesters						
CD83000 CD81170	EPA Compliance Date for Procurement - CD Digesters Plant 2 Cluster 3	0	06-Dec-19	06-Dec-20*					į			♦EPA		curement - CD Digeste						
Construction	EFA Compilative Date for Flownetherit - CD Digesters Flam 2 Cluster 3	940	25-Dec-19	21-Jul-22			}	} <u>}</u>				·····	<u>.iii</u>	EPA Compliance D	ate for Produ	ement - CD Di	.gesters P	ant 2.Clust	der 3	
CD10878	Contractor Notice to Proceed (NTP) - CD Digesters Plant 2 Cluster 3	940	25-Dec-19 25-Dec-19	2 1-JUI-22	1												, , , , ,			
CD83010	EPA Start Date for Construction - CD Digesters Plant 2 Cluster 3	0	07-Dec-20*		1				-			Cor	1 1 1	Proceed (NTP) - CD Di		1 1	DI			
CD10880	Construction - CD Digesters Plant 2 Cluster 3	550	25-Dec-19	26-Jun-21	1				-				<u> </u>	► EPA Start Date for C	onstruction -				rs Plant 2 C	luctor
CD10000	Substantial Completion (CD Compliance Date 8/19/22) - CD Digesters Plant 2 Cluster 3	330	20 200-10	26-Jun-21*	1				į		i		1 1 1			- i - i -	- 1	Ţ	1 1	- 1
CD40160	Project Closeout - CD Digesters Plant 2 Cluster 3	90	27-Jun-21	24-Sep-21*	1									1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		etion (CD Com		1	17 - 1 - 17	esters
CD81180	EPA Compliance Date for Construction - CD Digesters Plant 2 Cluster 3	0		21-Jul-22*	1										- 1 1	eout - CD Dige	- 1 1	:	1 1	-
Project Administration	277 Compilation Sale to Constitution of Signature Flat Location	1548	30-Jun-17	24-Sep-21		•		<u> </u>		<u></u>			. i i i		24-Sep-21, F		ompliance stration ;	a Date for C	Construction	a ÷CD
CD34110	WASD Project Administration - CD Digesters Plant 2 Cluster 3	1548	30-Jun-17	24-Sep-21		L	- 1	1 1	i	1 1			<u> </u>		11 1	1 1	1 1	;	; ;	1
2.15.4 Cluster 4	•	2857	19-Dec-14 A	19-Aug-22			1	1 1		1 1	,				WASD Proje	ct.Administrati 19-A	ug-22, 2:1	5.4 Cluste	er 4	.er.a
Pre-Design		136	19-Dec-14 A	04-May-15 A	re-Design			†				·								
CD12201	Pre-Design - CD Digesters Plant 2 Cluster 4	137	19-Dec-14 A	04-May-15 A	D Digesters Plant 2 Cluster 4															
Engineering Design		1682	19-Mar-15 A	25-Oct-19	2 Digesters Table 2 Ordster 4			1		; ;		25-Oct-	19, Engineering D	esign					1	
CD83020	EPA Start Date for Engineering Design - CD Digesters Plant 2 Cluster 4	0	19-Mar-15 A		Engineering Design - CD Dige	sters Pla	ant 2 Clus	ter4												
CD20340	Basis of Design Report (BODR) - CD Digesters Plant 2 Cluster 4	100	05-May-15 A	12-Aug-15 A	Design Report (BODR) - CD D															
CD20350	BODR Review Period - CD Digesters Plant 2 Cluster 4	14	13-Aug-15 A	26-Aug-15 A	Review Period - CD Digesters		i		į											
CD20380	60% Design Submittal - CD Digesters Plant 2 Cluster 4	57	19-Oct-15 A	14-Dec-15 A	60% Design Submittal - CD D		!	luster 4	į											
CD20390	60% Design Review - CD Digesters Plant 2 Cluster 4	8	15-Dec-15 A	22-Dec-15 A	60% Design Review - CD Dig			1 1	į											
CD81190	EPA Compliance Date for Engineering Design - CD Digesters Plant 2 Cluster 4**	0		11-Mar-16 A	◆ EPA Compliance Date for		- 1	1 1) Dialesters	Plant 2 Clust	ter 4**									
CD20400	100% Design Submittal - CD Digesters Plant 2 Cluster 4	240	26-Oct-18*	22-Jun-19		- 1					100	% Design S	ubmittal - CD Dige	esters Plant 2 Cluster	4					
CD11060	Engineering Design - CD Digesters Plant 2 Cluster 4	1636	04-May-15 A	25-Oct-19								Engine	nng Design - CD	Digesters Plant 2 Clus	ster 4					
CD40470	100% Design Review/Permit Ready Submittal - CD Digesters Plant 2 Cluster 4	125	23-Jun-19	25-Oct-19				<u> </u>				100%. C	esign Review/Per	mit Ready Submittal - ug-20, Permitting	CD Digeste	s Plant 2 Clust	ter 4			
Permitting		1634	12-Mar-16 A	31-Aug-20			- 1	1	į.				31-A	ug-20, Permitting						
CD83050	EPA Start Date for Permitting - CD Digesters Plant 2 Cluster 4**	0	12-Mar-16 A		◆ EPA Start Date for Permi	tting - C	D Digeste	rs Plant 2 (Cluster 4	*										
CD11130	Permitting - CD Digesters Plant 2 Cluster 4	270	26-Oct-19	21-Jul-20					į				Pem	nitting - CD Digesters	Plant 2 Clus	er4				
CD81200	EPA Compliance Date for Permitting - CD Digesters Plant 2 Cluster 4	0		31-Aug-20*				ļ <u>ļ</u>				ļ <u>i</u>		Compliance Date for 3	Permitting -	CD Digesters P	Lant 2.Cli	uster 4		
Procurement	CMOUL substitute and assessed CD Discretors Disable Collector 4	676		31-Aug-21				i i	į						11-Aug-21, Fit	culentent;				
CD84230	GMOU submittal and approval - CD Digesters Plant 2 Cluster 4	20		14-Nov-19								□ GMOL	1 1 1	proval - CD Digesters	i i					
CD84090	Internal Bid Package Review - CD Digesters Plant 2 Cluster 4	0	22-Jul-20	24-Jul-20	-								I Interna	l Bid Package Review	/ - CD Digest	ers Plant 2 Clu	ster 4			
CD32000 CD83040	Design Documents Sent to Procurement - CD Digesters Plant 2 Cluster 4	0	25-Jul-20 01-Sep-20*		1				-				The state of the s	Documents Sent to F			1 1	1		
CD83040 CD32010	EPA Start Date for Procurement - CD Digesters Plant 2 Cluster4 Submit/Approve SBD Goals and Request to Advertise - CD Digesters Plant 2 Cluster 4	60		22-Sep-20	1				}				i i i	Start Date for Procure	i i	i i	- i - i	i		
CD32010 CD32020	Submit/Approve SBD Goals and Request to Advertise - CD Digesters Plant 2 Cluster 4 Advertise Birt Package - CD Digesters Plant 2 Cluster 4	0		22-3ep-20	1				1				1 1 1	bmit/Approve SBD Go	1 1			esters Pla	int 2 Cluste	r4
CD32020 CD32030	Advertise Bid Package - CD Digesters Plant 2 Cluster 4 Bid Solicitation Period - CD Digesters Plant 2 Cluster 4	60	23-Sep-20 23-Sep-20	21-Nov-20	1				į		i		i i i	vertise Bid Package -	1 1	i i	i i			į
CD32030 CD32040	Bids Due - CD Digesters Plant 2 Cluster 4	00	23-Sep-20 22-Nov-20	Z 1-1NUV-ZU	1				-				1 1 1	Bid Solicitation Perio	1 1	1 1	uster 4	-		
CD32040 CD32050	Bid Review Period - CD Digesters Plant 2 Cluster 4 Bid Review Period - CD Digesters Plant 2 Cluster 4	30		21-Dec-20	1								1 1 1 1	Bids Due - CD Diges		1				
CD32050 CD32060	Award Recommendation - CD Digesters Plant 2 Cluster 4 Award Recommendation - CD Digesters Plant 2 Cluster 4	30	22-Nov-20	21-Dec-20 21-Dec-20	1									Bid Review Period	1 1		- 1 - 1			
CD32060 CD11250	Procurement - CD Digesters Plant 2 Cluster 4	270	25-Jul-20	21-Dec-20 20-Apr-21	1				-				-	Award Recommen		Digesters Plant CD Digesters				
CD11250 CD32070	Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Digesters Plant 2 Cluster 4	120		20-Apr-21	1				-		i				1 1	1 1	1 1	i		
CD32070 CD81210	EPA Compliance Date for Procurement - CD Digesters Plant 2 Cluster 4	120	22-D00-20	31-Aug-21*	1				}						1 1	Mayor, Risk Mo				
Construction	E Sompriance bate for Freedomental to Debuggesters Frank 2 Oldsta 4	486	21-Apr-21	19-Aug-22	l			 						~	PA Complia	nce Date for Pro	ocuremen ug-22, Cc	t = CD Dige instruction	esters. Plant	2Clu
CD11328	Contractor Notice to Proceed (NTP) - CD Digesters Plant 2 Cluster 4	0	21-Apr-21 21-Apr-21	13-Aug-22					į							1 1			1 1	i
CD83030	EPA Start Date for Construction - CD Digesters Plant 2 Cluster 4	0	01-Sep-21*		1									1 1 1 1	i i	oceed (NTP) - C	i i	i	i i	. .
CD11330	Construction - CD Digesters Plant 2 Cluster 4	365	21-Apr-21	20-Apr-22	1										PA Start Date	for Constructi			Plant 2 Clust ters Plant 2	
CD11490	Substantial Completion (CD Compliance Date 8/19/22) - CD Digesters Plant 2 Cluster 4	0	pi _ i	20-Apr-22*	1				-						1 1	1 1	- : :	1	1 1	1
CD40170	Project Closeout - CD Digesters Plant 2 Cluster 4	90	21-Apr-22	19-Jul-22*	1				-						- : :	Substantial C	- 1	- 1	1 1	- 1
CD81380	EPA Compliance Date for Construction - CD Digesters Plant 2 Cluster 4	0	p; <u></u>	19-Aug-22*	1				i							Project				
Project Administration		2720	05-May-15 A	19-Jul-22	 			 				!	+			19-Jul-	Complian -22, Projer	ce Date for Administ	or Constructi tration	on - C
CD34120	WASD Project Administration - CD Digesters Plant 2 Cluster 4	2720	•	19-Jul-22			i		i		i					- WAG) Decision	dminist"	ion CD D	go-t-
2.16 Dewatering Bu		2379		07-Aug-21								-	!	▼ 07-	-Aug-21, 2.16	Dewatering B	uilding	aministratio	ψι1 = ΔΙΨ. DIΩ	esters
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ty ID	Activity Name	Original	Start	Finish	2016 20	17	2018		2019		2020		2021		2022		2023	
		Duration			Q1 Q2 Q3 Q4 Q1 Q2							4 Q1		Q4 Q1		3 Q4 Q1	Q2 Q3	3 Q4
CD12211	Pre-Design - CD Dewatering Building	87	02-Feb-15 A	29-Apr-15 A	D.Dewatering Building									1				
Engineering Design		825	30-Apr-15 A	01-Aug-17		▼ 01-Aug-17, Enç	ineering Desig	n										
CD21180	Basis of Design Report (BODR) - CD Dewatering Building	237	30-Apr-15 A	22-Dec-15 A	Basis of Design Report (BODR) - C	Dewatering Buildi	ng											
CD21190	BODR Review Period - CD Dewatering Building	36	23-Dec-15 A	27-Jan-16 A	BODR Review Period - CD Dewa													
CD10170	Engineering Design - CD Dewatering Building	335	30-Apr-15 A	29-Mar-16 A		Engineering De	esign - CD Dew	atering Build	ding				-					
CD41110	Issue Final RDBS - CD Dewatering Building	0		29-Mar-16 A	♦ Issue Final RDBS - CD Dewa	1 1 1 1			7									
CD32720	Design Criteria Package Initial Submittal - CD Dewatering Building	90	28-Jan-16 A	26-Apr-16 A			D											
CD32740	DCP Design Review - CD Dewatering Building	23	27-Apr-16 A	19-May-16 A	Design Criteria Package In		1 1	liaing					-					
CD83060	EPA Start Date for Engineering Design - CD Dewatering Building	0	•	,	DCP Design Review - CD		1 1											
CD33660	Pilot Testing of Thickening Process - CD Dewatering Building	298	04-Jan-16 A	27-Oct-16 A	◆ EPA Start Date for Engine		1 1	: :										
				_	Pilot Testing of	Thickening Proces	s - CD Dewate	ring Building	1									
CD32760	Final DCP Submittal - CD Dewatering Building	188	20-May-16 A	23-Nov-16 A	Final DCP S	ibmittal - CD Dewa	terina Buildina											
CD81390	EPA Compliance Date for Engineering Design - CD Dewatering Building	0		01-Aug-17*	02-Jun-16 A, Permitting	. 🖈 . EPA.Complian	ce Date for Eng	ineering_Des	sign - CD Dev	vatering Build	ding			.			4	
Permitting		125		02-Jun-16 A	02-Juli-16 A, Pelmitting				1 1							1 1		
CD32780	FDEP Permit - CD Dewatering Building	126	29-Jan-16 A	02-Jun-16 A	FDEP:Permit - CD:Dewa	tering Building			<u></u>		1,1						.1	
Procurement		1221	29-Mar-16 A	01-Aug-19				1 1	01-Au	g-19, Procure	ement							
CD33520	RDBS Sent to Procurement - CD Dewatering Building	0	29-Mar-16 A		RDBS Sent to Procurement -	CD Dewatering Bul	lding						į					
CD33530	Submit/Approve SBD Goals and Request to Advertise - CD Dewatering Building	113	29-Mar-16 A	19-Jul-16 A	Submit/Approve SBD	Goals and Reques	t to Advertise - (CD Dewateri	na Buildina				-					
CD33540	Advertise RDBS - CD Dewatering Building	0	20-Jul-16 A		◆ Advertise RDB\$ - CD		1 1											
CD33550	Request for Qualifications - CD Dewatering Building	59	20-Jul-16 A	16-Sep-16 A	Request for Quali			,										
CD33560	Qualifications Package Due - CD Dewatering Building	0	17-Sep-16 A			1 1 1		1 1				-	-				1 1	
CD33570	Qualification Review Period - CD Dewatering Building	91	17-Sep-16 A	16-Dec-16 A	◆ Qualifications Pa													
CD33580	Shortlist Published - CD Dewatering Building	0	F .0.1	16-Dec-16 A		n Review Period - (1 1					-					
CD33590	Request for Proposals - CD Dewatering Building	101	24-Jan-17 A	04-May-17 A		blished - CD Dewa	: :											
	, , , , , , , , , , , , , , , , , , , ,			04-Iviay-17 A	_ R	equest for Proposal	s - CD Dewate	ring Building	1				-					- 1
CD33600	Proposals Due - CD Dewatering Building	0	05-May-17 A		_	oposals Due - CD	Dewatering Bui	lding										
CD33610	Proposal Review Period - CD Dewatering Building	49	05-May-17 A	27-Jul-17	_	Proposal Revie	w Period - CD I	Dewatering E	Building									
CD33620	Award Recommendation - CD Dewatering Building	0	28-Jul-17			◆ Award Recomm	n endation - CD	Dewatering	Building									
CD33630	Contract Negotiations - CD Dewatering Building	57	28-Jul-17	22-Sep-17		Contract Ne	1 1	i i	1 771									
CD84510	BCC Board Approval - CD Dewatering Building	0		03-Oct-17*			d Approv <u>al - C D</u>	1 1	- 1 1									
CD10440	Procurement - CD Dewatering Building	581	29-Mar-16 A	01-Nov-17		BCC Boalt	Apploval -CD	Dewatering		rement - CD	Dewatering	Building						
CD33640	Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Dewatering Building	40	23-Sep-17	01-Nov-17			11.		1 1	1 1	1 1	Dallang						
CD83080	EPA Start Date for Procurement - CD Dewatering Building	0	02-Aug-18*	01110111	-	Final Ap	orovals (BCC, N			: :								
	, ,	-	02-Aug-16		-		◆ EPA	Start Date fo	r Procuremen									
CD81410	EPA Compliance Date for Procurement - CD Dewatering Building	0		01-Aug-19*		<u>-</u>	<u></u>	<u> </u>		Compliance I	Date for Proc	urement.	CD Dewate	erina Buildi	ing Design-Build	, .		
De sign-Build		1375	02-Nov-17	07-Aug-21		Y								77-Aug-≥1, L	Design-Bulla			
CD33650	Design-Builder NTP - CD Dewatering Building	0	02-Nov-17			◆ Design-	Builder NTP - C	D Dewaterin	g Building									
CD32790	Final Engineering by Design-Builder - CD Dewatering Building	330	02-Nov-17	27-Sep-18				inal Engine	ering by Desig	n-Builder - C	Dewateri	na Buildin	ıa					
CD32800	AHJ Permit Review - CD Dewatering Building	180	31-May-18	26-Nov-18				AH.I Pem	nit Review - C	:D Dewaterin	a Buildina							
CD83090	EPA Start Date for Construction - CD Dewatering Building	0	02-Aug-19*					1	i i	Start Date for	i i	n - CD De	watering Ru	ullding				1 1
CD84780	Design-Builder Contract Duration - CD Dewatering Building	818	02-Nov-17	28-Jan-20		<u> </u>			LIA		† †				der Contract	Duration - CD	Dewaterin	a Building
CD10670	Construction - CD Dewatering Building	600	08-Jun-18	28-Jan-20	1 1 1 1 1 1		_: :	: :							1 1	atering Buildin		
CD11080	Substantial Completion (CD Compliance Date 8/07/21) - CD Dewatering Building	0	00 0010	28-Jan-20*	-		: :	1 1		-			1				٩ !	
		-	20 Jan 20	_	-					Subst	antial Comp	letion (CD	Complian	ice Date 8/0	07/21) - ÇD D	Dewatering Bu	uilding	
CD40180	Project Closeout - CD Dewatering Building	90	29-Jan-20	27-Apr-20*	_				- 1		Project Clos	eout - CD	Dewatering	a Building				- 1
CD81420	EPA Compliance Date for Construction - CD Dewatering Building	0		07-Aug-21*			<u></u>			<u>ii.</u> .		المحاليي		EPA.Compli	iance Date fo	or Constructio	an - CD Dew	vatering B
Project Administration		1823		27-Apr-20				1 1	1 1	1 1	27-Apr-20, P	roject Adr	nınıstration	1				
CD34130	WASD Project Administration - CD Dewatering Building	1823	30-Apr-15 A	27-Apr-20	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	i i i	; ;	; ; 	; ;	<u> </u>	WASD Proje	ect Admini	stration - C	D Dewateri	ing Building			
.17 Chlorination F	Facilities	1570	01-Oct-13 A	17-Jan-18	1 1 1 1 1	17	Jan-18, 2.17 C	hlorination F	acilities							1 1		- 1
Engineering Design		836	01-Oct-13 A	15-Jan-16 A	▼ 15-Jan-16 A, Engineering Design									1				
CD83100	EPA Start Date for Engineering Design - CD Chlorination Facilities**	0	01-Oct-13 A		n Facilities**								į					
CD81430	EPA Compliance Date for Engineering Design - CD Chlorination Facilities**	0		07-Sep-14 A		ilitioe**			1 1	1 1	1 1	- i - i	İ			1 1	1 1	- i - i
CD20410	Evaluation of Design Alternatives - CD Chlorination Facilities	344	01-Oct-13 A	09-Sep-14 A	leering Design - CD Chibrination Fac	iiiues												
CD20420	Basis of Design Report (BODR) - CD Chlorination Facilities	91	18-Feb-15 A	19-May-15 A	es - CD Chlorination Facilities								:					- 1
CD20420 CD20430	BODR Review Period - CD Chlorination Facilities	16			n Report (BODR) - CD Chlorination	Facilities							į					
				12-Jun-15 A	_w Period - CD Chlorination Facilities				1 1	1 1	1 1	- i - i	i	1 1	1 1	1 1	1 1	-
CD20435	Negotiate Scope and Cost with MWH - CD Chlorination Facilities	88	23-Mar-15 A	18-Jun-15 A	_cope and Cost with MWH - CD Chlo	ination Facilities												
CD20440	60% Design Submittal - CD Chlorination Facilities	78		03-Sep-15 A	esign Submittal - CD Chlorination Fa	cilities												
CD20450	60% Design Review - CD Chlorination Facilities	7	04-Sep-15 A	10-Sep-15 A	esign Review - CD Chlorination Fac	lities							į					
CD20480	100% Design Submittal - CD Chlorination Facilities	43	11-Sep-15 A	23-Oct-15 A)% Design Şubmittal - CD Chlorinati								1					
CD10060	Engineering Design - CD Chlorination Facilities	777	01-Oct-13 A	16-Nov-15 A	ngineering Design - CD Chlorination													
CD40480	100% Design Review/Permit Ready Submittal - CD Chlorination Facilities	17	31-Oct-15 A	16-Nov-15 A			ination Ecolor	ne l					:					
CD32610	Develop Equipment Pre-Purchase RTU Packages - CD Chlorination Facilities	212		15-Jan-16 A	_00% Design Review/Permit Ready S	i i i	i i	i i					į					
Permitting	. 4. F	691	08-Sep-14 A	30-Jul-16 A	L Develop Equipment Pre-Purchase 30-Jul-16 A, Permitti	RIU Rackages - C	D.Cnionnation	racilities						ţ				
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	-			27 Jun 16 A	CD Chlorination Facilities	ination F												
CD83110	Permitting - CD Chlorination Facilities	221	20-Nov-15 A	27-Jun-16 A	Permitting - CD Chlo	nnation Facilities												
CD83110 CD10250	City of Miami Building Permit - CD Chlorination Facilities	221	20-Nov-15 A	27-Jun-16 A	City of Miami Bullding	Permit - CD Chlorin	ation Facilities						1					
CD83110 CD10250 CD80050		0		30-Jul-16 A	◆ EPA Compliance Da	te for Permitting - C	D.Chlorination		1 1	1 1		- 1				1 1	1 1	
CD83110 CD10250	EPA Compliance Date for Permitting - CD Chlorination Facilities																	
CD83110 CD10250 CD80050		583	16-Nov-15 A	20-Jun-17 A		20-Jun-17 A, Proc	uement										1 1	
CD83110 CD10250 CD80050 CD81440		-		20-Jun-17 A	-	20-0411-17 75,1104	dicinique											
CD83110 CD10250 CD80050 CD81440 Procurement	EPA Compliance Date for Permitting - CD Chlorination Facilities Design Documents Sent to Procurement - CD Chlorination Facilities	583	16-Nov-15 A		esign Documents Sent to Procureme	nt - CD Chlorinatio	n Facilities											
CD83110 CD10250 CD80050 CD81440 Procurement CD32160	EPA Compliance Date for Permitting - CD Chlorination Facilities	583 0 42	16-Nov-15 A	20-Jun-17 A 27-Dec-15 A	-	ent - CD Chlorination	n Facilities											

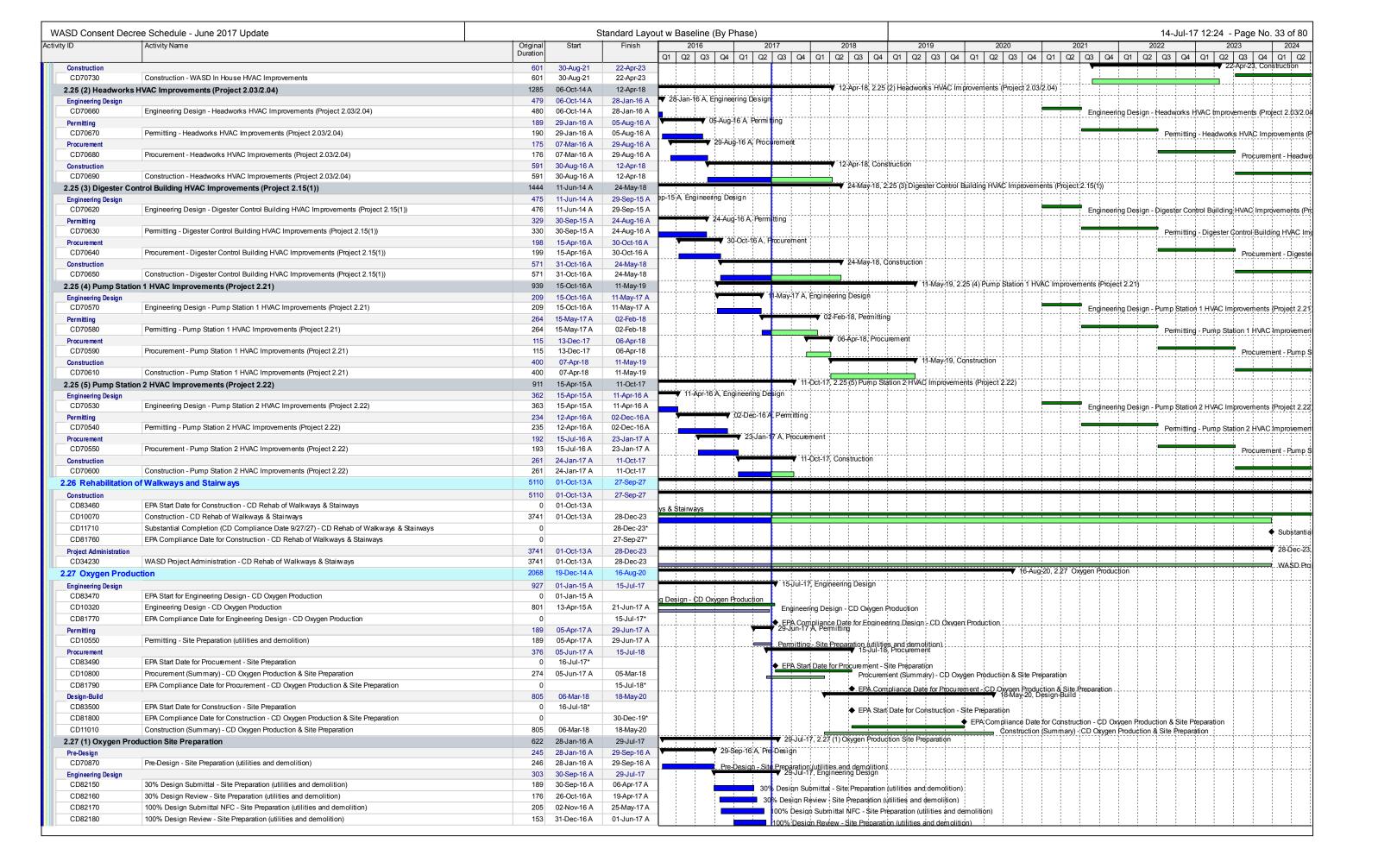
	cree Schedule - June 2017 Update	1			out w Baseline (By Phase) 14-Jul-17 12:24 - Page No. 28 of
vity ID	Activity Name	Original Duration	Start	Finish	2016 2017 2018 2019 2020 2021 2022 2023 20 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1
CD32200	Bids Due - CD Chlorination Facilities	0	08-Feb-16 A		
CD83120	EPA Start Date for Procurement - CD Chlorination Facilities	0	08-Feb-16 A		→ Bids Due - CD Chlofination Facilities
CD32210	Bid Review Period - CD Chlorination Facilities	14	08-Feb-16 A	21-Feb-16 A	
CD32220	Award Recommendation - CD Chlorination Facilities	0	001001071	22-Feb-16 A	Bid Review Period - CD Chlorination Facilities
CD10260	Procurement - CD Chlorination Facilities	135	16-Nov-15 A	29-Mar-16 A	
CD32230	Final Approvals (BC C, Mayor, Risk Mgmt.) - CD Chlorination Facilities	37	22-Feb-16 A	29-Mar-16 A	
CD32250 CD81450	EPA Compliance Date for Procurement - CD Chlorination Facilities	0	224 6D-10 A	06-Sep-16 A	Final Approvals (BCC, Mayor Risk Mgmt.) - CD Chlorination; Facilities
CD33070	Pre-Purchase Bid Package (RTU) - CD Chlorination Facilities	250	16-Jan-16 A	21-Sep-16 A	
CD33100	VendorNTP (RTU) - CD Chlorination Facilities	0	10-0air 10 A	21-Sep-16 A	Pre-Purchase Bid Package (RTU) - CD Chlorination Facilities
CD32600	Owner Pre-Purchase RTU - CD Chlorination Facilities	522	16-Jan-16 A	21-Sep-16 A 20-Jun-17 A	Vendor NTP (RTU) - CD Chlorination Facilities
CD32000 CD33110	Fabricate & Deliver Pre-Purchase RTUs - CD Chlorination Facilities	273		20-Jun-17 A	Owner Pre-Purchase RŢU - CID Chlorination Facilities
	rablicate & Deliver Pre-Pulchase RTOS - CD Chiofination Pachities	640	21-Sep-16 A 18-Apr-16 A	17-Jan-18	Fabricate & Deliver Pre-Purchase RTUs - CD. Chlorination Facilities.
Construction CD10498	Contractor Notice to Proceed (NTP) - CD Chlorination Facilities	040	18-Apr-16 A	17-0411-10	
CD83130	EPA Start Date for Construction - CD Chlorination Facilities	0	07-Sep-16 A		◆ Contractor Notice to Proceed (NTP) - CD Chlorination Facilities
CD83130	EPA Compliance Date for Construction - CD Chlorination Facilities	0	07-Sep-10 A	29-Sep-17*	◆ EPA Start Date for Construction - CD Chlorination Facilities
CD10500	Construction - CD Chlorination Facilities	550	18-Apr-16 A	19-Oct-17	◆ EPA Compliance Date:for Construction - CD Chlorination Fabilities
		0	10-Арі-10 А		Construction - CD Chlorination Facilities
CD10700 CD40190	Substantial Completion (CD Compliance Date 9/29/17) - CD Chlorination Facilities	90	20-Oct-17	19-Oct-17* 17-Jan-18*	♦ Substantial Completion (CD Compliance Date 9/29/17) - CD Chlorination Facilities
	Project Closeout - CD Chlorination Facilities			_	Project Closeout - CD Chlorination Facilities. 7 17-Jan-18, Project Administration
Project Administration CD34140	WASD Project Administration - CD Chlorination Facilities	1570 1570	01-Oct-13 A 01-Oct-13 A	17-Jan-18 17-Jan-18	
	·	2104	06-Oct-14 A	09-Jul-20	WASD Project Administration - CD Chlorination Facilities ▼ 09-Jul-20, 2.18 Odor Control Systems
2.18 Odor Control	Systems				17-Jun-17 A, Engineering Design
Engineering De sign	Facility of the Decimal On Order Ocated Ocates	998	06-Oct-14 A	17-Jun-17 A	
CD10280	Engineering Design - CD Odor Control Systems	541	06-Oct-14 A	29-Mar-16 A	Engineering Design - CD Odor Control Systems
CD83140	EPA Start Date for Engineering Design - CD Odor Control Systems	0	01-Oct-16 A		♦ EPA Start Date for Engineering Design - CD Odor Control Systems
CD81470	EPA Compliance Date for Engineering Design - CD Odor Control Systems	0		17-Jun-17 A	EPA Compliance Date for Engineering Design - CD Odor Control Systems
Permitting	Description (Conserved) OD Odes Control Control	871	29-Jan-16 A	17-Jun-18	
CD10410	Permitting (Summary) - CD Odor Control Systems	190	29-Jan-16 A	05-Aug-16 A	Permitting (Summany) - CD Odor Control Systems
CD83150	EPA Start Date for Permitting - CD Odor Control Systems	0	18-Jun-17 A		➡ EPA Start Date for Permitting -CD Odor Control System's
CD81480	EPA Compliance Date for Permitting - CD Odor Control Systems	0		17-Jun-18*	◆ EPA Compliance Date for Permitting - CD Odor Control Systems 17-Jun-19. Procurement
Procurement		718	07-Mar-16 A	17-Jun-19	
CD10650	Procurement (Summary) - CD Odor Control Systems - CD Odor Control Systems	153	07-Mar-16 A	01-Nov-17	Procurement (Summany) - CD Odor Control Systems - CD Odor Control Systems
CD83160	EPA Start Date for Procurement - CD Odor Control Systems	0	18-Jun-18*		● EPA Start Date for Procuire ment - CD Odor Control Systems
CD81490	EPA Compliance Date for Procurement - CD Odor Control Systems - CD Odor Control Systems	0		17-Jun-19*	◆ EPA Compliance Date for Procurement - CD. Odor Control Systems - CD. Odo
Construction	EDICI ID I CO. I C. ODOL O I IO I	1410	30-Aug-16 A	09-Jul-20	V 09-Jul-20, Construction
CD83170	EPA Start Date for Construction - CD Odor Control Systems	0	18-Jun-19*		♦ EPA Start Date for Construction - CD Odor Control Systems
CD10890	Construction (Summary) - CD Odor Control Systems	1246	30-Aug-16 A	28-Jan-20	Construction (Summary) - CD Odor Control Systems
CD11070	Substantial Completion (CD Compliance Date 7/09/20) - CD Odor Control Systems	0		28-Jan-20*	♦ Substanțial Completion (CD Compliance Date 7/09/20) - CD Odor Control Systems
CD40200	Project Closeout - CD Odor Control Systems	90	29-Jan-20	27-Apr-20*	Project Closeout - CD Odor Control Systems
CD81500	EPA Compliance Date for Construction - CD Odor Control Systems	0		09-Jul-20*	DEPA Compliance Date for Construction - CD Odor Control Systems
Project Administration		2030	06-Oct-14 A	27-Apr-20	
CD34150	WASD Project Administration - CD Odor Control Systems	2030	06-Oct-14 A	27-Apr-20	WASD Project Administration - CD Odor Control Systems 12-Mar-18, 2.18 (1) Headworks Odor Controls System (Project 2.03/2.04)
	s Odor Controls System (Project 2.03/2.04)	1254	06-Oct-14 A	12-Mar-18	▼ 12-wai-16, 2. 16 (ii) Headworks Odor Controls System (Hoject 2.03/2.04)
Engineering Design	5 · · · D · · · · · · · · · · · · · · ·	479		28-Jan-16 A	
CD21270	Engineering Design (Headworks) - CD Odor Control Systems	480	06-Oct-14 A	28-Jan-16 A	Engineering Design (Headworks) - CD Odor Control Systems 05-Aug-16 A Permitting
Permitting	Demitting (Headwards), OD Odes Control Control	189	29-Jan-16 A	05-Aug-16 A	
CD40410	Permitting (Headworks) - CD Odor Control Systems	190	29-Jan-16 A	05-Aug-16 A	Permitting (Headworks) CD. Odor Control Systems: ✓ 29-Aug-16 A; Procurement
Procurement	Procurement (Headworks) - CD Odor Control Systems	175	07-Mar-16 A	29-Aug-16 A	
CD32250	Finocurement (Fleaduworks) - CD Odor Control Systems	176	07-Mar-16 A	29-Aug-16 A	Procurement (Heatworks) - CD Odor Control Systems 12-Mar-18, Construction
Construction CD40430	Construction (Headworks) - CD Odor Control Systems	560 560	30-Aug-16 A 30-Aug-16 A	12-Mar-18 12-Mar-18	
		1734	01-May-15 A	28-Jan-20	Construction (Headworks) - CD Odor Control Systems 28-Jan-20, 2.18 (2) Dewatering Odor Control System (Project 2.16)
Engineering Design	g Odor Control System (Project 2.16)	333	01-May-15 A	29-Mar-16 A	29-Mar-16 A, Engineering Design
CD21290	Engineering Design (Dewatering) - CD Odor Control Systems	334	01-May-15 A	29-Mar-16 A	
	Linginieening Design (Dewatering) - CD Oddi Contiol Systems	581	29-Mar-16 A	01-Nov-17	Engineering Design (Dewateling) - CD Odor Control Systems 01-Nov-17, Procurement
Procurement CD32270	Procurement (Dewatering) - CD Odor Control Systems	581	29-Mar-16 A	01-Nov-17	
Construction	1 Total Circle (Deviationing) - OD Guid Gorillo Gydicinio	818	02-Nov-17	28-Jan-20	Procurement (Dewatering) - CD. Odor Control Systems 28-Jan-20, Construction
CD40440	Construction (Dewatering) - CD Odor Control Systems	818	02-Nov-17 02-Nov-17	28-Jan-20	-
	, , ,	2525	22-Nov-12 A	21-Oct-19	Construction (Dewatering) - CD Odor Control \$ystems 7 21-Oct-19, 2.19 Co-Gen Improvements
2.19 Co-Gen Impro	overlights.				▼ 14-Nov-16 A, Enginéering Desigh
Engineering Design	EDA Start Date for Engineering Decign, CD Co Con Improvements	1453	22-Nov-12 A	14-Nov-16 A	
CD83180	EPA Start Date for Engineering Design - CD Co-Gen Improvements		01-May-14 A	24.0-4.40.4	CD Co-Gen Improvements
CD10140	Engineering Design - CD Co-Gen Improvements	1440	22-Nov-12 A	31-Oct-16 A	Engineering Design - CD Co-Geh Improvements
CD81510	EPA Compliance Date for Engineering Design - CD Co-Gen Improvements	0		14-Nov-16 A	◆ EPA Compliance Date for Engineering Design - CD Co-Gen Improvements 29-Sep-17, Permitting
Permitting		1663	12-Mar-13 A	29-Sep-17	29-Sep-17, Permitting
CD83190	EPA Start Date for Permitting - CD Co-Gen Improvements	0	18-Aug-15 A		rt Date for Permitting - CD Co-Gen Improvements
CD10470	Permitting - CD Co-Gen Improvements	1618	12-Mar-13 A	15-Aug-17	Permittingi - CD Co-Gen Improvements
CD81520	EPA Compliance Date for Permitting - CD Co-Gen Improvements	0		29-Sep-17*	◆ EPA Compliance Date for Permitting - CD Co-Gen Improvements.
Procurement		1480	12-Mar-14 A	30-Mar-18	▼ 30-Mar-18; Proculrement
	EPA Start Date for Procurement - CD Co-Gen Improvements		17-Aug-16 A		

	ree Schedule - June 2017 Update			<u> </u>	ut w Baseline (By Phase)	14-Jul-17 12:24 - Page No. 29
ity ID	Activity Name	Original Duration	Start	Finish	2016 2017 2018	Q4 Q1 Q2 Q3 Q4 Q1 <
CD10480	Procurement - CD Co-Gen Improvements	1300	12-Mar-14 A	19-Feb-18		Q4 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1
CD81530	EPA Compliance Date for Procurement - CD Co-Gen Improvements	0	12-Wal-14 A	30-Mar-18*		
Construction		1820	30-Jul-14 A	23-Jul-19	◆ EPA Comp	iance Date for Procurement - CD Co-Gen Improvements. ✓ 23-Jul-19, Construction
CD83210	EPA Start Date for Construction - CD Co-Gen Improvements	0	17-Aug-17*		♠ EDA Start Date for Constr.	tion - CD Co-Gen Improvements
CD81540	EPA Compliance Date for Construction - CD Co-Gen Improvements	0		31-Mar-19*	▼ ErA statt Date for Sonsite	◆ EPA Compliance Date for Construction - CD Co-Gen Improvements
CD10680	Construction - CD Co-Gen Improvements	1820	30-Jul-14 A	23-Jul-19		Construction - CD Co-Gen Improvements
CD11030	Substantial Completion (CD Compliance Date 3/31/19) - CD Co-Gen Improvements	0		23-Jul-19*		◆ Substantial Completion (CD.Compliance Date 3/31/19) - CD.Co-Gen Improvements
2.19 (1) Co-Gen Gen	nerator Replacement	1161	22-Nov-12 A	27-Jan-16 A	▼ 27-Jan-16 A, 2 19 (1) Co-Gen Generator Replacement	
Engineering Design		473	22-Nov-12 A	10-Mar-14 A		
CD12001	Engineering Design - CD Co-Gen Generator Replacement	474	22-Nov-12 A	10-Mar-14 A	Replacement	
Permitting	D W 000 0 0 1 D 1	365	12-Mar-13 A	11-Mar-14 A		
CD12011	Permitting - CD Co-Gen Generator Replacement	365	12-Mar-13 A	11-Mar-14 A	ment	
Procurement CD12021	Procurement - CD Co-Gen Generator Replacement	140	12-Mar-14 A 12-Mar-14 A	30-Jul-14 A 30-Jul-14 A		
Construction	Procurement - CD Co-Gen Generator Repracement	546	30-Jul-14 A	27-Jan-16 A	tor Replacement	
CD12031	Construction - CD Co-Gen Generator Replacement	547	30-Jul-14 A	27-Jan-16 A		
CD12041	2.19 (1) Substantial Completion (CD Compliance Date 3/31/19) - CD Co-Gen Generator Replacement	0 17	00 001 1471	27-Jan-16 A	Construction - CD Co-Gen Generator Replacement	
Project Administration	2.13 (1) cascalitati completion (cs. completion cs. cs. cs. cs. cs. cs. cs. cs. cs. cs.	1161	22-Nov-12 A	27-Jan-16 A	◆ 2.19 (1) Substantial Completion (CD Compliance Date 3/31/19)- ▼ 27-Jan-16 A, Project Administration	CD Co-Gen Generator Replacement
CD34160	WASD Project Administration - CD Co-Gen Generator Replacement	1162	22-Nov-12 A	27-Jan-16 A	- WASS D	
	ogas Treatment Facilities	1768	19-Dec-14 A	21-Oct-19	. WASD Project Administration CD. Co-Gen. Generator Replacem	nt. V 21-Oct-19, 2.19 (2)a Co-Gen Biogds Treatment Facilities
Pre-Design	•	357	19-Dec-14 A	11-Dec-15 A	11-Dec-15 A, Pre-Design	
CD12231	Pre-Design - CD Co-Gen Biogas Treatment Facilities	167	19-Dec-14 A	03-Jun-15 A	CD Co-Gen Biogas Treatment Facilities	
CD30320	Negotiate Final Design - CD Co-Gen Biogas Treatment Facilities	78	25-Sep-15 A	11-Dec-15 A		
Engineering De sign		456	04-Jun-15 A	02-Sep-16 A	Negotiate Final Design - CD Co Ger Biogas Treatment Facilities 02-Sep-16 A Engineering Design	
CD21650	Alternatives Analysis Report - CD Co-Gen Biogas Treatment Facilities	119	04-Jun-15 A	30-Sep-15 A	natives Analysis Report CD Co-Gen Biogas Treatment Facilities	
CD33680	Remaining Basis of Design Report (BODR) - CD Co-Gen Biogas Treatment Facilities	70	17-Dec-15 A	24-Feb-16 A	Remaining Basis of Design Report (BODR) - CD Co-Gen Bioga	Treatment Facilities
CD21660	BODR Review Period - CD Co-Gen Biogas Treatment Facilities	7	25-Feb-16 A	02-Mar-16 A	BODR Review Period - CD Co-Gen Biogas Treatment Facilities	
CD21690	60% Design Submittal - CD Co-Gen Biogas Treatment Facilities	47	14-Mar-16 A	29-Apr-16 A	60% Design Submittal - CD Co-Gen Biogas Treatment Fac	lities
CD21700	60% Design Review - CD Co-Gen Biogas Treatment Facilities	7	30-Apr-16 A	06-May-16 A	■ 60% Design Review - CD Co-Gen Biogas Treatment Facil	
CD21710	100% Design Submittal - CD Co-Gen Biogas Treatment Facilities	102	07-May-16 A	16-Aug-16 A	100% Design Submittal - CD Co-Gen Biogas Treat	
CD12101	Engineering Design - CD Co-Gen Biogas Treatment Facilities	457	04-Jun-15 A	02-Sep-16 A	Engineering Design - CD Co-Gen Biogas Treatme	
CD40490	100% Design Review/Permit Ready Submittal - CD Co-Gen Biogas Treatment Facilities	17	17-Aug-16 A	02-Sep-16 A		
Permitting		416	10-May-16 A	22-Jun-17 A	■ 100% Design Review/Permit Ready \$ubmittal - C 22-Jun-17 A, Permitting	
CD80250	FDEP Permit - CD Co-Gen Biogas Treatment Facilities	44	10-May-16 A	22-Jun-16 A	FDEP Permit - CD Co-Gen Biogas Treatment Facilities	
CD71060	DERM Permit - CD Co-Gen Biogas Treatment Facilities	10	06-Sep-16 A	15-Sep-16 A	■ DERM Permit - CD Co-Gen Bipgas Treatment Fa	ilities
CD83520	ERP Permit - CD Co-Gen Biogas Treatment Facilities	68	08-Sep-16 A	14-Nov-16 A	ERP Permit - CD Co-Gen Biogas Treatment F	acilities
CD83510	DERM Class VI Permit - CD Co-Gen Biogas Treatment Facilities	56	18-Oct-16 A	12-Dec-16 A	DERM Class VI Permit - CD Co-Gen Bioga	Treatment Facilities
CD12111	Permitting - CD Co-Gen Biogas Treatment Facilities	416	10-May-16 A	22-Jun-17 A	Permitting - CD Co-Gen Bioga	
CD82320	City of Miami Permit - CD Co-Gen Biogas Treatment Facilities	277	26-Sep-16 A	22-Jun-17 A	City of Miami Permit - CD Co	
Procurement		381	16-Sep-16 A	01-Oct-17	01-Oct-17, Procuremen	
CD30690	Design Documents Sent to Procurement - CD Co-Gen Biogas Treatment Facilities	0	16-Sep-16 A		◆ Design Documents Sent to Procurement - CD Co	Gen Biogas Treatment Facilities
CD30700	Submit/Approve SBD Goals and Request to Advertise - CD Co-Gen Biogas Treatment Facilities	62	16-Sep-16 A	16-Nov-16 A	Submit/Approve SBD Goals and Request to	dvertise - CD Co-Gen Biogas Treatment Facilities
CD30710	Advertise Bid Package - CD Co-Gen Biogas Treatment Facilities	0	17-Nov-16 A		◆ Advertise Bid Package - CD Co-Gen Biogas	reatment Facilities
CD30720	Bid Solicitation Period - CD Co-Gen Biogas Treatment Facilities	91	17-Nov-16 A	15-Feb-17 A	Bid Solicitation Period - CD Co-Gen Bi	gas Treatment Facilities
CD30730	Bids Due - CD Co-Gen Biogas Treatment Facilities	0	16-Feb-17 A		♦ Bids Due - CD Co-Gen Biogas Treatmo	nt Façilities
CD30740	Bid Review Period - CD Co-Gen Biogas Treatment Facilities	19	16-Feb-17 A	06-Mar-17 A	■ Bid Review Period - CD Co-Geh Biog	s Treatment Facilities
CD30750	Award Recommendation - CD Co-Gen Biogas Treatment Facilities	0		06-Mar-17 A	◆ Award Recommendation - CD Co-Ge	Biogas Treatm ent Facilities
CD84830	Updated Award Recommendation (issued after) - CD Co-Gen Biogas Treatment Facilities	0		29-Jun-17 A	◆ Updated Award Recommend	ton (Issued after) - CD Co-Gen Biogas Treatment Facilities
CD12121	Procurement - CD Co-Gen Biogas Treatment Facilities	381	16-Sep-16 A	01-Oct-17	Procurement - CD Co-C	en Bipgas Treatment Facilities
CD30760	Final Approvals - CD Co-Gen Biogas Treatment Facilities	209	07-Mar-17 A	01-Oct-17	Final Approvals - CD.C	GenBiogas Treatment Facilities. ✓ 21-Oct-19, Construction
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CD12130	Contractor Notice to Proceed (NTP) - CD Co-Gen Biogas Treatment Facilities	0	02-Oct-17	05.1: 12	◆ Contractor Notice to Pr	ceed (NTP) - CD Co-Gen Biogas Treatment Facilities
CD83530	Complete Switchgear Building Commissioning (Milestone #1) - CD Co-Gen Biogas Treatment Facilities	0	00.0.1.17	25-Mar-19		Complete Switchgear Building Commissipning (Milestone #1) - CD Co-Gen Biogas Treatment Facilities
CD12131	Construction - CD Co-Gen Biogas Treatment Facilities	660	02-Oct-17	23-Jul-19		Construction - CD Co-Gen Biogas Treatment Facilities
CD12141	2.19 (2) Substantial Completion (CD Compliance Date 3/31/19) - CD Co-Gen Biogas Treatment Facilities	0	04 1 1 12	23-Jul-19*		♦ 2.19 (2) Substantial Completion (CD Compliance Date 3/31/19) -CD Co-Gen Biogas Treatment Facilities
CD40210	Project Closeout - CD Co-Gen Biogas Treatment Facilities	90	24-Jul-19	21-Oct-19*		Project Closeout - CD. Co-Gen Biogas. Treatment Facilities.
Project Administration	WASD Project Administration, CD Co Con Biograp Treatment Facilities	1601	04-Jun-15 A	21-Oct-19		
CD34170	WASD Project Administration - CD Co-Gen Biogas Treatment Facilities	1601	04-Jun-15 A 14-Apr-16 A	21-Oct-19		WASD Pto ject Administration - CD Co-Gen Biogas Treatment Facilities ✓ 21-Sep-19, 2.19 (2)b Co-Gen Restroom and Building Rehab
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OD10990	Final BODR - CD Co-Gen Restroom and Building Rehab	14	26-May-16 A		■ BODR Review Period - CD Co-Gen Restroom and Buildin	g Reḥab
CD71040	· · · · · · · · · · · · · · · · · · ·	59		08-Jun-16 A	■ Final BODR - CD Co-Gen Restroom and Building Rehal	
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CD71000	60% Design Submittal - CD Co-Gen Restroom and Building Rehab		07 10.00	20 40 4	Of 70 Design Gubinnaar - OD Go-Gen restroom and	unung Kenab
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CD82040 Pr	Procurement - CD Co-Gen Restroom and Building Rehab	185	19-Aug-17	19-Feb-18				_	<u> </u>	■ Procurem	ent - CD Co-C	en Restro	oom and	Building I	Rehab							- 1	1 1			
CD82050 Fi	inal Approvals (BCC, Mayor, Risk Mgmt.)-CD Co-Gen Restroom and Building Rehab	60	22-Dec-17	19-Feb-18							rovals (BCC, J					stroom a	nd Build	ding Reha	ab							
Construction		579	20-Feb-18	21-Sep-19						•			2	1-Sep-19,	Constru	ction										
CD82060 C	Contractor Notice to Proceed (NTP) - CD Co-Gen Restroom and Building Rehab	0	20-Feb-18							◆ Contracto	r Notice to Pro	nceed (NT	TP) - ĊD (Co-Gen R	estroom	and Bui	Idina Re	ehab	1				1 1			
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CD12251 Pr	Pre-Design - CD Pump Station No. 1	59	16-Jun-15 A	13-Aug-15 A	ign CD.E	Pump Stat	ion No. 1									!		1			11		.11			
Engineering Design		688	13-Aug-15 A	30-Jun-17		1 1	1 1	30-	-Jun-17, E	ngineering D	esign															
CD21440 C	Condition Assessment - CD Pump Station No. 1	70	31-Aug-15 A	08-Nov-15 A	ndition A	ssessme	nt - CD Pump	Station N	No. 1														1 1			
CD21450 C	Condition Assessment Review Period - CD Pump Station No. 1	12	09-Nov-15 A	20-Nov-15 A	ondition A	Asses sme	ent Review Pe	riod - CD	Pump St	ation No. 1																
CD83260 EI	PA Start Date for Engineering Design - CD Pump Station No. 1	0	01-Oct-16 A			- 1	EPA Start Da		- 1	1 1	Purn Station	Nh 1					- 1						- 1			
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CD81920 EI	PA Compliance Date for Engineering Design - CD Pump Station No. 1	0		30-Jun-17*				EP/	A Compli	ance Date fo	Engineering.	Design - C	CD Pum	Station !	ا. ا ا ـ ا ـ ا ـ ا ما			ļ								
Permitting		294		05-Feb-18						▼ 05-Feb-18									1				1 1	.		
CD80180 R	RER Permit - CD Pump Station No. 1	28	15-May-17 A	06-Jun-17 A		- 1		RER	Permit -	CD Pump Sta	tion No. 1	1 1			- 1		1		1	1	: :	;	1 1			
CD83270 EI	PA Start Date for Permitting - CD Pump Station No. 1	0	01-Jul-17*					₽ EP/	A Start Da	ate for Permit	ing - CD Pum	p Station	No. 1													
CD10830 Pe	Permitting - CD Pump Station No. 1	264	15-May-17 A	02-Feb-18							- CD Pump S								İ				1 1	.		
CD80200 C	City of Miami Permit - CD Pump Station No. 1	236	12-Jun-17 A	02-Feb-18					1 1	1 1	mi Permit - C	1 1	1	0 1		-						i	1 1			
CD81930 EI	PA Compliance Date for Permitting - CD Pump Station No. 1	0		05-Feb-18*		1 1			1 1	1.7	1 1	1 1		1 1	tion N-	1				-			1 1			
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CD11150 C	Construction - CD Pump Station No. 1	907	07-Sep-16 A	11-May-19	1 3	- i - <u>- i</u>	1 1		1 1	1 1				Construct	tion - CE	Pump :	Station I	No. 1			1 1	!	1 1			

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CD84790	Construction of PS #1 - CD Pump Station No. 1	400	07-Apr-18	11-May-19	Q1 Q2 Q0	7 Q7 Q1	QZ	Q0 Q1	41	SZ GO	Q+		: :	-		+ +		×2 Q0	Q+ Q	QZ	Q0 Q7	Q I G	2 00 1	XT Q1
CD11210	Substantial Completion (CD Compliance Date 10/23/19) - CD Pump Station No. 1	0		11-May-19*	1				-	- 1	1 1	1	Construction	1 1		1 1		10/23/10) - CD Pump	Station	lo 1			
CD40220	Project Closeout - CD Pump Station No. 1	90	12-May-19	09-Aug-19*				i					i i	ct Closeou	i	1 1	i	i) - CD Pullip	Station	IO. 1			
CD81950	EPA Compliance Date for Construction - CD Pump Station No. 1	0	-	23-Oct-19*								_	1 1			! !			Dump Static	nNo 1				
Project Administration		1370	31-Aug-15 A	09-Aug-19	! !								09-Au	ig-19, Proj	ect Admin	stration	prizmacn	10117-00	Pump.Statio	11,10,-1,		1		
CD34180	WASD Project Administration - CD Pump Station No. 1	1370	31-Aug-15 A	09-Aug-19		<u> </u>			<u> </u>		<u> </u>		₩ASI	D. Project	Administra	tion - Of	D Pump	Station	No 1					
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CD12261	Pre-Design - CD Pump Station No. 2	198	30-Sep-14 A	15-Apr-15 A	Pump Station N	10.2																		
Engineering Design		561	01-Oct-14 A	13-Apr-16 A	Pump Station N 13-Apr-	16 A, Engine	ering Des	ign												-11		1		
CD83300	EPA Start Date for Engineering Design - CD Pump Station No. 2**	0	01-Oct-14 A		Design - CD P	um n Station	Nb 2**																	
CD81590	EPA Compliance Date for Engineering Design - CD Pump Station No. 2**	0		05-Feb-15 A	e for Engineerin	1.1	1.	Station No	2**	Ì								į						
CD20490	Basis of Design Report (BODR) - CD Pump Station No. 2	111	16-Apr-15 A	04-Aug-15 A					1 1															
CD20500	BODR Review Period - CD Pump Station No. 2	17	05-Aug-15 A	21-Aug-15 A		: :		:										- 1						
CD30310	Negotiation of Final Design - CD Pump Station No. 2	122	21-Jul-15 A	19-Nov-15 A					0 2															
CD20530	60% Design Submittal - CD Pump Station No. 2	70	19-Nov-15 A	27-Jan-16 A		1 1		- :										- }						
CD20540	60% Design Review - CD Pump Station No. 2	7	28-Jan-16 A	03-Feb-16 A		11 11	1 1	1	1															
CD20550	100% Design Submittal - CD Pump Station No. 2	35	04-Feb-16 A	09-Mar-16 A	100% Design			1		- }								- }						
CD40530	Develop Pre-Purchase Bid Packages (Odor Control, Valve, Flowmeter) - CD Pump Station No. 2	66	31-Jan-16 A	05-Apr-16 A	Develop	-1		1 1		al Valva	Flowmet	or) CDD	ımn Station	No 2				Ì						
CD10270	Engineering Design - CD Pump Station No. 2	365	15-Apr-15 A	13-Apr-16 A		ering Design				n, valve,	riowine	EI)- CD F	utilp Station	110.2				- }						
CD40510	100% Design Review/Permit Ready Submittal - CD Pump Station No. 2	35	10-Mar-16 A	13-Apr-16 A		1 1			1 1	D D	04-4:	N- 0						i						
Permitting		678	06-Feb-15 A	15-Dec-16 A	100%_L	Design Revie	WPemit Déc-16 A	, Permittir	iomittal - C	D. Pump	Station	NO2				11								
CD83310	EPA Start Date for Permitting - CD Pump Station No. 2	0	06-Feb-15 A		mitting - CD Pu	mb Station N	10, 2											i						
CD80130	Miami 21 Zoning Permit - CD Pump Station No. 2	54	18-Apr-16 A	10-Jun-16 A	1 1 1	ımp Station r ımi 21 Zonind		CD bum	Station N	10 3														
CD82120	DERM Permit - CD Pump Station No. 2	70	13-Apr-16 A	21-Jun-16 A	1 1	1 1 1		- 1	1 1	NO. 4														
CD82130	FDOT Permit - CD Pump Station No. 2	11	23-Sep-16 A	03-Oct-16 A		RM Permit -	- 1 - E		!!!									-						
CD10350	Permitting - CD Pump Station No. 2	234	13-Apr-16 A	02-Dec-16 A	- : :				ation No. 2 Station No.															
CD80060	City of Miami Permit - CD Pump Station No. 2	159	27-Jun-16 A	02-Dec-16 A					1 1	1														
CD81600	EPA Compliance Date for Permitting - CD Pump Station No. 2	0	27 0011 1071	15-Dec-16 A	_	1 1 1			CD Pump S		1 1													
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CD40550	Advertise Pre-Purchase Package (Plug Valve) - CD Pump Station No. 2	0	06-Apr-16 A	27-Iviai-17 A	- [1 1	i	-	į												
CD40560	Advertise Pre-Purchase Package (Flow Meter) - CD Pump Station No. 2	0	06-Apr-16 A		1 : :	e Pre-Purcha			: :								i	Ì	1 1					
CD40580	VendorBid & Award (Plug Valve) - CD Pump Station No. 2	13	06-Apr-16 A	18-Apr-16 A		e Pre-Purcha		٠,	1 1		1 1	o. 2												
CD40610	VendorNTP (Plug Valve) - CD Pump Station No. 2	0	18-Apr-16 A	10-401-10-4	- I i i	Bid & Award		- :		- 1	!							į	i i					
CD40510	, , , ,	17	06-Apr-16 A	22-Apr-16 A	1 1 1	NTP (Plug V			1 1	!														
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CD40620	Vendor NTP (Flow Meter) - CD Pump Station No. 2	0	22-Apr-16 A		◆ Vendor	rNTP (Flow N	∕leter) - C	O Pump S	tation No.	2														
CD40540	Advertise Pre-Purchase Package (Odor Control) - CD Pump Station No. 2		17-Jun-16 A	00 1 40 4	◆ Adv	vertise Pre-Pu	ırchase F	Package (Odor Contr	ol) - CD	Pump Sta	ation No. 2		1 1				i						
CD40650	Fabricate & Deliver Flow Meter - CD Pump Station No. 2	60	· ·	20-Jun-16 A	Fat	bricate & Del	ver Flow	Meter - C	D Pump St	tation No	o. 2													
CD30780	Design Documents Sent to Procurement - CD Pump Station No. 2	0	15-Jul-16 A		-	Design Docur	n ents Se	nt to Proc	urement - (CD Pum	p Station	No. 2					i	i i						
CD83320	EPA Start Date for Procurement - CD Pump Station No. 2	0	29-Jul-16 A			EPA Start Da	te for Pro	cure ment	- CD Pumi	p Station	No. 2													
CD40570	VendorBid & Award (Odor Control) - CD Pump Station No. 2	54		09-Aug-16 A	_	Vendor Bid 8	Award (Odor Cont	rol) - CD P	ump Sta	ition No. 2	2					i	- 1						
CD40600	Vendor NTP (Odor Control) - CD Pump Station No. 2	0	10-Aug-16 A		→	Vendor NTP	(Odor O	ntrol) - C	Pump Sta	ation No	. 2							- 1						
CD30800	Advertise Bid Package - CD Pump Station No. 2	0	29-Aug-16 A			Advertise B	Bid Pack	ige - CD F	ump Stati	on No. 2														
CD30790	Submit/Approve SBD Goals and Request to Advertise - CD Pump Station No. 2	47	15-Jul-16 A	30-Aug-16 A		Submit/Ap	prove SB	D Goals a	nd Reques	st to Adv	ertise - Cl	D Pump S	tation No. 2											
CD30810	Bid Solicitation Period - CD Pump Station No. 2	49	29-Aug-16 A	16-Oct-16 A	_	Bid Soli	citation	Period - Cl	PumpSt	tation No	. 2													
CD30820	Bids Due - CD Pump Station No. 2	0	17-Oct-16 A			Bids Du																		
CD40640	Fabricate & Deliver Plug Valve - CD Pump Station No. 2	226	18-Apr-16 A	29-Nov-16 A		- ; ;		- 1	Valve - C	D Pump	Station N	No. 2												
CD30830	Bid Review Period - CD Pump Station No. 2	66	17-Oct-16 A	21-Dec-16 A		1 1			D Pump S		1 1													
CD30840	Award Recommendation - CD Pump Station No. 2	0		21-Dec-16 A		i i	- 1	- ;	ion - CD P	- 1	- 1	2												
CD10580	Procurement - CD Pump Station No. 2	193	15-Jul-16 A	23-Jan-17 A					Pump Stat															
CD30850	Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Pump Station No. 2	33	22-Dec-16 A	23-Jan-17 A		<u> </u>	inal Anni	nvals (BC	C, Mayor,	Risk Mo	mt) - CD	Pumn Sta	ation No. 2			1 1								
CD81610	EPA Compliance Date for Procurement - CD Pump Station No. 2	0		04-Feb-17 A		- : :		- :	ate for Pro			- :	: :											
CD40630	Fabricate & Deliver Odor Control System - CD Pump Station No. 2	230	10-Aug-16 A	27-Mar-17 A	T _				1		1 1		1 1	2				i						
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CD10818	Contractor Notice to Proceed (NTP) - CD Pump Station No. 2	0	24-Jan-17 A			•	ontracto	r Notice to	Proceed ((NTP) - C	D Pumn	Station No	2											
CD83330	EPA Start Date for Construction - CD Pump Station No. 2	0	05-Feb-17 A					1	Construction	- 1	1 1							-						
CD10820	Construction - CD Pump Station No. 2	261	24-Jan-17 A	11-Oct-17	7				Constructio															
CD10970	Substantial Completion (CD Compliance Date 10/22/17) - CD Pump Station No. 2	0		11-Oct-17*	7	-			1 1	İ	1 1	1	e Date 10/2	22/17) 05) Dum s St	ation No	. 2							
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CD40230	Project Closeout - CD Pump Station No. 2	90	12-Oct-17	09-Jan-18*	1			T	1 1	i	i i	i	i i '	J GLALION;N	0. 2									
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CD34190	WASD Project Administration - CD Pump Station No. 2	1000	16-Apr-15 A	09-Jan-18					1 1				1 1	tida Na la								1		
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CD83340	EPA Start Date for Engineering Design - CD O2 Plant Process Controls Phase 2	0	01-Oct-13 A	02 1 05-14 A						-		-												
CD10010	Engineering Design - CD O2 Plant Process Controls Phase 2	81	01-Oct-13 A	20-Dec-13 A	rocess Controls	Phase 2																		
CD81630	EPA Compliance Date for Engineering Design - CD O2 Plant Process Controls Phase 2	0	01 000-1074	02-Feb-14 A	- 1		1									1	-							
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CD10340	Procurement - CD O2 Plant Process Controls Phase 2	315 03-	Jun-14 A	13-Apr-15 A		ent - CD O2 Pla																			
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CD10570	Construction - CD O2 Plant Process Controls Phase 2	372 20-	-Apr-15 A	25-Apr-16 A		1 1	Cons	truction - CE	O2 Plant I	Process	Controls F	Phase 2													
CD10850	Substantial Completion (CD Compliance Date 3/09/17) - CD O2 Plant Process Controls Phase 2	0		25-Apr-16 A	◆ Sub	stantial Comple	etion (CI	D Complian	de Date 3/0	09/17) - 0	D O2 Plar	nt Proce	es's Contro	ls Phase	e 2							į			
CD40240	Project Closeout - CD O2 Plant Process Controls Phase 2	172 26-	-Apr-16 A	14-Oct-16 A		Project	Closeo	t - CD O2 F	lant Proces	ss Contr	ols Phase	2													
CD81660	EPA Compliance Date for Construction - CD O2 Plant Process Controls Phase 2	0		09-Mar-17 A			. EPA (Compliance roject Admin	Date for Co	onstructi	ion CD.O	2 Plant	Process C	Controls I	Phase 2				1		11.		11.		
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CD34200	WASD Project Administration - CD O2 Plant Process Controls Phase 2	1110 01-	-Oct-13 A	14-Oct-16 A		WASD.	Project/	Administrati	on - CD Ω2	Plant P	rocess Co	ntrols F	hase 2						ļļ		44-		J		
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CD12271	Pre-Design - CD Gas Monitoring and Alarms	116 19-0	Dec-14 A	13-Apr-15 A	Gas Monitori	ng and Alarms. ring Design	<u>. i</u>	1	<u> </u>		il		il		ii.			i	ij		.11.		.il		
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CD83380	EPA Start Date for Engineering Design - CD Gas Monitoring and Alarms**	0 01-	Jan-15 A		neering Desig	n - CD Gas Mor	nitoring	and Alarms	*																
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CD81690	EPA Compliance Date for Permitting - CD Gas Monitoring and Alarms	0		19-Apr-16 A	♦ FPA	Compliance Da	; ate for P	emitting - (D Gas Mo	nitorina :	and Alarms	s													
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CD83400	EPA Start Date for Procurement - CD Gas Monitoring and Alarms	0 20-	-Apr-16 A		◆ EPA	Start Date for P	rocurem	nent - ĊD Ga	s Monitorir	ng and A	lams														
CD81700	EPA Compliance Date for Procurement - CD Gas Monitoring and Alarms	0		19-Aug-17*				i i	ompliance		i i	nent - C	D Gas Mor	nitoring a	and Alam	ıs			i i			į			
CD10590	Procurement - CD Gas Monitoring and Alarms	562 07-	-Mar-16 A	19-Sep-17					urement - (
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CD31030	Contractor Notice to Proceed (NTP) - CD Gas Monitoring and Alarms	0 12-	-Oct-16 A			◆ Contrac	tor Notic	e to Procee	d (NTP) - C	D Gas N	Monitorina	and Ala	ırms												
CD83410	EPA Start Date for Construction - CD Gas Monitoring and Alarms	0 05-1	-Mar-17 A			1 1	1	Start Date fo	1 (1	1 1 -	1	1 1				į								
CD10840	Construction - CD Gas Monitoring and Alarms	343 12-	-Oct-16 A	19-Sep-17					struction - (
CD10930	Substantial Completion (CD Compliance Date 9/19/17) - CD Gas Monitoring and Alarms	0		19-Sep-17*	7			Sub	stantial Co	mpletion	(CD Com	nnliance	Date 9/10	9/17) - CI	DiGas Mid	nitorina	iand Ala	arms							
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CD11320	Engineering Design - CD Ventilation Improvements	2187 11-	Jun-14 A	05-Jun-20			-		1 1	:	: :	-	: :	1			_	:	Engi	neering De	esign - Cr) Ventilation	on Impro	vements	
CD83420	EPA Start Date for Engineering Design - CD Ventilation Improvements	0 01-	-Jan-21*			1 1				1	1 1	-	1 1		T		<u> </u>	DA Start	1 7	1	1.	n - CD Ver	1 1	1	1 1
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CD11360	Permitting - CD Ventilation Improvements		-Sep-15 A	02-Dec-20			1		1 1	-	1 1	-	1 1	- 1	1 1	1	_		-	-	\rightarrow	Permitting	d-CD	/entilation	n Improveme
CD83430	EPA Start Date for Permitting - CD Ventilation Improvements		3-Jul-21*			: :	-		! !	-	! !	-				!	-		ED.	Ctort D -1	1 1	tting - CD	1 1	i	11 1
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CD11480	Procurement - CD Ventilation Improvements		-Apr-16 A	29-Aug-21	1 <u> </u>	1 1	1			1	<u> </u>		<u> </u>	-	<u> </u>						-	1	+ +		rocurement -
CD83440	EPA Start Date for Procurement - CD Ventilation Improvements		3-Jul-22*			: :	-		1 1				1 1	- :	1 1	-	- 1	-				EDA Ctart	Doto e-		1 1
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CD11560	Construction - CD Ventilation Improvements		-Oct-16 A	22-Apr-23	1	1	1		<u> </u>	1	<u> </u>	i	1 1	i	<u>i i</u>	i		1	<u>i i</u>	i	<u> </u>	į	1 1	. :-	+ +
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CD40260	Project Closeout - CD Ventilation Improvements		3-Apr-23	21-Jul-23*	1																			i	PA Start Date
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CD12281	Pre-Design - CD Ventilation Improvements		-Dec-18*	04-May-19	1							- 1	1 1			. !			i			-		- 1	
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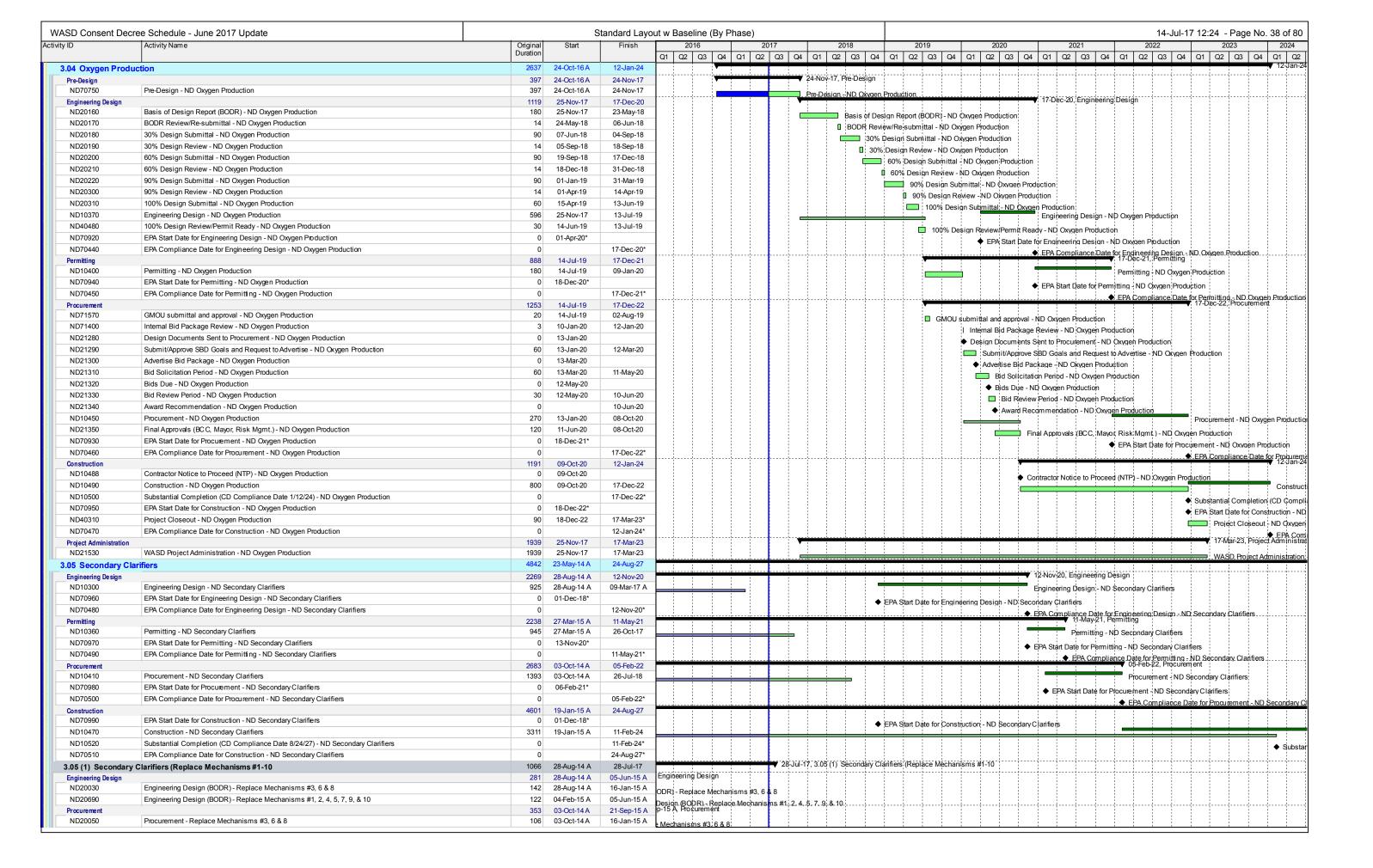


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CD70880	Engineering Design - Site Preparation (utilities and demolition)	265	30-Sep-16 A	21-Jun-17 A					eering Design - Site Preparati	+ +	- : :											
CD82190	100% Design Submittal Permit Ready - Site Preparation (utilities and demolition)	161	12-Jan-17 A	21-Jun-17 A					Design Submittal Permit Rea	1 1	1 1		and demic	olition)								
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rmitting		209	16-Mar-17 A	29-Jun-17 A				29-Jun	n-17 A, Permitting	T												
D33810	DERM Permit - Site Preparation (utilities and demolition)	119	16-Mar-17 A	11-May-17 A	_			ERM Per	ermit - Site Preparation (utiliti	ies and d	lemolition)				į							į
CD82240	Permitting - Site Preparation (utilities and demolition)	209	16-Mar-17 A	29-Jun-17 A				Permitt	itting - Site Preparation (utiliti	ies and d	emolition)											
CD70890	COM Permit - Site Preparation (utilities and demolition)	189	05-Apr-17 A	29-Jun-17 A	ljj.			COM P	Permit - Site Preparation (util	lities and	l demolition	.)							ـــران ــال			j
27 (2) Oxygen P	Production Design-Build	2068	19-Dec-14 A	16-Aug-20										16-A	ug+20, 2.	27 (2) Oxyg	gen Produc	ction¦Desi	gn-Build	1		
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CD12291	Pre-Design - CD Oxygen Production	115		12-Apr-15 A	Oxygen Product	tiop							-			ļ						ļ
Engineering Design		733	13-Apr-15 A	14-Apr-17 A			14	Apr-17¦A,	A, Engineering Design													
CD21640	Basis of Design Report (BODR) - CD Oxygen Production	136	13-Apr-15 A	26-Aug-15 A	of Design Report	rt (BODR) - C	D Oxyge	n Product	ction						į					1 1		i
CD21580	BODR Review Period - CD Oxygen Production	14	27-Aug-15 A	09-Sep-15 A	Review Period	- CD Oxyge	n Product	on														
CD30330	Negotiate Phase II Design - CD Oxygen Production	428	27-Jul-15 A	26-Sep-16 A		Negotia	ate Phase	II Desigr	gn - CD Oxygen Production		1 1		1 1		į		-			1 1		į
CD33780	Design Criteria Package Initial Submittal - CD Oxygen Production	150	27-Sep-16 A	23-Feb-17 A	1		Desig	Criteria	a Package Initial Submittal -	CD Oxyg	en Producti	on										
CD82200	Final Basis of Design Report (BODR) and Specs - CD Oxygen Production	150	27-Sep-16 A	23-Feb-17 A	1	<u> </u>	Final E	asis of D	Design Report (BODR) and S	Specs - C	D Oxygen F	Production			į		-					į
CD33790	DCP Design Review - CD Oxygen Production	25	24-Feb-17 A	20-Mar-17 A			DCF	Design F	Review - CD Oxygen Produc	ction												
CD33800	Final DCP Submittal - CD Oxygen Production	10	21-Mar-17 A	30-Mar-17 A			Fina	DCP Su	Submittal - CD Oxygen Produc	ction					į							
CD82260	Engineering Design - CD Oxygen Production	733	13-Apr-15 A	14-Apr-17 A			≕ En	ineering	g Design - CD Oxygen Produ	ction												
CD82210	Issue Final RDBS - CD Oxygen Production	200	27-Sep-16 A	14-Apr-17 A	1		_ lss	ue Final I	I RDBS - CD Oxygen Product	tion						<u> </u>]]		. j j			J
Procurement		353	17-Apr-17 A	05-Mar-18			V		05-Mar-18, Procui	rement!												į
CD84120	Internal Bid Package review - CD Oxygen Production	49	17-Apr-17 A	04-Jun-17 A				Internal E	Bid Package review - CD Ox	xygen Pro	duction									1 1		-
CD31040	RDBS sent to ISD - CD Oxygen Production	0	05-Jun-17 A		1		•	RDBS se	sent to ISD - CD Oxygen Prod	duction												
CD31050	Submit/Approve SBD Goals and Request to Advertise - CD Oxygen Production	25	05-Jun-17 A	29-Jun-17 A				Submit	nit/Approve SBD Goals and R	Request to	Advertise -	- CD Oxyg	en Produc	tion								!
CD33840	Advertise RDBS - CD Oxygen Production	0	30-Jun-17						tise RDBS - CD Oxygen Prod			1										
CD33850	Request for Qualifications - CD Oxygen Production	30	30-Jun-17	29-Jul-17					quest for Qualifications - CD	1 1	Production				į							į
CD33860	Qualifications Package Due - CD Oxygen Production	0		29-Jul-17				1 1	alifications Package Due - CI	1 1		1										
CD33870	Qualification Review Period - CD Oxygen Production	45	30-Jul-17	12-Sep-17					Qualification Review Period -	1	1 1				į							į
CD33880	Shortlist Published - CD Oxygen Production	0		12-Sep-17					Shortlist Published - CD Oxyg	1 1	1 1											:
CD33890	Request for Proposals - CD Oxygen Production	90	13-Sep-17	11-Dec-17	1			1 1	Request for Proposals		: :	tion			į							į
CD31060	Proposals Due - CD Oxygen Production	0	12-Dec-17						◆ Proposals Due - CD Ox	1 1	1 1	lion										!
CD31070	Proposal Review Period - CD Oxygen Production	30	12-Dec-17	10-Jan-18	1				Proposal Review Per	1 1		duotida										
CD31080	Award Recommendation - CD Oxygen Production	0	11-Jan-18		1 1				T 1 1 1	1. 1	- 1		- 1					- 1		1 1		:
CD31100	Contract Negotiations - CD Oxygen Production	30	11-Jan-18	09-Feb-18	1				Award Recommenda	i i	i i	i										
CD82250	Procurement - CD Oxygen Production	274	05-Jun-17 A	05-Mar-18	1				■ Contract Negotiation													
CD31110	Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Oxygen Production	24	10-Feb-18	05-Mar-18	1		-		Procurement - CD	Oxygen	Production											
De sign-Build		895	06-Mar-18	16-Aug-20					Final Approvals (I	BCC, Ma	yor, Risk Mg	gmt.) - CD	-Oxygen _: P	roductio 16-A	ug-20, D	esign-Build	1					
CD33820	Design-Builder NTP - CD Oxygen Production	0	06-Mar-18	101100	1					1 1	1 1	:										
CD84700	Construction of Site Preparation (CD 2.27(1)) - CD Oxygen Production	290	06-Mar-18	20-Dec-18					◆ Design-Builder N			:		0.07(4))	000	L						
CD84720	Construction Completion Milestone #1 (CD Compliance Date 12/30/19) - CD Oxygen Production	0		20-Dec-18*	1					1 1	ruction of Si		1 1			0 0	1 1	D 0	b			
CD33910	Final Engineering by Design-Builder - CD Oxygen Production	300	06-Mar-18	30-Dec-18	1				<u> </u>	- 1	1 1		- 1	1 1		1 1	(30/19) - C	D Oxygen	Production			
CD33920	AHJ Permit Review - CD Oxygen Production	320	04-Jul-18	19-May-19	1					Final	Engineering		1 1			! !						
CD84750	Design-Builder Summary (NTP to Milestone #2) - CD Oxygen Production	655	06-Mar-18	20-Dec-19	1					1 1	AHJ Pe	- 1	- 1		- 1	1 1						
CD70930	Design-Builder Construction - CD Oxygen Production	440	07-Oct-18	20-Dec-19	1							!		!	!	! !		!	n Production	וו		
CD84730	Construction Completion Milestone #2 (CD Compliance Date 12/30/19) - CD Oxygen Production	0	07 001 10	20-Dec-19*	1					1 1	1 1	i	- i - i -	- 1	i i	CD Oxyge	1 1	i				
CD84740	Construction of VPSA2 (Non-Consent Decree) - CD Oxygen Production	150	21-Dec-19	18-May-20	-							◆ Co	i i	i	i	i i	1 1	i	te 12/30/19)	i i	i	tion
CD11240	Substantial Completion (Non-Consent Decree) - CD Oxygen Production	0	21 200-10	18-May-20	+							:	1 1			1 1	1 1	1 .	CD Oxygen F	1 1	1	
CD40270	Project Closeout - CD Oxygen Production	90	19-May-20	16-Nay-20 16-Aug-20	1								♦ Şu	- 1	1 1	1 11	1 1		D Oxygen F	roduction	1	!
Project Administration	1 1	1953	13-Apr-15 A	16-Aug-20	 			<u> </u>			<u></u>	· 		. Proje 16-A	ect Close ug-20 P	out - CD O	xygen Pro inistration	duction				 -
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28 SCADA RTU	, , , , , , , , , , , , , , , , , , , ,	179	•	29-Mar-14 A	1										SU Projec	ctAdminist	rationCE	.Oxygen	Production_			i
	- opg. a			29-Mar-14 A												 						<u> </u>
Construction CD71210	EPA Start Date for Construction - CD SCADARTU Upgrades	179	01-Oct-13 A 01-Oct-13 A	29-IVIAI-14 A	1.																	
CD10020	Construction - CD SCADARTU Upgrades	133		10-Feb-14 A	ades													- 1				}
CD10020	Substantial Completion (CD Compliance Date 3/29/14) - CD SCADA RTU Upgrades	0	01-00FISA	10-Feb-14 A	1																	i
CD10100	EPA Compliance Date for Construction - CD SCADA RTU Upgrades	0		29-Mar-14 A	_e 3/29/14) - CD		J Upgrad	s										:				:
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	th Influent Impact Study	-	12-Feb-13 A					ļ						· 		 						
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CD71220	EPA Start Date for Engineering Study - CD High Strength Influent Study Im pact	0	12-Feb-13 A	00.11	lm pact																	!
CD10000	Engineering Study - CD High Strength Influent Study Impact	472	12-Feb-13 A	29-May-14 A	h Influent Study	y Impact																
CD10190	Substantial Completion (CD Compliance Date 6/24/14) - High Strength Influent Impact Study	0		05-Jun-14 A	nce Date 6/24/1													i				:
CD81820	EPA Compliance Date for Engineering Study - CD High Strength Influent Study Impact	0		24-Jun-14 A	g_StudyCD_Hi				nact	ا دعیمای			ــــــــــــــــــــــــــــــــــــــ			ļ			.ļ	ـالــــالِــ		ļ
CM CDWWTP C	CM Office & Contractor Trailers Site Prep	768	05-Nov-15 A	11-Dec-17					TI-Dec-17, Z.CIVI CDVV		Office & Co			te Prep								
Pre-Design		168	05-Nov-15 A	21-Apr-16 A	21-Apr	r-16 A, Pre-D	esign			-[1	7777		
CD70000	Pre-Design - CDWWTP Contractor's Trailers Site Prep	169	05-Nov-15 A	21-Apr-16 A	Pré-De	esian - CDW	/WTP Co	tractor's	s Trailers Site Pren							i				1. 1		
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CD70010	Engineering Design - CDWWTP Contractor's Trailers Site Prep	201	22-Apr-16 A	08-Nov-16 A		Engi	neering F	esian - C	CDWWTP Contractor's Traile 7 A, Permitting	els Site	Pren			- 1				- 1		1 1		1
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CD80010	Florida Department of Health Permit - CDWWTP Contractor's Trail ers Site Prep	6	14-Dec-16 A	19-Dec-16 A			+ +	-		of Health Pem									-						
CD80020	DERM Permit - CDWWTP Contractor's Trailers Site Prep	86	12-Dec-16 A	07-Mar-17 A			1 1						1 1	1	ile Fieb				}	-					
CD70020	Permitting - CDWWTP Contractor's Trailers Site Prep	175	08-Nov-16 A	01-May-17 A				- 1	i	i i	i i	i i	i i	i	1 1		i		Ì	į					}
CD84560	COM Permit - CDWWTP Contractor's Trailers Site Prep	77	14-Feb-17 A	01-May-17 A						CDWWTPC										!					
Procurement		104	02-May-17 A	13-Aug-17					13-A	tCDWWTP ug-17, Procur	Contrac rement	tors. Iraue	rs; Site Pi	rep				- -			ii				
CD84570	Design Documents Sent to Procurement - CDWWTP Contractor's Trailers Site Prep	0	02-May-17 A	107 tag 17				A D	-: b				DIADATT		باريح باري	O: D				-					
CD84580	Submit/Approve SBD Goals and Request to Advertise - CDWW TP Contractor's Trailers Site Prep	15	02-May-17 A	16-May-17 A	-			- i	i i	uments Sent	i i	i i	i i	i i	i i	i	i i			-					
CD84590	Advertise Bid Package - CDWWTP Contractor's Trailers Site Prep	0	17-May-17 A	To May 1771	-					prove SBD Go	!	! !	1 1	!		tractor's	Trailers S	Site Prep							
CD84600	Bid Solicitation Period - CDWWTP Contractor's Trailers Site Prep	44	17-May-17 A	29-Jun-17 A	- 1			◆ A (i	Bid Package -	i i		i i	i i	i' i					1			- 1		-
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CD84610	Bids Due - CDWWTP Contractor's Trailers Site Prep	0	30-Jun-17		-			•	Bids Du	ie - CDWWTF	P Contra	tor's Trail	ersSite F	rep						į					
CD84620	Bid Review Period - CDWWTP Contractor's Trailers Site Prep	15	30-Jun-17	14-Jul-17	_ :	- 1		1 🏮	Bid Re	view Period -	CDWW	TP Contra	ctor's Trai	ilers \$ite F	Prep :			1 1		1	1		1		1
CD84630	Award Recommendation - CDWWTP Contractor's Trailers Site Prep	0	15-Jul-17					k	Award	Recommend	dation - C	DWWTP	Contracto	r's Trailers	s Site Pre	р				!					
CD70030	Procurement - CDWWTP Contractor's Trailers Site Prep	104	02-May-17 A	13-Aug-17	_				■ Proc	urement - CD	WWTP	Contractor	's Trail ers	Site Prep						į					
CD84640	Final Approvals - CDWW TP Contractor's Trailers Site Prep	30	15-Jul-17	13-Aug-17					 Lina	Approvals	CDWW3	P Contrac	tor's Trail	ers Site Pi	reb			. .			1				
Construction		120	14-Aug-17	11-Dec-17					•	Approvals - 0	7, Consti	uction]				
CD84650	Contractor Notice to Proceed(NTP) - CDWWTP Contractor's Trailes Site Prep	0	14-Aug-17						♦ Con	ractor Notice	to Proce	: led(NTP) -	CDWWT	P Contrac	tor's Trail	ers Site F	ren			:					
CD70040	Construction - CDWWTP Contractor's Trailers Site Prep	90	14-Aug-17	11-Nov-17		- 1				Constructio	!	! '!'	1 1	!	1 1	5,10 1	-		į	į	1				1
CD84660	Substantial Completion - CDWWTP Contractor's Trailers Site Prep	0		11-Nov-17	1				i	i i	i i	i i	i i	i	1 1	ita Dran				!					
CD81910	Project Closeout - Contractor's Trailers Site Prep	30	12-Nov-17	11-Dec-17*	1				•	Substantial	comple	uon - CDV	v vv ۱۲ CC	m City C	naners S	ire Lieb									
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CD84840	Pre-Design - CD Temporary Electrical Facilities	90	26-Feb-16 A	31-Aug-17		+	+ + +		Pre	Design - CD 29-Dec-	Tempor	ny Electric	al Facilit	ies							ļļ				
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CD84850	Engineering Design - CD Temporary Electrical Facilities	120	01-Sep-17	29-Dec-17						Enginee	ring Des	ign - CD T un-18. Per	emporary	Electrical	l Facilitie	s¦					ļļ				
Permitting		180	30-Dec-17	27-Jun-18							21-5	un-16, Per	mitung												
CD84880	Permitting - CD Temporary Electrical Facilities	180	30-Dec-17	27-Jun-18	ļ						Pem	Litting - CI	Tempor	ary Electric	cal Facili	ties					ļļ				
Procurement		180	28-Jun-18	24-Dec-18	_	- 1					1	24	-Dec-18	Procurem	ent					-					-
CD84900	Design Documents Sent to Procurement - CD Temporary Electrical Facilities	0	28-Jun-18								• Des	gn Docun	ents Ser	nt to Procu	rement -	CD Temp	orary El	ectrical F	acilities	s					
CD84910	Submit/Approve SBD Goals and Request to Advertise - CD Temporary Electrical Facilities	30	28-Jun-18	27-Jul-18	_						Sı	; lbmit/Appr	ove SBD	Goals and	Reques	t to Adver	tise-Cl	D Tempor	rary Élec	ctrical Fa	cilities				
CD84920	Advertise Bid Package - CD Tem porary Electrical Facilities	0	28-Jul-18		-						◆ Ac	vertise Bio	Packad	e - CD Ten	n porary É	lectrical	Facilitie	29							
CD84930	Bid Solicitation Period - CD Temporary Electrical Facilities	60	28-Jul-18	25-Sep-18							- 1	Bid Solid	- 1		- 1		- 1	1 1		-					
CD84940	Bids Due - CD Temporary Electrical Facilities	0	26-Sep-18		1						1	Bids Du	1 1	1	1 1	1	oui i uoi								
CD84950	Bid Review Period - CD Temporary Electrical Facilities	30	26-Sep-18	25-Oct-18	-	- 1					- 1	; ;	- 1		- i - i	- 1	al Papilis	4160			1 1		- 1		- 1
CD84960	Award Recommendation - CD Temporary Electrical Facilities	0	26-Oct-18								- '	■ Bid Re													
CD84970	Procurement - CD Temporary Electrical Facilities	180	28-Jun-18	24-Dec-18	1									nendation				1 1	s	į					
CD84980	Final Approvals - CD Temporary Electrical Facilities	60	26-Oct-18	24-Dec-18	-						-			nt - CD Tei						į					
	That April vas - OD ichipolary Electrical Facilities	300	25-Dec-18	20-Oct-19								Fi	nal Appro	vals - CD	Temporar 20-Oct-19	y Electric Constru	al:Facil.	ities							
Construction CD84990	Contractor Notice to Proceed(NTP) - CD Temporary Electrical Facilities	0	25-Dec-18 25-Dec-18	20-001-19	-								1 1	1	- 1		- 1	1 1		į					
CD85000	. , , ,	270	25-Dec-18	20 Con 10	- :	- 1			- 1		1	♦ Co	ontractor	Notice to I	Proceed(N	NTP) -¦CD) Tempo	rary Elect	trical Fa	acilities			- 1	1	1
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CD85010	Substantial Completion - CD Temporary Electrical Facilities	0		20-Sep-19	-									♦ Su	bstantial	Completi	ion - CD	Tempora	arv Elec	trical Fac	ilities				
CD85020	Project Closeout - CD Tem porary Electrical Facilities	30	21-Sep-19	20-Oct-19*		<u>i</u>				I-17, 2.SM CE	5560560995	200000000000000000000000000000000000000		.	Project QI	oseout0	CD Tem.	porary EJ	ectrical.	Facilitie	s				
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CD80000	Develop Stormwater Master Plan	397	27-Jun-16 A	28-Jul-17*			1 1	i	Deve	op Stormwate	er Maste	r Plan								į					
North District	t WWTP	5271	20-Mar-13 A	24-Aug-27	-	-							1		1	-		1			1			1	
	and Sludge Degritting & Transfer	1845	20-Mar-13 A	07-Apr-18				+		0	7-Apr-18.	3.01 Hea	idworks a	nd Sludae	e Degrittin	ig & Trans	sfer								
	and ordered bog thing a transier				an													- -							
Engineering Design	EDA Start Date for Engineering Design, ND Handwards & Studes Description	548	20-Mar-13 A 20-Mar-13 A	19-Sep-14 A	-														-	!					
ND70790	EPA Start Date for Engineering Design - ND Headworks & Sludge Degritting			44 11 4 4 2	egritting	01	1																		
ND10000	Engineering Design - ND Headworks & Sludge Degritting	479	20-Mar-13 A	11-Jul-14 A	works &	Sludge	Degritting	1 [-	i	1 1		-	1 1	İ	i	1 i			1 1	1
ND70320	EPA Compliance Date for Engineering Design - ND Headworks & Sludge Degritting	0		19-Sep-14 A	neering I	Design -	- ND Headwing	orks.&.Sl	udge De	arittina											ļļ				
Permitting		476	11-Jun-14 A	30-Sep-15 A	ep-15 A, I	rermittii ;	ırıg :							:						1					
ND70800	EPA Start Date for Permitting - ND Headworks & Sludge Degritting	0	11-Jul-14 A		leadwork	s & Slu	udge Degritti	ng												į	1				
ND70330	EPA Compliance Date for Permitting - ND Headworks & Sludge Degritting**	0		05-Sep-15 A	ompliano	e Date	for Permittin	g - ND H	eadwork	s & Sludge De	egiittina'	*								!					
ND10010	Permitting - ND Headworks & Sludge Degritting	477	11-Jun-14 A	30-Sep-15 A	itting - N	D Head	dworks & Slu	dge De g r	itting												1				
rocurement		994	01-Oct-14 A	20-Jul-17		1	1 1		▼ 20 Jul	-17, Procuren	n ent														
ND70810	EPA Start Date for Procurement - ND Headworks & Sludge Degritting	0	01-Oct-14 A		_ht - NĎ H	eadwork	rks & Sludge	Dearittin	q										-	1					
ND11445	Owner Pre-Purchase - Procurement Electrical Equip ND Headworks & Sludge Degritting	71	04-Dec-14 A	12-Feb-15 A	- i	i	i i	i i	i	ks & Sludge I	; Dearittin	b													
ND20850	Owner Pre-Purchase - Procurement Screens - ND Headworks & Sludge Degritting	95	04-Dec-14 A	08-Mar-15 A						Sludge Degritt		7								į					
ND10050	Procurement - ND Headworks & Sludge Degritting	208	08-Apr-15 A	01-Nov-15 A			D Headwork				unig			1					į	1			i		
ND70340	EPA Compliance Date for Procurement - ND Headworks & Sludge Degritting	0		03-Dec-15 A	1 1	i	1 1		Ĭ	7 1									-	!					
ND11365	Owner Pre-Purchase/Fabricate/Deliver Screens - ND Headworks & Sludge Degritting	285	09-Mar-15 A	18-Dec-15 A	1	1	1 1			eadworks & S	9.77									į					
ND20840		859	13-Feb-15 A	20-Jul-17	Owner P	re-Purch	nase/Fabrica	- 1	i	s - ND Head	i	;	- 1	į	1 1			1 1	-	į	1				1
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Construction	Contractor NTD, ND Headworks & Studes Descrition	888	02-Nov-15 A	07-Apr-18					- 1		pr-10,	Jonathac								-					
ND21360	Contractor NTP - ND Headworks & Sludge Degritting		01.5	02-Nov-15 A	_ntractor l	NTP - NI	ID Headwork	s & Slu <mark>d</mark> o	ge Deģrit	ting				į						į			i		
ND70820	EPA Start Date for Construction - ND Headworks & Sludge Degritting	0	04-Dec-15 A		_EPA Start	Date fo	or Constructi	oη - ND	leadworl	s & Sludge D	Degritting	l i		į		- 1				į	1				İ
ND71230	Milestone #1 - Commissioning of Electrical Annex - ND Headworks & Sludge Degritting	0		27-Dec-16 A		1	• M	lestone #	1 - Com	missioning of	f Electric	al Annex -	ND Head	dworks & \$	Sludge De	gritting				1					
ND10080	Construction Phase 1: Screens - ND Headworks & Sludge Degritting	576	02-Nov-15 A	30-May-17 A								on Phase					e Degritt	ting		!					
ND20830	Substantial Completion Phase 1/Milestone #2 (CD Compliance Date 4/07/18) - ND Headworks & Sludge Degritting	0		30-May-17 A	1		1 1			1 1	:		1 1	1	1 1	1 1	1 1	- 1	& Slud	1	1 1	1 1		- 1	i

	ree Schedule - June 2017 Update			ut w Baseline (By Phase)		14-Jul-17 12:24 - Page No
y ID	Activity Name	Original Start Duration	Finish			2019 2020 2021 2022 2023 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4
ND10170	Construction Phase 2: Building Improvements - ND Headworks & Sludge Degritting	728 02-Nov-15 A	29-Oct-17	Q1 Q2 Q3 Q4 Q1 Q		
ND10340	Substantial Completion Phase 2 (CD Compliance Date 4/07/18) - ND Headworks & Sludge Degritting	0	29-Oct-17			uilding Improvements - ND Headworks & Sludge Degritting
ND40280	Project Closeout - ND Headworks & Sludge Degritting	62 30-Oct-17	30-Dec-17*	1		D Compliance Date 4/07/18) - ND Headworks & Sludge Degritting
ND70350	EPA Compliance Date for Construction Phase 2: Building Improvements - ND Headworks & Sludge Degritting	0 30-001-17	07-Apr-18*	1 1 1 1 1	Project Closeout - ND Headwor	
Project Administration	EPA Compliance Date for Construction Phase 2. Building improvements - ND Headworks & Studge Degritting	1747 20-Mar-13 A	30-Dec-17		Date for S0-Dec-17. Project Administration	r. Construction. Phase 2: Building. Improvements - ND Headworks. & Sludge Degritting
ND21500	WASD Project Administration - ND Headworks & Sludge Degritting	1747 20-War-13 A	30-Dec-17			
	· · · · · · · · · · · · · · · · · · ·	2483 03-Sep-14 A	20-Jun-21		WASD Project Administration - I	ND Headworks & Sludge Degritting 20-Jun-21, 3.02 Primary Clarifiers and Odor Control
	iers and Odor Control				5-May-17 A, Enginéering Design	
Engineering Design	EDA Otat Data for Engineering Daving ND Discours Claifford & Oder Control	986 03-Sep-14 A	15-May-17 A	- · · · · · · · ·	o-way-17 A, Engineering Design	
ND70830	EPA Start Date for Engineering Design - ND Primary Clarifiers & Odor Control	0 01-Nov-15 A		A Start Date for Engineering Design	ND Primary Clarifiers & Odor Control	
ND10090	Engineering Design - ND Primary Clarifiers & Odor Control	958 03-Sep-14 A	17-Apr-17 A		ngineering Design - ND Primary Clarifiers & Or	Jor Control
ND70360	EPA Compliance Date for Engineering Design - ND Primary Clarifiers & Odor Control	0	15-May-17 A		PA Compliance Date for Engineering Design =	ND Primary Clarifiers & Odor Control
Permitting		733 25-Oct-15 A	26-Oct-17		26-Oct-17, Permitting	
ND70840	EPA Start Date for Permitting - ND Primary Clarifiers & Odor Control	0 10-Mar-17 A		♦ EP	tart Date for Permitting - ND Primary Clarifiers	& Odor Control
ND70370	EPA Compliance Date for Permitting - ND Primary Clarifiers & Odor Control	0	05-Sep-17*		◆ EPA Compliance Date for Permitting - N	ID Primary Clarifiers & Odor Control
ND10130	Permitting - ND Primary Clarifiers & Odor Control	733 25-Oct-15 A	26-Oct-17		Permitting - ND Primary Clarifiers &	
Procurement		505 07-Feb-17 A	26-Jun-18	· ·	26-Jun-18, Procuren	nent
ND70850	EPA Start Date for Procurement - ND Primary Clarifiers & Odor Control	0 06-Sep-17*			◆ EPA Start Date for Procurement - ND Pri	mary Clarifiers & Odor Control
ND70380	EPA Compliance Date for Procurement - ND Primary Clarifiers & Odor Control	0	02-Jun-18*			te for Procurement - ND Primary Clarifiers'& Odor Control
ND10210	Procurement - ND Primary Clarifiers & Odor Control	505 07-Feb-17 A	26-Jun-18			Primary Clarifiers & Odor Control
Construction		1361 28-Jul-17	18-Apr-21		V	▼ 18-Apr-21, Construction
ND70860	EPA Start Date for Construction - ND Primary Clarifiers & Odor Control	0 03-Jun-18*		1	A EDA Charl Data facility	nstruction - ND Primary Clarifiers & Odor Control
ND10270	Construction - ND Primary Clarifiers & Odor Control	1334 28-Jul-17	22-Mar-21	1	► EPA Start Date for Co	Construction - ND Primary Clarifiers & Odor Control
ND70390	EPA Compliance Date for Construction - ND Primary Clarifiers & Odor Control	0	18-Apr-21*	1		
	,	679 01-Dec-16 A	10-Oct-18	····	10-Oct-18, 3,	◆ EPA Compliance Date for Construction ND Primary Clarifiers & .02 (1) Replace Primary Clarifiers for Mechanisms #4 & 6
	imary Clarifiers for Mechanisms #4 & 6			21-Dec-	A, Pre-Design	
Pre-Design	Negotiate Scope and Cost of VFI Package (MWH) - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	20 01-Dec-16 A	21-Dec-16 A 21-Dec-16 A			
ND71280	Negotiate Scope and Cost of VFI Package (MVVFI) - ND Primary Claimers (Reprace Mechanisms #4 & 6)	21 01-Dec-16 A	_	Negotiat	cope and Cost of VFI Package (MWH) - ND Pr	rimary Clarifiers (Replace Mechanisms #4 & 6)
ingineering Design	Outrait Double VEL Double on AID Division Obsiders (Double of Markovicus att 4.0.0)	36 22-Dec-16 A	27-Jan-17 A	V 27 0a	A, Liigincainig Design	
ND71250	Submit Draft VFI Package - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	23 22-Dec-16 A	13-Jan-17 A	u Submi	raft VFI Package - ND Primary Clarifiers (Repla	ace;Mechanisms #4 & 6)
ND71260	Review Draft VFI Package - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	4 14-Jan-17 A	17-Jan-17 A	I Revie∖	raft VFI Package - ND Primary Clarifiers (Repla	ace Mechanisms #4 & 6)
ND71470	Engineering Design - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	37 22-Dec-16 A	27-Jan-17 A	⊨ ⊨ Engin	ing Design - ND Primary Clarifiers (Replace M	echanisms #4 & 6)
ND71270	Submit Final VFI Package - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	10 18-Jan-17 A	27-Jan-17 A	■ Subm	inal VFI Package - ND Primary Clarifiers. (Repl ▼ 27-Jul-17, Procurement	lace Mechanisms #4 & 6)
Procurement		179 30-Jan-17 A	27-Jul-17		▼ 27-Jul-17, Procurement	
ND71380	Internal Bid Package Review - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	8 30-Jan-17 A	06-Feb-17 A	■ Inter	Bid Package Review - ND Primary Clarifiers (F	Replace Mechanisms #4 & 6)
ND71290	Design Documents Sent to Procurement - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	0 07-Feb-17 A		1 : : : : :	Documents Sent to Procurement - ND Primary	
ND71540	GMOU submittal and approval - CD Co-Gen Restroom and Building Rehab	21 30-Jan-17 A	19-Feb-17 A		submittal and approval - CD Co-Gen Restroom	
ND71300	Submit/Approve SBD Goals and Request to Advertise - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	28 07-Feb-17 A	06-Mar-17 A	1 1 1 1 1		e - ND Primary Claifiers (Replace Mechanism's #4 & 6)
ND71310	Advertise Bid Package - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	0 07-Mar-17 A				
ND71320	Bid Solicitation Period - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	66 07-Mar-17 A	11-May-17 A	→ Adv	ise Bid Package - ND Primary Clarifiers (Repla	
ND71330	Bids Due - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	0 12-May-17 A		1	id Solicitation Period - ND Primary Clarifiers (R	
ND71340		32 12-May-17 A	24-Jul-17		ids Due - ND Primary Clarifiers (Replace Mech	
	Bid Review Period - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	32 12-Way-17 A	_		☐ Bid Review Period - ND Primary Clarifiers (Replace Mechanisms #4 & 6)
ND71350	Award Recommendation - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	0	24-Jul-17	1	 Award Recommendation - ND Primary Clair 	
ND71360	Procurement - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	129 07-Feb-17 A	27-Jul-17		Procutement - ND Pri	maly Clarifiers (Replace Mechanisms #4 & 6)
ND71370	Final Approvals (BCC, Mayor, Risk Mgmt.) - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	3 25-Jul-17	27-Jul-17	1	Final Approvals (BCC, Mayor Risk Mgmt)	- ND Primary Clarifiers (Replace Mechanisms #4 & 6).
Construction		440 28-Jul-17	10-Oct-18		10-Oct-18, C	onstruction
ND71500	Contractor Notice to Proceed (NTP) - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	0 28-Jul-17		1	◆ Contractor Notice to Proceed (NTP) - ND P	rimary Clarifiers (Replace Mechanisms #4 & 6)
ND71510	Construction - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	350 28-Jul-17	12-Jul-18			Construction - ND Primary Clarifiers (Replace Mechanisms #4 8
ND71520	Substantial Completion (CD Compliance Date 4/18/21) - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	0	12-Jul-18*		◆ Substantial Compl	letion (CD Compliance Date 4/18/21) - ND Primary Clarifiers (Replace Mechanisms #4 & 6)
ND71530	Project Closeout - ND Primary Clarifiers (Replace Mechanisms #4 & 6)	90 13-Jul-18	10-Oct-18*		Project Class	equit - ND Primary Clarifiers (Replace Mechanisms #4 & 6)
02 (2) Primary Cla	arifiers and Odor Control (Remaining Scope of Work)	2483 03-Sep-14 A	20-Jun-21	!!!!!!!!!!!	Crocor stage	eout - ND Primary Clarifiers (Replace Mechanisms.## & 6) 20-Jun-21, 3.02 (2) Primary Clarifiers and Odor Control (Rem
Pre-Design		134 25-Mar-15 A	06-Aug-15 A	5 A, Pre-Design		
ND11375	Pre-Design (MWH) - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	135 25-Mar-15 A	06-Aug-15 A	an (MWH) ND Primany Clariflers	odor Control (Pemaining Scope of Work)	
Engineering Design		957 03-Sep-14 A	17-Apr-17 A	gir (INVV H) - IND FIOTRALY CHAINLES	Odor Control (Remaining Scope of Work) Apr-17 A, Engineering Design	
ND20140	Basis of Design Report (B&C) - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	330 03-Sep-14 A	29-Jul-15 A	D		6-25
ND20150	30% Design Submittal - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	127 06-Aug-15 A	10-Dec-15 A	1 : : : : :	arifiers & Odor Control (Remaining Scope of W	
ND20011	30% Design Review - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	21 11-Dec-15 A	31-Dec-15 A	1 71 1 1 1	Clarifiers & Odor Control (Remaining Scope of	
ND20021	60% Design Submittal - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	84 01-Jan-16 A	24-Mar-16 A	1 1 1 1 1	Clarifiers & Odor Control (Remaining Scope of)	
ND20031	60% Design Review - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	11 25-Mar-16 A	04-Apr-16 A	1 : : 7 : :	rimary Clarifiers & Odor Control (Remaining So	
			· ·	60% Design Review - ND	mary Clarifiers & Odor Control (Remaining Sco	pe of Work)
ND20040	100% Design Submittal - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	353 05-Apr-16 A	23-Mar-17 A	10	6 Design Submittal - ND Primary Clarifiers & C	rdor Control (Remaining Scope of Work)
ND71430	Engineering Design - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	958 03-Sep-14 A	17-Apr-17 A		gineering Design - ND Primary Clarifiers & Odo	
ND40380	100% Design Review/Permit Ready Submittal - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	25 24-Mar-17 A	17-Apr-17 A	<u> </u>	% Design Review/Permit Ready Submittal - N	ID Primary Clarifiers. & Odor Control (Remaining Scope of Work).
ermitti ng		747 25-Oct-15 A	26-Oct-17		26-Oct-17, Permitting	
ND70280	FDEP Permit - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	47 25-Oct-15 A	10-Dec-15 A	FDEP Permit - ND Primary Clarifie	& Odor Control (Remaining Scope of Work)	
ND71440	Permitting - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	733 25-Oct-15 A	26-Oct-17	1 1 1 1 1		Odor Control (Remaining Scope of Work)
ND70300	City of North Miami Permit - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	186 24-Apr-17 A	26-Oct-17			nary Clarifiers & Odor Control (Remaining Scope of Work)
ND70290	RER Permit - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	133 20-Jun-17 A	26-Oct-17	1		
ND70310	Fire Department Permit - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	133 20-Jun-17 A	26-Oct-17	1		& Odor Control (Remaining Scope of Work)
Procurement		348 14-Jul-17	26-Jun-18	I	26-Jun-18, Procuren	y Clarifiers & Odor Control (Remaining Scope of Work).
	GMOU submittal and approval - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	5.5 .T OUI 17	_0 0011 10	u : : : : : : : :		

	ee Schedule - June 2017 Update				ıt w Baseline (By Ph	,									ul-17 12:24	↓ - Page N	
ctivity ID	Activity Name	Original Duration	Start	Finish	2016 Q1 Q2 Q3 Q4	20 Q1 Q2		Q4 Q1 Q2 Q3 Q4	2019 Q1 Q2 Q3	Q4 Q	2020 1 Q2 Q3 (Q4 Q1	2021 Q2 Q3	2022 Q4 Q1 Q2 Q3	Q4 Q1 C	2023 Q2 Q3 C	Q4 Q1
ND71480	Internal Bid Package Review - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	3	27-Oct-17	29-Oct-17				I Internal Bid Package Revie	! ! ! 	+ +			-				
ND20880	Design Documents Sent to Procurement - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	0	30-Oct-17					◆ Design Documents \$ent to	1 1 1	1 1	1 1 1	1 1					
ND20890	Submit/Approve SBD Goals and Request to Advertise - ND Primary Claiffiers & Odor Control (Remaining Scope of Wo	60	30-Oct-17	28-Dec-17				Submit/Approve SBD 0	i i i	i i	i i i	i i	i		ork)		
ND20900	Advertise Bid Package - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	0	29-Dec-17					Advertise Bid Package	1 1 1	1 1	1 1 1	1 1	1				
ND20910	Bid Solicitation Period - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	60	29-Dec-17	26-Feb-18				Bid Solicitation Pe	nod - ND Primary	Clarifiers &	Odor Control (Re	maining Sc	ope of Wo	ork)			
ND20920	Bids Due - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	0	27-Feb-18					♦ Bids Due - ND Prin	: : :		1 1 1	- 1 1	1				
ND20930	Bid Review Period - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	30	27-Feb-18	28-Mar-18				☐ Bid Review Perio	od - ND Primary C	larifiers & O	Odor Control (Rem	aining Sco	pe of Work	0			
ND20940	Award Recommendation - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	0		28-Mar-18				◆ Award Recomm	i i i	i i	i i i	i i	i	1 1 1 1 1			
ND71450	Procurement - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	240	30-Oct-17	26-Jun-18				1 1 1 1	ent - ND Primary C	1 1	1 1 1	1 1		1 1 1 1 1			
ND20950	Final Approvals (BC C, Mayor, Risk Mgmt.) - ND Primary Clarifiers & Odor Control (Remaining Scope of Work)	90	29-Mar-18	26-Jun-18				Final Apon	ovals (BCC, Mayo	r Risk Man	nt.) - ND Primary (Clarifiers &	Odor Cont	rol (Remaining Scope of W Jun-21, Construction	ork)		
Construction		1090	27-Jun-18	20-Jun-21									20-J	Jun-21, Construction			
ND10268	Contractor Notice to Proceed (NTP) - ND Primary Clarifiers & Odor Control	0	27-Jun-18					◆ Contractor	Notice to Proceed	d (NTP) - NE	D Primary Clarifie	s & Odor C	control				
ND71460	Construction - ND Primary Clarifiers & Odor Control (Remaining Scope)	1000	27-Jun-18	22-Mar-21									Constru	ction - ND Primary Clarifier	& Odor Conti	rol (Remainin	ng Scope'
ND10420	Substantial Completion (CD Compliance Date 4/18/21) - ND Primary Clarifiers & Odor Control	0		22-Mar-21*								•	Substantia	al Completion (CD Comple	nce Date 4/18	8/21) - ND Pri	imary Cla
ND40290	Project Closeout - ND Primary Clarifiers & Odor Control	90	23-Mar-21	20-Jun-21*								i		iect Closeout - ND Primary Jun-21, Project Administrati			
Project Administration		2483	03-Sep-14 A	20-Jun-21					1 1 1			1 1	20-J	Jun-21, Project Administrati	on		
ND21510	WASD Project Administration - ND Primary Clarifiers & Odor Control	2483	03-Sep-14 A	20-Jun-21						· · · · · · · · · · · · · · · · · · ·		· · · · · ·		SD. Project Administration	ND. Primary C	Clarifiers & Oc	dor Contr
3.03 Oxygenation Tr	rains	2361	25-Apr-17 A	17-Jan-24		•				11							17
Pre-Design		150	25-Apr-17 A	30-Nov-18		•		- 	30-Nov-18, Pre-De	esign							
ND71620	Pre-Design (Tank #5 Rehab) - ND Oxygenation Trains	150	25-Apr-17 A	31-Aug-17			-	Pre-Design (Tank #5 Rehab) - N	D Oxygenation Tr	rains							
ND11385	Pre-Design - ND Oxygenation Trains	150	04-Jul-18*	30-Nov-18							n Trains						
Engineering Design		774	01-Sep-17	14-Oct-19			•		Pre-Design - ND	14-Oct-	-19, Engineering [Design					
ND71650	Engineering Design (Tank #5 Rehab) - ND Oxygenation Trains	438	01-Sep-17	12-Nov-18			i		: Engineering Desig	ın (Tank #5 I	Rehab) - ND Oxvo	enation Tra	ins				
ND70880	EPA Start Date for Engineering Design - ND Oxygenation Trains	0	01-Jan-19*					1 1 1 1	EPA Start Date		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1					
ND20230	Basis of Design Report (BODR) - ND Oxygenation Trains	50	01-Dec-18	19-Jan-19				1 1 1 1	Basis of Design	1 "1		- 75	1				
ND20240	BODR Review Period - ND Oxygenation Trains	14	20-Jan-19	02-Feb-19					■ BODR Revie	w Period - N	ND Oxygenation T	ains					
ND20250	30% Design Submittal - ND Oxygenation Trains	80	03-Feb-19	23-Apr-19					i i i	i i	ittal - ND Oxygen	i i	,				
ND20260	30% Design Review - ND Oxygenation Trains	14	24-Apr-19	07-May-19						1 "	ew - ND Oxygena	- 1 1					
ND20270	60% Design Submittal - ND Oxygenation Trains	80	08-May-19	26-Jul-19					1 1 1	1 1	Submittal - ND C	1 1	Trains				
ND20280	60% Design Review - ND Oxygenation Trains	14	27-Jul-19	09-Aug-19					i i i	1 1 1	n Review - ND Ox	1111	i				
ND20290	100% Design Submittal - ND Oxygenation Trains	35	10-Aug-19	13-Sep-19					1 1 1	1 1 1	esign Submittal - I			S			
ND10310	Engineering Design - ND Oxygenation Trains	773	01-Sep-17	13-Oct-19							ering Design - NE						
ND40470	100% Design Review/Permit Ready Submittal - ND Oxygenation Trains	30	14-Sep-19	13-Oct-19						100% F	Design Review/Pe	mit Read	/ Submittal	I - ND Oxygenation Trains			
ND70400	EPA Compliance Date for Engineering Design - ND Oxygenation Trains	0		14-Oct-19*						1 1		1 1	1				
Permitting		701	13-Nov-18	13-Oct-20				—		- V LIZCO	CHILDHEILGC LEALCH	13-Oct-20,	Permitting	- ND Oxygenation Trains			
ND71670	Permitting (Tank #5 Rehab) - ND Oxygenation Trains	90	13-Nov-18	10-Feb-19					Permitting (T	i Jank #5 Reh	nab) - ND Oxygena	tion Trains					
ND70890	EPA Start Date for Permitting - ND Oxygenation Trains	0	15-Oct-19*							1 1	tart Date for Permi	- 1 1	Oxvoenatio	n Trains			
ND10350	Permitting - ND Oxygenation Trains	515	13-Nov-18	10-Apr-20						E A COL	and Date (e. r. e.)	٠,	,	genation Trains			
ND71660	Permitting (Remaining Scope of Work) - ND Oxygenation Trains	180	14-Oct-19	10-Apr-20							Permitting (Remaining	Scope of V	Nork) - ND Oxygenation Tra	ins		
ND70410	EPA Compliance Date for Permitting - ND Oxygenation Trains	0		13-Oct-20*													
Procurement		976	19-Jun-17 A	13-Oct-21		٧			1 1 1			2		te for Permitting - ND Oxyge 13-Oct-21, Procuremen	t		
ND71630	P.O. for Tank #5 Cleaning - ND Oxygenation Trains	5	19-Jun-17 A	31-Jul-17			P.C	O. for Tank #5 Cleaning - ND O	xygenation Trains								
ND71680	Procurement (Tank #5 Rehab) - ND Oxygenation Trains	120	11-Feb-19	10-Jun-19					130	- 1	; ank #5 Rehab) - N	D Oxygena	tion Trains				
ND71580	GMOU submittal and approval - ND Oxygenation Trains	20	14-Oct-19	02-Nov-19						1 1	U submittal and a	1 1		1 1 1 1 1			
ND71390	Internal Bid Package Review - ND Oxygenation Trains	3	11-Apr-20	13-Apr-20						3,100		1 1	1	O Oxygenation Trains			
ND21200	Design Documents Sent to Procurement - ND Oxygenation Trains	0	14-Apr-20								- 1 1 1	- 1 " 1	- 1	urement - ND Oxygenation 7	rains		
ND21210	Submit/Approve SBD Goals and Request to Advertise - ND Oxygenation Trains	60	14-Apr-20	12-Jun-20		į					1 1 1	!!!	1	and Request to Advertise - N	1 1	on Trains	i
ND21220	Advertise Bid Package - ND Oxygenation Trains	0	13-Jun-20								i i i	i i	i i	Oxygenation Trains	1,33.14.10		
ND21230	Bid Solicitation Period - ND Oxygenation Tains	60	13-Jun-20	11-Aug-20		į					1 1 1	! !		ND Oxygenation Trains			1
ND21240	Bids Due - ND Oxygenation Trains	0	12-Aug-20								1 1 1	s Due - ND		The state of the s			
ND21250	Bid Review Period - ND Oxygenation Trains	30	12-Aug-20	10-Sep-20							1 1 1	1 1	1	On Trains On Oxygenation Trains			
ND21260	Award Recommendation - ND Oxygenation Trains	0		10-Sep-20								1 1	1	on - ND Oxygenation Trains			
ND70900	EPA Start Date for Procurement - ND Oxygenation Trains	0	14-Oct-20*								i i i	- i i	i	ocurement - ND Oxygenation	n Traine		
ND10390	Procurement - ND Oxygenation Trains	698	19-Jun-17 A	08-Jan-21					<u> </u>	1 1		LIM SIGILI	Catt OI P10	Procurement - ND Oxygenation		s	
ND21270	Final Approvals (BC C, Mayor, Risk Mgmt.) - ND Oxygenation Trains	120	11-Sep-20	08-Jan-21		1							I Approximate	1 1 1 1 1		1 1	
ND70420	EPA Compliance Date for Procurement - ND Oxygenation Trains	0		13-Oct-21*								rinai	Appiovals	(BCC, Mayor, Risk Momt.)	for Progress	auti ND O	gendf an "
Construction		2361	01-Aug-17	17-Jan-24					1 1 !	1 1				► EPA Compliance Date	ini cionieme	יי וער אַעל. CXVQ	17
ND71640	Cleaning of Tank #5 - ND Oxygenation Trains	90	01-Aug-17	29-Oct-17				Cleaning of Tank #5 - ND (Nymeration Imina								
ND71690	Construction (Tank #5 Rehab) - ND Oxygenation Trains	120	11-Jun-19	08-Oct-19				Uteaning or latik #5 FND (ANYGERALION HAINS	1 1	uotion (Table #E'D	bob) NIC	0000000	on Trains			
ND10428	Contractor Notice to Proceed (NTP) - ND Oxygenation Trains	0	09-Jan-21							Constru	uction (Tank #5 Re	1 1	i	1 1 1 1 1		mind !	1
ND70910	EPA Start Date for Construction - ND Oxygenation Trains	0	14-Oct-21*			į						▼ Cont	tractor Noti	ice to Proceed (NTP) - ND C	1 1	1 1	- i
ND10430	Construction - ND Oxygenation Trains	2083	01-Aug-17	14-Apr-23										◆ EPA Start Date for Cons	struction - ND	Oxygenation	
ND71700	Construction (Remaining Scope of Work) - ND Oxygenation Trains	826	01-Aug-17 09-Jan-21	14-Apr-23					1 1 1		1 1 1						Co
ND10510	Substantial Completion (CD Compliance Date 1/17/24) - ND Oxygenation Trains	020	00 0011°21	14-Apr-23*									:			Construction	i
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	90	15 Apr 22	- ·											1 1	Substantial (- 1
ND40300 ND70430	Project Closeout - ND Oxygenation Trains		15-Apr-23	13-Jul-23*												Projec	ct Closeo
	EPA Compliance Date for Construction - ND Oxygenation Trains	0	01-Dec-18	17-Jan-24* 13-Jul-23	ļ			<u>-</u> -	<u> </u>				!				◆ EP ıl-23, Proje
Project Administration		1686														4.3 .110	



	cree Schedule - June 2017 Update	1		<u> </u>	out w Baseline (By Phase) 14-Jul-17 12:24 - Page No. 39 of 8
tivity ID	Activity Name	Original Duration	Start	Finish	2016 2017 2018 2019 2020 2021 2022 2023 2024
ND20700	Procurement - Replace Mechanisms #1, 2, 4, 5, 7, 9, & 10	230	04-Feb-15 A	21-Sep-15 A	Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1
Construction	Troduction Republic Meditalisms #1, 2, 4, 0, 7, 0, 0.10	922		28-Jul-17	rement - Replace Mechanisms #1, 2, 4, 5, 7, 9, & 10.
ND20060	Construction - Replace Mechanisms #3, 6 & 8	316		30-Nov-15 A	Construction - Replace Mechanisms #3, 6 & 8
ND20710	Construction - Replace Mechanisms #1, 2, 4, 5, 7, 9, & 10	556	22-Sep-15 A	30-Mar-17 A	Construction - Replace Mechanisms #1, 2, 4, 5, 7, 9, & 10
ND20070	Substantial Completion (CD Compliance Date 8/24/27) - Replace Mechanisms #1-10	0		30-Mar-17 A	◆ Substantial Completion (CD Compliance/Date 8/24/27) - Replace Mechanisms #1-10
ND70730	Project Closeout - Replace Mechanisms #1-10	120	31-Mar-17 A	28-Jul-17*	
Project Administration		1066	28-Aug-14 A	28-Jul-17	Project Closeout - Replace Mechanism's #1-10 28-Jul-17, Project Administration
ND21540	WASD Project Administration - Replace Mechanisms #1-10	1066		28-Jul-17	WASD Project Administration - Replace Mechanisms #1-10
	y Clarifiers (Remaining Scope of Work)		23-May-14 A	11-May-24	Λ
Pre-Design	De Daring ND Occasion (Darifford (Darraining Court)	97		27-Aug-14 A	
ND11405	Pre-Design - ND Secondary Clarifiers (Remaining Scope)	97		27-Aug-14 A	ifiers.(Remaining Scope). 09-Mar-17 A, Engineering Design
Engineering Design ND20320	Basis of Design Report (BODR) - ND Secondary Clarifiers	216		09-Mar-17 A 31-Mar-15 A	
ND20330	Negotiate Scope & Cost with MWH - ND Secondary Clarifiers (Remaining Scope)	233		13-Oct-15 A	Report (BODR) - ND Secondary Clarifiers
ND20335	Issue Task Authorization - ND Secondary Clarifiers (Remaining Scope)	0	18-Dec-15 A	10 001 1071	otiate Scope & Cost with MWH - ND Secondary Clarifiers (Remaining Scope)
ND20340	30% Design Submittal - ND Secondary Clarifiers (Remaining Scope)	161	18-Dec-15 A	26-May-16 A	Issue Task Authorization - ND Secondary Clarifiers (Remaining Scope)
ND20350	30% Design Review - ND Secondary Clarifiers (Remaining Scope)	7	27-May-16 A	02-Jun-16 A	30% Design Submittal - ND Secondary Clarifiers (Remaining Scope)
ND20360	60% Design Submittal - ND Secondary Clarifiers (Remaining Scope)	147	•	27-Oct-16 A	1 30% Design Review - ND Secondary Clarifiers (Remaining Scope) 60% Design Submittal - ND Secondary Clarifiers (Remaining Scope)
ND20370	60% Design Review - ND Secondary Clarifiers (Remaining Scope)	12		08-Nov-16 A	60% Design Review - ND Secondary Clarifiers (Remaining Scope)
ND20380	100% Design Submittal - ND Secondary Clarifiers (Remaining Scope)	93		09-Feb-17 A	100% Design Submittal - ND Secondary Clarifiers (Remaining Scope)
ND20090	Engineering Design - ND Secondary Clarifiers (Remaining Scope)	925	28-Aug-14 A	09-Mar-17 A	Engineering Design - ND Secondary Clarifiers (Remaining Scope) Engineering Design - ND Secondary Clarifiers (Remaining Scope)
ND40490	100% Design Review/Permit Ready Submittal - ND Secondary Clarifiers (Remaining Scope)	28		09-Mar-17 A	
Permitting		975	27-Mar-15 A	26-Oct-17	100% Design Review/Permit Ready Submittal - ND. Secondary Clarifiers. (Remaining Scope).
ND70240	FDEP Permit - ND Secondary Clarifiers (Remaining Scope)	812	27-Mar-15 A	16-Feb-17 A	FDEP Permit,- ND Secondary Clarifiers (Remaining Scoge)
ND20100	Permitting - ND Secondary Clarifiers (Remaining Scope)	945	27-Mar-15 A	26-Oct-17	Permitting - ND Secondary Clarifiers (Remaining Scope)
ND70260	City of North Miami Permit - ND Secondary Clarifiers (Remaining Scope)	186	24-Apr-17 A	26-Oct-17	City of North Miami Permit - ND Secondary Clarifiers (Remaining Scope)
ND70250	RER Permit - ND Secondary Clarifiers (Remaining Scope)	133	15-Jun-17 A	26-Oct-17	RER Permit - ND Secondary Clarifiers (Remaining Scope)
ND70270	Fire Department Permit - ND Secondary Clarifiers (Remaining Scope)	133	15-Jun-17 A	26-Oct-17	File Department Permit - ND Secondan Clariflers (Remaining Scope).
Procurement		378	14-Jul-17	26-Jul-18	✓ 26-Jul-18, Procurement
ND71560	GMOU submittal and approval - ND Secondary Clarifiers (Remaining Scope)	20	14-Jul-17*	02-Aug-17	GMOU submittal and approval - ND Secondary Clarifiers (Remaining Scope):
ND71410	Internal Bid Package Review - ND Secondary Clarifiers (Remaining Scope)	3	27-Oct-17	29-Oct-17	I Internal Bid Package Review - ND Secondary Clarifiers (Remaining Scope)
ND20960	Design Documents Sent to Procurement - ND Secondary Clarifiers (Remaining Scope)	0	30-Oct-17		Design Documents Sent to Procurement - ND Secondary Clarifiers (Remaining Scope)
ND20970	Submit/Approve SBD Goals and Request to Advertise - ND Secondary Clarifiers (Remaining Scope)	60	30-Oct-17	28-Dec-17	Submit/Approve SBD Goals and Request to Advertise + ND Secondary Clarifiers (Remaining Scope)
ND20980	Advertise Bid Package - ND Secondary Clarifiers (Remaining Scope)	0	29-Dec-17		♦ Advertise Bid Package- ND Secondary Clarifiers (Remaining Scope)
ND20990	Bid Solicitation Period - ND Secondary Clarifiers (Remaining Scope)	60		26-Feb-18	Bid Solicitation Period - ND Secondary Clarifiers (Remaining Scope)
ND21000	Bids Due - ND Secondary Clarifiers (Remaining Scope)	0	27-Feb-18		♦ Bids Due - ND Secondary Clarifiers (Remaining Scope)
ND21010	Bid Review Period - ND Secondary Clarifiers (Remaining Scope)	30	27-Feb-18	28-Mar-18	☐ Bid Review Period - ND Secondary Clarifiers (Remaining Scope)
ND21020	Award Recommendation - ND Secondary Clarifiers (Remaining Scope)	0		28-Mar-18	Award Recommendation - ND Secondary Clarifiers (Remaining Scope)
ND20110	Procurement - ND Secondary Clarifiers (Remaining Scope)	270		26-Jul-18	Procurement - ND Secondary Clariffers (Remaining Scope)
ND21030	Final Approvals (BCC, Mayor, Risk Mgmt.) - ND Secondary Clarifiers (Remaining Scope)	120		26-Jul-18	Floal Approvals (BCC, Mayor, Risk Mgmt,) - ND Secondary Clarifiers (Remainling Scope)
Construction ND20118	Contractor Nation to Dramond (NITD) NID Conneders Clarificate (Domaining Conne)	2116	27-Jul-18 27-Jul-18	11-May-24	4
ND20118 ND20120	Contractor Notice to Proceed (NTP) - ND Secondary Clarifiers (Remaining Scope)	2026		11 Feb 24	◆ Contractor Notice to Proceed (NTP) - ND Secondary Clarifiers (Remaining Scope)
ND20120 ND20130	Construction - ND Secondary Clarifiers (Remaining Scope)	2026	27-Jul-18	11-Feb-24 11-Feb-24*	Gon
ND40320	3.5 (2) Substantial Completion (CD Compliance Date 8/24/27) - ND Secondary Clarifiers (Remaining Scope)	90	12-Feb-24	_	
Project Administration	Project Closeout - ND Secondary Clarifiers	3545		11-May-24* 11-May-24	
ND21550	WASD Project Administration - ND Secondary Clarifiers	3545	28-Aug-14 A	11-May-24	
3.06 Disinfection	,	2334		09-Sep-20	▼ 09-Sep-20, 3.06 Disinfection
Pre-Design		114		10-Jun-15 A	Pre-Design
ND20010	Pre-Design - ND Disinfection	115		10-Jun-15 A	
Engineering De sign	•	1081	21-Apr-14 A	06-Apr-17 A	ND Disinfection. 7 06-Apr-17 A, Engineering Design
ND20000	Review Existing Design for Storm Surge & Code Changes - ND Disinfection	253	· · · · · · · · · · · · · · · · · · ·	29-Dec-14 A	for Storm Surge & Code Changes - ND Disinfection
ND20020	Revise Design for Code and Storm Surge Changes - ND Disinfection	267	11-Jun-15 A	03-Mar-16 A	Revise Design for Code and Storm Surge Changes - ND Disinfection
ND10190	Engineering Design - ND Disinfection	826	21-Apr-14 A	24-Jul-16 A	Action of the state of the stat
ND71000	EPA Start Date for Engineering Design - ND Disinfection	0	01-Feb-17 A		♦ EPA Start Date for Engineering Design - ND Disinfection
ND70520	EPA Compliance Date for Engineering Design - ND Disinfection	0		06-Apr-17 A	
Permitting		621	25-Jul-16 A	06-Apr-18	◆ EPA Compliance Date for Engineering Design -ND Disinfection O6-Apr-18, Permitting
ND70770	City of N. Miami Permit - ND Disinfection	22	25-Jul-16 A	15-Aug-16 A	Gity of N. Miami Permit - ND Disinfection
ND71010	EPA Start Date for Permitting - ND Disinfection	0	07-Apr-17 A		◆ EPA Start Date for Permitting - ND Disinfection
ND10200	Permitting - ND Disinfection	341	25-Jul-16 A	31-Jul-17	Permitting - ND Disinfection
ND70780	DERM Permit - ND Disinfection	320	15-Aug-16 A	31-Jul-17	DERM Remit ND Disinfection
ND70530	EPA Compliance Date for Permitting - ND Disinfection	0		06-Apr-18*	◆ EPA Compliance Date for Permitting - ND Disinfection.
Procurement		639	07-Jul-17	06-Apr-19	▼ 06-Apr-19 Procurement
ND71590	GMOU submittal and approval - ND Disinfection	20		26-Jul-17	GMOU submittal and approval - ND Disinfection
ND71420	Internal Bid Package Review - ND Disinfection	28	27-Jul-17*	23-Aug-17	Internal Bid Package Review - ND Disinfection
ND21040	Design Documents Sent to Procurement - ND Disinfection	0	24-Aug-17		♦ Design Documents Sent to Procurement - ND Disinfection
ND21050	Submit/Approve SBD Goals and Request to Advertise - ND Disinfection	60	24-Aug-17	22-Oct-17	Submit/Approve SBD Goals and Request to Advertise - ND Disinfection
ND21060	Advertise Bid Package - ND Disinfection	0	23-Oct-17		♦ Advertise Bid Package - ND Disinfection

y ID	cree Schedule - June 2017 Update Activity Name	Original	Start	Standard Layo	out w Baseline (By Phase) 14-Jul-17 12:24 - Page No. 40 2016 2017 2018 2019 2020 2021 2022 2023
	>	Duration			Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1
ND21070	Bid Solicitation Period - ND Disinfection	60	23-Oct-17	21-Dec-17	Bid Solicitation Period - ND Disinfection
ND21080	Bids Due - ND Disinfection	0	22-Dec-17		◆ Bids Due -IND Disinfection
ND21090	Bid Review Period - ND Disinfection	30	22-Dec-17	20-Jan-18	□ Bid Revièw Peñod - ND Disinfection
ND21100	Award Recommendation - ND Disinfection	0		20-Jan-18	◆ Award Recommendation - ND Disinfection
ND71020	EPA Start Date for Procurement - ND Disinfection	0	07-Apr-18*		◆ EPA Start Date for Produce ment - ND Disinfection
ND10260	Procurement - ND Disinfection	270	24-Aug-17	20-May-18	Proburement - ND Disinfection
ND21110	Final Approvals (BCC, Mayor, Risk Mgmt.) - ND Disinfection	120	21-Jan-18	20-May-18	Final Approvals (BQC, Mayor, Risk Mgmt.) - ND Disinfection
ND70540	EPA Compliance Date for Procurement - ND Disinfection	0		06-Apr-19*	
Construction		843	21-May-18	09-Sep-20	◆ EPA Combliance Date for Procurement - ND Disinfection ✓ 09-Sep-20, Construction
ND10328	Contractor Notice to Proceed (NTP) - ND Disinfection	0	21-May-18		◆ Contractor Nótice tó Proceed (NTP) - ND Disinfection
ND71030	EPA Start Date for Construction - ND Disinfection	0	07-Apr-19*		
ND10330	Construction - ND Disinfection	522	21-May-18	24-Oct-19	Construction - ND Disinfection
ND10380	Substantial Completion (CD Compliance Date 9/09/20) - ND Disinfection	0		24-Oct-19*	◆ Substantial Completion (CD Compliance Date 9/09/20) - ND Disinfection
ND40330	Project Closeout - ND Disinfection	90	25-Oct-19	22-Jan-20*	
ND70550	EPA Compliance Date for Construction - ND Disinfection	0		09-Sep-20*	Project Closeout - ND Disinfection
Project Administration	<u>'</u>	1656	11-Jun-15 A	22-Jan-20	Date for Construction - ND Disinfection.
ND21560	WASD Project Administration - ND Disinfection	1656	11-Jun-15 A	22-Jan-20	WASD Project Administration - ND Disinfection
7 Effluent Dispo	nsal	2868	21-Feb-14 A	28-Dec-21	VASD Holect Runtinssitation : NV District VI 26-Dec-21, 3.07 Effluent Disposal
re-Design		145		28-Feb-15 A	sign
ND11415	2 - Pre-Design - ND Ocean Outfall Pump Station	145	06-Oct-14 A	28-Feb-15 A	
ingineering Design		825	10-Jun-14 A	12-Sep-16 A	Ocean Outfall Pump Station. ▼ 12-Sep-16 A Engineering Design
ND20780	1b - Engineering Design - DIW Pump Station Electrical	119	10-Jun-14 A	06-Oct-14 A	7
ND10120	Engineering Design (Summary) - ND Effluent Disposal	431	12-Aug-14 A	16-Oct-15 A	V Pump Station Electrical Engineering Design (Summary) - ND Effluent Disposal
ND20730	1a - Engineering Design - DIW Pump Station Mechanical	431		16-Oct-15 A	
ND71040	EPA Start Date for Engineering Design - ND Effluent Disposal	0	01-Dec-15 A	10-001-1374	Engineering Design - D(W Pump Station Mechanical
ND70560		0	01-Dec-13A	12-Sep-16 A	PA Start Date for Engineering Design - ND Effluent Disposal
	EPA Compliance Date for Engineering Design - ND Effluent Disposal	0	17 Feb 15 A		◆ EPA Compliance Date for Engineering Design - ND Effluent Disposal 727-Dec-19; Permitting
Permitting ND20790	1b - Permitting - DIW Pump Station Electrical	1775	17-Feb-15 A 17-Feb-15 A	27-Dec-19 19-Mar-15 A	1
	• •	291		04-Dec-15 A	W Pump Station Electrical
ND10140	Permitting (Summary) - ND Effluent Disposal	-	17-Feb-15 A		Permitting (Summary) - ND Effluent Disposal
ND20740	1a - Permitting - DIW Pump Station Mechanical	207	12-May-15 A	04-Dec-15 A	la - Permitting - DİW Pump Station Mechanical
ND71050	EPA Start Date for Permitting - ND Effluent Disposal	0	13-Sep-16 A		◆ EPA \$tart Date for Permitting -ND Effluent Disposal
ND70570	EPA Compliance Date for Permitting - ND Effluent Disposal	0		27-Dec-19*	♦ EPA Compliance Date for Permitting - ND Effluent Disposal
Procurement	A D A DIMED OF STATE A	2268	21-Feb-14 A	07-May-20	- 0γ-May-20, Procurement
ND20800	1b - Procurement - DIW Pump Station Electrical	110		10-Jun-14 A	l Electrical
ND11425	1b - Owner Pre-Purchase Elect. Equip DIW Pump Station Electrical	586	10-May-14 A	16-Dec-15 A	1b - Owner Pre-Purchase Elect. Equip DIW Pump Station Electrical
ND21120	1a - Design Documents Sent to Procurement - DIW Pump Station Mechanical	0	,		◆ 1a - Design Documents Sent to Procurement - DIW Pump Station Mechanical
ND21130	1a - Submit/Approve SBD Goals and Request to Advertise - DIW Pump Station Mechanical	28	06-May-16 A	02-Jun-16 A	■ 1a - Submit/Approve SBI Goals and Request to Advertise - DIW Pump Station Mechanical
ND21140	1a - Advertise Bid Package - DIW Pump Station Mechanical	0	03-Jun-16 A		♦ 1a - Advertise Bid Package - DIW Pump Station Mechanical
ND21150	1a - Bid Solicitation Period - DIW Pump Station Mechanical	41	03-Jun-16 A	13-Jul-16 A	1a - Bid Solicitation Period - DIW Pump Station Mechanical
ND21160	1a - Bids Due - DIW Pump Station Mechanical	0	14-Jul-16 A		◆ 1a - Bids Due - DIW Fump Station Mechanical
ND21170	1a - Bid Review Period - DIW Pump Station Mechanical	50	14-Jul-16 A	01-Sep-16 A	1a - Bid Review Period - DIW Rump Station Mechanical
ND21180	1a - Award Recommendation - DIW Pump Station Mechanical	0		01-Sep-16 A	
ND20750	1a - Procurement - DIW Pump Station Mechanical	165	06-May-16 A	17-Oct-16 A	1a - Procurement - DIW Pump Station Mechanical
ND21190	1a - Final Approvals (BCC, Mayor, Risk Mgmt.) - DIW Pump Station Mechanical	46	02-Sep-16 A	17-Oct-16 A	a - Final Approvals (BCC, Mayor, Risk Mgmt.) - DIW Pump Station Mechanical
ND10230	Procurement (Summary) - ND Effluent Disposal	970	21-Feb-14 A	17-Oct-16 A	Procurement (Summary) - ND Effluent Disposal
ND71060	EPA Start Date for Procurement- ND Effluent Disposal	0	13-Sep-17*		◆ EPA Start Date for Procurement-ND Effluent Disposal
ND70580	EPA Compliance Date for Procurement - ND Effluent Disposal	0		07-May-20*	
Construction		2585	01-Dec-14 A	28-Dec-21	◆ EPA Compliance Date for Procurement - ND Effluent Disposal 28-Dec-21, Construction
ND11345	2 - Construction - ND Ocean Outfall Pump Station	96	01-Dec-14 A	06-Mar-15 A	D Ocean Outfall Pump Station
ND11355	2 - Substantial Completion (CD Compliance Date 12/28/21) - ND Ocean Outfall Pump Station	0		06-Mar-15 A	npletion (CD Compliance Date 12/28/21) - ND Ocean Outfall Pump Station
ND20810	1b - Construction - DIW Pump Station Electrical	317	18-Feb-15 A	31-Dec-15 A	1b - Construction - DIW Pump Station Electrical
ND20820	1b - Substantial Completion (CD Compliance Date 12/28/21) - DIW Pump Station Electrical	0		31-Dec-15 A	
ND20758	1a - Contractor Notice to Proceed (NTP) - DIW Pump Station Mechanical	0	18-Oct-16 A		1b - Substantial Completion (CD Compliance Date 12/28/21) - DIW Pump Station Electrical
ND10280	Construction (Summary) - ND Effluent Disposal	1217	18-Feb-15 A	18-Jun-18	♦ 1a - Contractor Notice to Proceed (NTP) - DIW Pump Station Mechanical Construction (Summary) - ND Effluent Disposal
ND20760	1a - Construction - DIW Pump Station Mechanical	609	18-Oct-16 A	18-Jun-18	
ND10460	Substantial Completion (CD Compliance Date 12/28/21) - ND Effluent Disposal	0		18-Jun-18*	1a - Construction: DIW:Pump Station Mechanical
ND10458	1a - Substantial Completion (CD Compliance Date 12/28/21) - DIW Pump Station Mechanical	0		18-Jun-18*	◆ Substantial Completion (CD Compliance Date 12/28/21) - ND Effluent Disposal
ND40340	Project Closeout - DIW Pump Station Mechanical	90	19-Jun-18	16-Sep-18*	■ 1a - Substantial Complétion (CD Compliance Date 12/28/21):- DIW Pump Station Mechanical
				10-0ep-10	Project Closeout DIW Pump Station Mechanical
ND71070	EPA Start Date for Construction - ND Effluent Disposal	0	08-May-20*	20 D 24*	◆ EPA Start Date for Construction -ND Effluent Disposal
ND70590	EPA Compliance Date for Construction - ND Effluent Disposal	0	40 1 111	28-Dec-21*	↑ EPA Compliance Date for Construction - ND. Eff
Project Administration	WASD Project Administration DIM Prove Of the Flatter	1560		16-Sep-18	▼, 10-5ep-10, project Administrațion
ND21570	WASD Project Administration - DIW Pump Station Electrical	1560	10-Jun-14 A	16-Sep-18	WASD Project Administration - DIW Pump Station Electrical 20 Aug 22 3 08 Plant Wide Fle
8 Plant Wide Ele	ectrical	3044	21-Apr-14 A	20-Aug-22	▼ 20-Aug-22, 3,08 Plant Wide Ele
ngineering Design		1910	•	13-Jul-19	▼ 13-Jul-19; Engineering Design
ND71080	EPA Start Date for Engineering Design - ND Plant Wide Electrical	0	21-Apr-14 A		ID Plant Wide Electrical
ND70600	EPA Compliance Date for Engineering Design - ND Plant Wide Electrical**	0		20-Jan-17 A	♦ EPA Compliance Date for Engin eering Design ND Plant Wide Electrical**
ND10040	Engineering Design - ND Plant Wide Electrical	1900	01-May-14 A	13-Jul-19	Engineering Design - ND Plant Wide Electrical
ermitting		1715	01-May-15 A	09-Jan-20	y 09-Jan-20, Permitting

WASD Consent Decree Sche	edule - June 2017 Update	Original	Start	Standard Layo	out w Baseline (By Phase)	7 2018	2019 2020 2021	14-Jul-17 12:24 - Page No. 41 of 8
avity iD ACTIVITY	Name	Original Duration	ડા લા	FINISH			2019	
ND71090 EPA Sta	art Date for Permitting - ND Plant Wide Electrical	0	21-Jan-17 A		1 	Date for Pelmitting - ND Plant Wide		
	ompliance Date for Permitting - ND Plant Wide Electrical	0		20-Jan-18*	_		te for Permitting - ND Plant Wide Electrical	
	ing - ND Plant Wide Electrical	1715		09-Jan-20			Permitting - ND Plant Wide Electrical 28-Nov-20, Procurement	
Procurement ND71100 EPA Sta	art Date for Procurement - ND Plant Wide Electrical	2089	12-Mar-15 A 21-Jan-18*	28-Nov-20				
	ompliance Date for Procurement - ND Plant Wide Electrical	0	21-0411-10	20-Jan-19*	-	◆ EPA Start Date for Pro	dcurement - ND Plant Wide Electrical	
	ement - ND Plant Wide Electrical	2089	12-Mar-15 A	28-Nov-20			◆ EPA Compliance Date for Procurement ND Plant Wide Electrical Procurement - ND Plant W	ide Électrical
Construction		2516	01-Oct-15 A	20-Aug-22				20-Aug-22, Construction
ND71110 EPA Sta	art Date for Construction - ND Plant Wide Electrical	0	21-Jan-19*				◆ EPA Start Date for Construction - ND Plant Wide Electrical	<u>. i. i.</u>
	uction - ND Plant Wide Electrical	2306	01-Oct-15 A	22-Jan-22				Construction - ND Plant Wide Electrical
	ntial Completion (CD Compliance Date 8/20/22) - ND Plant Wide Electrical	0	00.1.00	22-Jan-22*				Substantial Completion (CD Compliance Date 8/20/22)
	Closeout - ND Plant Wide Electrical	90	23-Jan-22	22-Apr-22*	-			Project Closeout - ND Plant Wide Electrical
Project Administration	ompliance Date for Construction - ND Plant Wide Electrical	2824	01-May-14 A	20-Aug-22* 22-Jan-22			·	◆ EPA Compliance Date for Construction - I 7 22-Jan-22, Project Administration
	Project Administration - ND Plant Wide Electrical	2824	01-May-14 A	22-Jan-22				
3.08 (1) - NDWWTP Gene ral I	Electrical In-house Construction (Feeders 1-2)	624	01-May-14 A	15-Jan-16 A		eneral Electrical In-house Construct	tion (Feeders 1-2)	WASD Project Administration - ND Plant Wide Electrica
Engineering Design		400	01-May-14 A	05-Jun-15 A	Engineering Design			
	ering Design - Electrical Feeders 1-2	401	01-May-14 A	05-Jun-15 A	Design - Electrical Feeders 1-2			
Permitting ND70230 Permitti	ing - Electrical Feeders 1-2	35 36	01-May-15 A 01-May-15 A	05-Jun-15 A 05-Jun-15 A	remitting	D	(Fooder 1.0)	
Procurement Permitti	ang - Liocancai i ecucio 1-2	202	12-Mar-15 A	30-Sep-15 A	ep-15 A, Procurement	Permitting - Electrica	ıı reeueis 1-4	
	ement - Electrical Feeders 1-2	203	12-Mar-15 A	30-Sep-15 A			Procurement - Electrical Feeders 1-2	
Construction		106	01-Oct-15 A	15-Jan-16 A	▼ 15-Jan-16 A, Construction			<u></u>
	uction - Electrical Feeders 1-2	107	01-Oct-15 A	15-Jan-16 A				Construction - Electrical Feeders 1-2
3.08 (2) - Electrical Feeders 3	3-6 (Project 3.01)		01-May-14 A	29-Oct-17	Free Access Acce	29-Oct-17, 3.08 (2) - Electri	ical Feeders 3-6 (Project 3.01)	
Engineering Design ND70180 Engineering	ering Design - Electrical Feeders 3-6 (Project 3.01)	400	01-May-14 A 01-May-14 A	05-Jun-15 A 05-Jun-15 A	Engineering Design			
Permitting	ening Design - Electrical Feeders 3-0 (Floject 3.01)	35	· ·	05-Jun-15 A	Permitting	ng Design - Electrical Feeders 3-6 (F	70Ject 3.01)	
	ing - Electrical Feeders 3-6 (Project 3.01)	36	01-May-15 A	05-Jun-15 A	~ - 	Permitting - Electrica	Feeders 3-6 (Project 3.01)	
Procurement		207	08-Apr-15 A	01-Nov-15 A	Nov-15 A, Procurement			
ND40530 Procure	ement - Electrical Feeders 3-6 (Project 3.01)	208	08-Apr-15 A	01-Nov-15 A			Procurement - Electrical Feeders 3-6 (Project 3.01)	
Construction	" FI 1: 15 1 00 P : 1004)	728	02-Nov-15 A	29-Oct-17	-	29-Oct-17, Construction		
	uction - Electrical Feeders 3-6 (Project 3.01)	728 1449	02-Nov-15 A 25-Nov-17	29-Oct-17 12-Nov-21			12	Construction - Electrical Feeders 3-6 (Proj. Nov.21, 3.08 (3) - Electrical Feeders 7-8 (Project 3.04)
3.08 (3) - Electrical Feeders 7 Engineering Design	7-0 (FTOJECT 3.04)	596	25-Nov-17	13-Jul-19		· · · · · · · · · · · · · · · · · · ·	13-Jul-19, Engineering Design	
	ering Design - Electrical Feeders 7-8 (Project 3.04)	596	25-Nov-17	13-Jul-19			Engineering Design - Electrical Feeders 7-8 (Project 3.04)	
Permitting		180	14-Jul-19	09-Jan-20			09-Jan-20, Permitting	
	ting - Electrical Feeders 7-8 (Project 3.04)	180	14-Jul-19	09-Jan-20	<u> </u>		Permitting - Electrical Feeders 7-8 (Project 3.04) 08-Oct-20, Procurement	
Procurement ND40540 Procure	ement - Electrical Feeders 7-8 (Project 3.04)	270 270	13-Jan-20 13-Jan-20	08-Oct-20 08-Oct-20				
Construction	ement - Electrical Feeders 7-6 (Floject 3.04)	400	09-Oct-20	12-Nov-21			Procurement - Electrical Feed	ers 7-8 (Project 3:04) Nov-21, Construction
	uction - Electrical Feeders 7-8 (Project 3.04)	400	09-Oct-20	12-Nov-21				Construction;- Electrical Feeders 7-8 (Proj
3.08 (4) - Electrical Feeders 9	9-14	1839	10-Jan-17 A	22-Jan-22	· · · · · · · · · · · · · · · · · · ·	-		22-Jan-22, 3.08 (4) - Electrical Feeders 9-14
Engineering Design		120	04-Jan-20	02-May-20			▼ 02-May-20, Engineering Design	
	on Date for Remaining Feeders - Electrical Feeders 9-10, 13-14	0	04-Jan-20*				♦ Decision Date for Remaining Feeders - Electrica	
-	ering Design - Electrical Feeders 9-10, 13-14	120	04-Jan-20	02-May-20			Engineering Design - Electrical Feeders 31-Jul-20, Permitting	9-10, 13-14
Permitting ND71220 Permitti	ting - Electrical Feeders 9-10, 13-14	90	03-May-20 03-May-20	31-Jul-20 31-Jul-20	1		Permitting - Electrical Feeders 9-1	13:14
Procurement	. •	120	01-Aug-20	28-Nov-20	·		28-Nov-20, Procurement	2·3
	ement - Electrical Feeders 9-10, 13-14	120	01-Aug-20	28-Nov-20	1		Procurement - Electrical F	
Construction		1839	10-Jan-17 A	22-Jan-22	-			22-Jan-22, Construction
	uction - Electrical Feeders 11&12	100	10-Jan-17 A	19-Apr-17 A				
	uction - Electrical Feeders 9-14	1839	10-Jan-17 A	22-Jan-22				Construction - Electrical Feeders 9-14
	uction - Electrical Feeders 9-10, 13-14	420	29-Nov-20	22-Jan-22		■ 13-Aug-17, 3.09 Flood Mitigatio	n	Construction - Electrical Feeders 9-10, 13
3.09 Flood Mitigation		1228	04-Apr-14 A	13-Aug-17	Engineering Design		Ĭ 	
Engineering Design ND71120 EPA Sta	art Date for Engineering Design - ND Flood Mitigation	422	04-Apr-14 A 21-Apr-14 A	30-May-15 A				
	Mitigation Interim Solution Letter - ND Flood Mitigation	0	24-Nov-14 A		ND Flood Mitigation			
	ering Design - ND Flood Mitigation	422	04-Apr-14 A	30-May-15 A	_blution Letter - ND Flood Mitigation Design - ND Flood Mitigation			
-	ompliance Date for Engineering Design - ND Flood Mitigation	0	•	30-May-15 A		Flood Mitigation		
Permitting		364	27-Nov-14 A	26-Nov-15 A	nce Date for Engineering Design - ND 6-Nov-15 A Permitting	.c.tood.biiitgatort		
	art Date for Permitting - ND Flood Mitigation	0	27-Nov-14 A		ing - ND Flood Mitigation			
	ting - ND Flood Mitigation	1	01-May-15 A	01-May-15 A	ermitting - ND Flood Mitigation			
	ompliance Date for Permitting - ND Flood Mitigation	0	04.14 (7.1	26-Nov-15 A	PA Compliance Date for Permitting 1 25-Nov-16 A F	ND Flood Mitigation		
Procurement ND71140 EPA Sta	art Date for Procurement - ND Flood Mitigation	574	01-May-15 A 27-Nov-15 A	25-Nov-16 A				
	ement - ND Flood Mitigation	421	01-May-15 A	24-Jun-16 A	Procurement - ND Procurement	ood Mitigation ND Flood Mitigation		
	ompliance Date for Procurement - ND Flood Miligation	0	,	25-Nov-16 A	 	1 1 7 1 1 1		
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WASD Consent Dec	cree Schedule - June 2017 Update	Í	S	Standard Layo	ut w Baseline (By Phase)				14-Jul-1	17 12:24 - Pag	ge No. 42 of
tivity ID	Activity Name	Original Duration	Start	Finish		017 2018	Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q	2021	2022	2023	202
ND10160	Construction - ND Flood Mitigation	421	01-May-15 A	24-Jun-16 A	Q1 Q2 Q0 Q4 Q1 Q2	Construction - ND Flood Mi		7 41 42 40 47 41	QZ Q0 Q7	Q1 Q2 Q0	1 47 41
ND10220	Substantial Completion (CD Compliance Date 8/13/17) - ND Flood Mitigation	0	,	24-Jun-16 A	Substantial Completic	(CD Compliance Date 8/13/17)			1		
ND71150	EPA Start Date for Construction - ND Flood Mitigation	0	26-Nov-16 A		1 1 1 1 1 1	ate for Construction - ND Flood M					
ND70670	EPA Compliance Date for Construction - ND Flood Mitigation	0		13-Aug-17*		◆ EPA Compliance Date for 0	Construction - ND Flood Mitigation				
Project Administration			04-Apr-14 A	24-Jun-16 A	24-Jun-16 A, Project A	dministration					
ND21590	WASD Project Administration - ND Flood Mitigation		04-Apr-14 A	24-Jun-16 A	WASD Project Admini	stration - ND Flood Mitigation			1-21-11-11		
3.10 Yard Piping R	Replacement	2436	05-Apr-15 A	04-Dec-21				√ 04-De	c-21, 3.10 Yard P	Piping Replacement	ıt.
Pre-Design			06-Apr-15 A	06-Apr-15 A	Design						
ND11435	Pre-Design - ND Secondary Clarifiers		06-Apr-15 A	06-Apr-15 A	Secondary Clarifiers	-200029-0000000000000000000000000000000			iii		
Engineering Design	S D . NDV ID. D I		06-Apr-15 A	16-Jul-17		16-Jul-17, Engineering Desig					
ND10100 ND71160	Engineering Design - ND Yard Piping Replacement	0	06-Apr-15 A	06-Apr-15 A	-	Engineering Design - ND Yar					
ND71160	EPA Start Date for Engineering Design - ND Yard Piping Replacement EPA Compliance Date for Engineering Design - ND Yard Piping Replacement	0	10-Apr-16 A	16-Jul-17*	◆ EPA Start Date for Engineer	ing Design - ND Yard Piping Repl					
Permitting	EFA Compilance Date for Engineering Design - ND faid Fiping Replacement	_	06-Apr-15 A	12-Jan-18	<u> </u>	Date for En	gineering Design - ND Yard Piping Replacement itting		{ 		
ND10150	Permitting - ND Yard Piping Replacement		06-Apr-15 A	06-Apr-15 A			/ard Piping Replacement				
ND71170	EPA Start Date for Permitting - ND Yard Piping Replacement	0	17-Jul-17*	007 tp: 1071	1						
ND70690	EPA Compliance Date for Permitting - ND Yard Piping Replacement	0		12-Jan-18*	1	◆ EPA Start Date for Permitting					
Procurement	3	1284	05-Apr-15 A	09-Oct-18	<u> </u>	● EPA Compliance	Date for Permitting - ND Yard Piping Replacement - 7 09-Oct-18, Procurement		:		-11-
ND10240	Procurement - ND Yard Piping Replacement		05-Apr-15 A	06-Apr-15 A			Procurement - ND Yard Piping Replacement				
ND71180	EPA Start Date for Procurement - ND Yard Piping Replacement	0	13-Jan-18*		1	▲ EPA Start Data €	or Procure ment - ND Yard Piping Replacement				
ND70700	EPA Compliance Date for Procurement - ND Yard Piping Replacement	0		09-Oct-18*	1		EPA Compliance Date for Procurement - ND Yard F	Pining Replacement			
Construction		2386	25-May-15 A	04-Dec-21			A CONTRIBUTE DATE TO FINANCIA TELL FIND YARD F	04-De	c-21, Construction	ın n	
ND20870	Rehab 1st 84" Pipe - ND Yard Piping Replacement	123	25-May-15 A	24-Sep-15 A	b 1st 84" Pipe - ND Yard Piping Rep	acem ent					
ND10290	Construction - ND Yard Piping Replacement	366	25-May-15 A	24-May-16 A		1		Const	ruction - ND Yard	Piping Replaceme	ent
ND20860	Rehab 2nd 84" Pipe - ND Yard Piping Replacement	83	03-Mar-16 A	24-May-16 A	Rehab 2nd 84" Pipe - NI	Yard Piping Replacement					
ND10440	Substantial Completion (CD Compliance Date 12/04/21) - ND Yard Piping Replacement	0		24-May-16 A		CD Compliance Date 12/04/21)	- ND Yard Piping Replacement				
ND40370	Project Closeout - ND Yard Piping Replacement	394	25-May-16 A	22-Jul-17*		Project Closeout - ND Yard F					
ND71190	EPA Start Date for Construction - ND Yard Piping Replacement	0	10-Oct-18*				► EPA Start Date for Construction - ND Yard Piping R	eplacement			
ND70710	EPA Compliance Date for Construction - ND Yard Piping Replacement	0		04-Dec-21*	<u> </u>			◆ EPA (ompliance Date	for Construction - N	ND Yard Piping
Project Administration			06-Apr-15 A	24-May-16 A	24-May-16 A , Project Adi	ninistration					
ND21600	WASD Project Administration - ND Secondary Clarifiers		06-Apr-15 A	24-May-16 A	WASD Project Administ	ration - ND Secondary Clarifiers					
3.11 SCADA RTU	Upgrades	540	30-Sep-13 A	24-Mar-15 A							
Construction			30-Sep-13 A	24-Mar-15 A	struction						
ND71200	EPA Start Date for Construction - ND SCADA RTU Upgrades		01-Oct-13 A		ades						
ND10020	Construction - ND SCADARTU Upgrades		30-Sep-13 A	26-Nov-14 A	SCADARTU Upgrades						
ND10070	Substantial Completion (CD Compliance Date 3/24/15) - ND SCADA RTU Upgrades	0		26-Nov-14 A	D Compliance Date 3/24/15) - ND	SCADA RTU Upgrades					
ND70720	EPA Compliance Date for Construction - ND SCADA RTU Upgrades	0		24-Mar-15 A	Date for Construction - ND SCADA	TU Upgrades	<u>iiiiiii</u>	<u>i</u> _i	<u></u> ,	<u>ii</u>	<u>.iii.</u>
	Collection & Transmission Line	5841	01-Oct-11 A	27-Sep-27							
_4.01 Collection Sy	stem // Repairs	5110	01-Oct-13 A	27-Sep-27							
Construction			01-Oct-13 A	27-Sep-27							
CT71230	EPA Start Date for Construction - Collection System I/I Repair	0	01-Oct-13 A		Repair						
CT10430	Substantial Completion (CD Compliance Date 9/27/27) - Collection System I/I Repair	0		29-Dec-23*					<u> </u>	1 1 1	♦ Subst
CT10070	Construction - Collection System I/I Repair		01-Oct-13 A	20-Feb-25							
CT50590	EPA Compliance Date for Construction - Collection System I/I Repair	0		27-Sep-27*	<u> </u>			<u>ii</u>	<u></u>	<u></u>	<u>.iii.</u>
4.01 (1.0) - PMCM	CIPP I/I Repairs		01-Feb-15 A	20-Feb-25		20 Jun 17, Engineering Design					
Engineering Design	CIPP Specifications & Scope to MDWASD - 2015/2016 Fiscal Year		01-Feb-15 A	30-Jun-17		7 30-Jun-17, Engineering Desig					
CT30000 CT30090	CIPP Specifications & Scope to MDWASD - 2019/2016 Piscal Year (PO 168)		01-Feb-15 A 01-May-16 A	18-Feb-15 A 24-Jun-16 A	& Scope to MDWASD - 2015/2016				: ! !		
CT30090	CIPP Specifications & Scope to MDWASD - 2017/2018 Fiscal Year		01-May-10 A	30-Jun-17		Scope to MDWAS D - 2016/2017					
Procurement	CIFF Specifications & Scope to MiDWASD - 2017/2016 Fiscal Teal	-	01-Way-17 A	30-Nov-17		CIPP Specifications & Scope 30-Nov-17, Procurer	to MDWASD - 2017/2018 Fiscal Year				
CT30010	CIPP Contractor Procurement - 2015/2016 Fiscal Year		01-Feb-15 A	30-Nov-15 A	1 1						
CT30120	CIPP Contractor Procurement - 2016/2017 Fiscal Year (RPQ PO 193)		02-Aug-16 A	31-Jan-17 A	CIPP Contractor Procurement - 2015						
CT30230	CIPP Contractor Procurement - 2017/2018 Fiscal Year	153	01-Jul-17	30-Nov-17	CIPP C	ontractor Procurement - 2016/201					
Construction	ON TOURISM TOURISM 25 W25 TO THOUSE TOUR		07-Dec-15 A	20-Feb-25		CIPP Contractor Pro	ocurement - 2017/2018 Fiscal Year		ii		
CT30060	CIPP Contract (Construction) - 2015/2016 Fiscal Year (PO 168)		07-Dec-15 A	24-Feb-17 A	O.D.D.	0.45/0	40 FIV(PD 400)				
CT30150	CIPP Contract (Construction) - 2016/2017 Fiscal Year (PO 193)	365	24-Jul-17*	23-Jul-18	CIPP	Contract (Construction) - 2015/20	P Contract (Construction) - 2016/2017 Fiscal Year (P	0.403)			
CT30240	CIPP Contract (Construction) - 2017/2018 Fiscal Year	365	21-Feb-18*	20-Feb-19	1	CIP	CIPP Contract (Construction) - 2017/2018				
CT50100	CIPP Contract (Construction) - 2018/2019 Fiscal Year	365	21-Feb-19*	20-Feb-20	1			Construction) - 2018/2019 Fiscal Ye	ear		
CT50110	CIPP Contract (Construction) - 2019/2020 Fiscal Year	366	21-Feb-20*	20-Feb-21	1		GIFF GOIMAGE (C		1 1 1	Figoral Voor	
CT50120	CIPP Contract (Construction) - 2020/2021 Fiscal Year		21-Feb-21*	20-Feb-22	1			CIPP Contract (Constructi	i i i	i i i	/2021 Fiber 13
CT50130	CIPP Contract (Construction) - 2021/2022 Fiscal Year		21-Feb-22*	20-Feb-23	1				JIFP GUITTAGT (CO	onstruction) - 2020/2	
CT50140	CIPP Contract (Construction) - 2022/2023 Fiscal Year		21-Feb-23*	20-Feb-24	1					ÇIPP ÇONTRA	ract (Construction
CT50150	CIPP Contract (Construction) - 2023/2024 Fiscal Year		21-Feb-24*	20-Feb-25	1						ÇI
	Dig & Replace I/I Repairs		01-Mar-15 A	23-Jan-25							
Engineering De sign		883	01-Mar-15 A	30-Jul-17	 	30-Jul-17, Engineering Desi	gn		; <u> </u>	7	7
Linging be sign	DI A D. L. O. IS III A O. L. MDWAOD COASIMA ST. L.V.		01-Mar-15 A	10-Mar-15 A	Laife diana & Canta to MDWASD	2015/2016 Fideal Véar					
CT30020	Dig & Replace Specifications & Scope to MDWASD - 2015/2016 Fiscal Year	10									
	Dig & Replace Specifications & Scope to MDWASD - 2015/2016 Fiscal Year Dig & Replace Specifications & Scope to MDWASD - 2016/2017 Fiscal Year (T2229)	-	01-May-16 A	01-Aug-16 A	cifications & Scope to MDWASD - 2	fications & Scope to MDWASD	- 2016/2017 Fiscal Year/T2220)				

	cree Schedule - June 2017 Update	1 0			/out w Baseline (By Phase) 14-Jul-17 12:24 - Page No. 43 o
tivity ID	Activity Name	Original Duration	Start	Finish	2016 2017 2018 2019 2020 2021 2022 2023 203 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 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1
Procurement		955	01-Mar-15 A	10-Oct-17	Q1 Q2 Q3 Q4 Q1 Q2
CT38000	Dig & Replace Contractor B Procurement - 2015/2016 Fiscal Year	232	01-Mar-15 A	18-Oct-15 A	
CT30040	Dig & Replace Contractor A Procurement - 2015/2016 Fiscal Year	239	01-Mar-15 A	25-Oct-15 A	To Replace Contractor Birlocurement - 20 10/20 to riscan reality in the internal reality in the intern
CT38010	Dig & Replace Contractor C Procurement - 2015/2016 Fiscal Year	324	01-Mar-15 A	18-Jan-16 A	Dig & Replace Contractor C Procurement - 2015/2016 Fiscal Year
CT30130	Dig & Replace Contractor Procurement - 2016/2017 Fiscal Year (T2229)	168	02-Aug-16 A	16-Jan-17 A	
CT30200	Dig & Replace Contractor Procurement - 2017/2018 Fiscal Year	72	31-Jul-17	10-Oct-17	Dig & Replace Contractor Procurement - 2017/2018 Fiscal Year
Construction		3385	19-Oct-15 A	23-Jan-25	July a Replace Cultuation Picturement - 2011/2018 riskal teal
CT38020	Dig & Replace Contract B (Construction) - 2015/2016 Fiscal Year	366	19-Oct-15 A	18-Oct-16 A	Dig & Replace Contract B (Construction) - 2015/2016 Fiscal Year
CT30070	Dig & Replace Contract A (Construction) - 2015/2016 Fiscal Year	366	26-Oct-15 A	25-Oct-16 A	Dig & Replace Contract A (Construction) - 2015/2016 Fiscal Year;
CT38030	Dig & Replace Contract C (Construction) - 2015/2016 Fiscal Year	365	18-Jan-16 A	16-Jan-17 A	
CT30160	Dig & Replace Contract Countywide (Construction) - 2016/2017 Fiscal Year (T2229)	365	26-Jun-17 A	25-Jun-18	Dig & Replace Contract Countywide (Construction) - 2016/2017 Fiscal Year (T2229)
CT30250	Dig & Replace Contract (Construction) - 2017/2018 Fiscal Year	365	25-Jan-18*	24-Jan-19	Dig & Replace Contract (Construction) -2017/2018 Fiscal Year
CT50160	Dig & Replace Contract (Construction) - 2018/2019 Fiscal Year	365	25-Jan-19*	24-Jan-20	Dig & Replace Contract (Construction) -2018/2019 Fiscal Year
CT50170	Dig & Replace Contract (Construction) - 2019/2020 Fiscal Year	366	25-Jan-20*	24-Jan-21	Dig & Replace Contract (Construction) -2019/2020 Fiscal Year
CT50180	Dig & Replace Contract (Construction) - 2020/2021 Fiscal Year	365	25-Jan-21*	24-Jan-22	Dig & Replace; Construction) - 2020/2021 F
CT50190	Dig & Replace Contract (Construction) - 2021/2022 Fiscal Year	365	25-Jan-22*	24-Jan-23	Dig & Réplace Contract (Co
CT50200	Dig & Replace Contract (Construction) - 2022/2023 Fiscal Year	365	25-Jan-23*	24-Jan-24	Dig W. representation of the control
CT50210	Dig & Replace Contract (Construction) - 2023/2024 Fiscal Year	365	25-Jan-24*	23-Jan-25	
4.01 (1.2) - PMCM	SSES I/I	1402	01-Mar-15 A	31-Dec-18	▼ 31-Ďec-18, 4.01 (1.2) - PMCM SSE\$ 1//
Engineering Design		883	01-Mar-15 A	30-Jul-17	▼ 30-Jul-17; Engineering Design
CT30030	SSES Specifications & Scope to MDWASD - 2015/2016 Fiscal Year	10	01-Mar-15 A	10-Mar-15 A	ns & Scope to MDWASD - 2015/2016 Fiscal Year
CT30110	SSES Specifications & Scope to MDWASD - 2016/2017 Fiscal Year (T2231)	74	06-Jun-16 A	18-Aug-16 A	
CT30190	SSES Specifications & Scope to MDWASD - 2017/2018 Fiscal Year	30	01-Jul-17*	30-Jul-17	
Procurement		1006	01-Mar-15 A	30-Nov-17	SSES Specifications & Scope to MDWASD - 2017/2018 Fiscal Year 30-NoV-17, Procurement
CT38040	SSES (CCTV) Procurement - 2015/2016 Fiscal Year	360	01-Mar-15 A	23-Feb-16 A	SSES (CCTV) Procurement - 2015/2016 Fiscal Year
CT30140	SSES Contractor Procurement - 2016/2017 Fiscal Year (T2231)	191	18-Aug-16 A	24-Feb-17 A	
CT30210	SSES Contractor Procurement - 2017/2018 Fiscal Year	123	31-Jul-17*	30-Nov-17	
Construction		1023	14-Mar-16 A	31-Dec-18	SSES Contractor Procurement - 2017/2018 Fiscal Year. 31-Dec-18, Construction
CT38050	SSES Construction (CCTV) - 2015/2016 Fiscal Year (T2101)	366	14-Mar-16 A	14-Mar-17 A	SSE\$ Construction (CCTV) - 2015/2016 Fiscal Year (T2101)
CT30170	SSES Contract (Construction) - 2016/2017 Fiscal Year (T2231)	365	03-Apr-17 A	02-Apr-18	SSES Contract (Construction) - 2016/2017 Fiscal Year (T2231)
CT30260	SSES Contract (Construction) - 2017/2018 Fiscal Year	365	01-Jan-18*	31-Dec-18	SSES Contract (Construction) - 2017/2018 Fiscal Year
4.01 (2) - PSIP Prog	gram I/I Repairs	1188	01-Oct-13 A	31-Dec-16 A	▼ 31-Dec-16 A, 4.01 (2) -PSIP Program I/I Repairs
Construction		1188	01-Oct-13 A	31-Dec-16 A	31-Dec-16 A, Construction
CT22790	Construction - PSIP Program I/I Repair (MDWASD)	1188	01-Oct-13 A	31-Dec-16 A	Constituction - Pole Program I/I Repair (vid.) ASD 1
4.01 (3) - M DWASD	O CM Team I/I Repairs	3736	01-Oct-13 A	23-Dec-23	▼ 23-De
Construction		3736	01-Oct-13 A	23-Dec-23	
CT33301	Construction -MDWASD CM Team I/I Repair (MDWASD)	3736	01-Oct-13 A	23-Dec-23	. Cons
	D WASD In-House I/I Repairs	3742	01-Oct-13 A	29-Dec-23	290
Construction	0 4 6 1000000000000000000000000000000000	3742	01-Oct-13 A	29-Dec-23	4
CT33302	Construction - WWCTLD WASD In-House I/I Repair (MD WASD)	3742	01-Oct-13 A	29-Dec-23	. Can
	Cut FM - Phase 1&2	730	01-Oct-11 A	30-Sep-13 A	
Construction		730	01-Oct-11 A	30-Sep-13 A	
CT71240	EPA Start Date for Construction - Government Cut FM Phase 1 & 2	0	01-Oct-12 A		
CT10010	Construction - Government Cut FM Phase 1 & 2	731	01-Oct-11 A	30-Sep-13 A	-
CT10030	Substantial Completion (CD Compliance Date 9/30/13) - Government Cut FM Phase 1 & 2	0		30-Sep-13 A	
CT50600	EPA Compliance Date for Construction - Government Cut FM Phase 1 & 2	0		30-Sep-13 A	PULLINITINGS T. G. Z
4.03 Government	Cut FM - Phase 3	1529	30-Jan-13 A	08-Apr-17 A	
Engineering Design	EDIOLOGIC EL LA DATA CALLETTE		30-Jan-13 A	22-Jan-14 A	
CT71250	EPA Start Date for Engineering Design - Government Cut FM Phase 3	0	30-Jan-13 A		
CT10000	Engineering Design (DCP) - Government Cut FM Phase 3	358	30-Jan-13 A	22-Jan-14 A	
CT50610	EPA Compliance Date for Engineering Design - Government Cut FM Phase 3	0		22-Jan-14 A	F. GOVERNITUE II. CALLENI PRIASE &
Procurement		798	28-Feb-13 A	07-May-15 A	
CT10170	Procurement - Government Cut FM Phase 3	329	28-Feb-13 A	22-Jan-14 A	Government Cut FM Phase 3
CT71260	EPA Start Date for Procurement - Government Cut FM Phase 3	0	08-May-14 A		ment Cut FM Phase 3
CT50620	EPA Compliance Date for Procurement - Government Cut FM Phase 3	0		07-May-15 A	Le Date for Flocutement-Government Cut rivi Friase 3:
De sign-Build	EDA Start Data for Domitting, Comment Cut EM Dhage 2	1171		08-Apr-17 A	— Vocation of Design Build
CT71280 CT50930	EPA Start Date for Permitting - Government Cut FM Phase 3	0	14-Jul-14 A	10-Dec-14 A	mment Cut FM Phase 3
	EPA Compliance Date for Permitting - Government Cut FM Phase 3**	0	00 M 45 A	10-Dec-14 A	Pemitting-Government Cut FM Prase 3 ⁴⁺
CT71270	EPA Start Date for Construction - Government Cut FM Phase 3	0	08-May-15 A	40 1:145 *	for Construction - Government Cut FM Phase 3
CT10020	Permitting - Government Cut FM Phase 3	444	02-May-14 A	19-Jul-15 A	
CT22250	Final Design (Design-Builder) - Government Cut FM Phase 3	589	23-Jan-14 A	03-Sep-15 A	esign (Design-builder) - Government Cut Fix Friase 3
CT10250	Construction - Government Cut FM Phase 3	916	23-May-14 A	23-Nov-16 A	
CT10360	Substantial Completion (CD Compliance Date 4/08/17) - Government Cut FM Phase 3	0		23-Nov-16 A	United the substantial completion (CD Compliance Date 4/06/17) + Government Cut FW Phase 3
CT40380	Project Closeout - Government Cut FM Phase 3	90	24-Nov-16 A	21-Feb-17 A	Floject Closecut - Government Cut Fin Flase 3
	EPA Compliance Date for Construction - Government Cut FM Phase 3	0		08-Apr-17 A	
CT50630					A Esta Combination - Pare the Computation - Provertiment Contract
CT50630 Project Administration CT38440		1483 1484	30-Jan-13 A 30-Jan-13 A	21-Feb-17 A 21-Feb-17 A	▼ 21-Fet-17 A, Project Administration

y ID	cree Schedule - June 2017 Update Activity Name	Original	Start	Finish	out w Baseline	(Dy Fliasi	2017			2018		2	019		202	20		2021			2022	-1/ 12	2023 2023	ige IVO.
y ID	Activity Name	Duration	Start	FIIIISII	Q1 Q2 Q3	04 01		3 04			Q4 Q1			04 Q1			4 01		3 04	1		04 01		3 Q4
Engineering Design		297	13-May-13 A	06-Mar-14 A	1 42 40	4. 4.		<u> </u>	1 4. 1 4	- 40	4. 4.		1 40 1			40 4	~.	1 1	Q.		- 90 9		1 42 4	9 4.
CT71290	EPA Start Date for Engineering Design - North Dade 72" PCCP FM Rehab	0	01-Oct-13 A		PCCP FM Reh	ah :																		
CT10050	Engineering Design (DCP) - North Dade 72" PCCP FM Rehab	279	13-May-13 A	15-Feb-14 A	PCCP FM Reha										- 1	i			į					
CT50640	EPA Compliance Date for Engineering Design - North Dade 72" PCCP FM Rehab	0		06-Mar-14 A	nn - North Dade	; 73" PCCP FM	Pehah																	
Permitting		419	04-Oct-14 A	27-Nov-15 A	n - North Dade 7-Nov-15 A Peri	mitting	Canas								1			11		ļ <u>j</u>			11	
CT71300	EPA Start Date for Permitting - North Dade 72" PCCP FM Rehab	0	04-Oct-14 A		- North Dade 72"	PCCP FM R	; ehab																	
CT50650	EPA Compliance Date for Permitting - North Dade 72" PCCP FM Rehab**	0		06-Mar-15 A	ate for Permittin		: .	PEM Re	hah**						1 1	į	i		į					
CT10150	Permitting - North Dade 72" PCCP FM Rehab	263	10-Mar-15 A	27-Nov-15 A	Permitting - North				liab															
Procurement	<u> </u>	761	03-Feb-14 A	05-Mar-16 A	05-Mar-16	A, Procureme	nt		÷		} }							† <u></u>		<u> </u>				
CT10230	Procurement - North Dade 72" PCCP FM Rehab	395	03-Feb-14 A	04-Mar-15 A	Procureme	ent - North Da	; de 72" PC(CP FM R	ehab						-	i			į					
CT71310	EPA Start Date for Procurement - North Dade 72" PCCP FM Rehab	0	07-Mar-15 A												- 1		- 1							- 1
CT50660	EPA Compliance Date for Procurement - North Dade 72" PCCP FM Rehab	0	07 11101 1071	05-Mar-16 A	Procurement - No	i i	1	i																
De sign-Build	2.77 compilation bate in 17 continued bate in 17 co	1092	10-Mar-15 A	05-Mar-18	◆ EPA Comp	pliance Date f	or Produre	mentN	orth Dade : 05-	72" PCC -Mar-18, I	P.FM Reha Design-Bui	ld:				 		įį		ļ <u> </u>			·	
CT22240	Final Design (Design-Builder) - North Dade 72" PCCP FM Rehab	179	10-Mar-15 A	04-Sep-15 A																				
CT10310	Construction - North Dade 72" PCCP FM Rehab	219		05-May-16 A	Design (Design-E	Builder) - North	Dade 72"	PCCPF			n - North D	, , , , ,	, DOOD F	4 Dahah					į					- 1
CT10410	Substantial Completion (CD Compliance Date 3/05/18) - North Dade 72" PCCP FM Rehab	0	30-3ер-13 А	· ·				-	Col	instruction	i - Noith D	aue /2	PCCPIFI	vi Kenab	' i - i		1		-					- 1
	· · · · · · · · · · · · · · · · · · ·	-	00.1440.4	05-May-16 A	◆ Substa	antial Comple		- 1	: :	- 1	: :		CCP FM R	ehab										
CT40390	Project Closeout - North Dade 72" PCCP FM Rehab	240	06-May-16 A	31-Dec-16 A		Pro	iect Close	out - No	th Dade 72	2" PCCP	FM Rehab								į					- 1
CT71320	EPA Start Date for Construction - North Dade 72" PCCP FM Rehab	0	09-Jul-17*		_		▶ E	EPA Stan	Date for C	Construct	on - North	Dade 7	2" PCOP	FM Reha	ab				į					
CT50670	EPA Compliance Date for Construction - North Dade 72" PCCP FM Rehab	0		05-Mar-18*	<u> </u>	<u></u>	1		◆ EP/	A Compl	ance Date	.for.Co	nstruction.	- North. E	Dade 72	PCCP FI	M.Rehab			ļļ				
Project Administration		1328	13-May-13 A	31-Dec-16 A	_	31-	Dec-16 A,	Project A	dministrat	tion									į					- 1
CT38430	WASD Project Administration - North Dade 72" PCCP FM Rehab	1329	13-May-13 A	31-Dec-16 A	1 1	 LWA	SD. Projec	at.A dmini	stration - N	North Dac	e 72". PCC	P.FM F	Rehab		لِيبيل.			1		1 1			.11	
1.05 South Dade 5	4 inch PCCP FM Rehabilitation	2056	05-Aug-14 A	21-Mar-20		1 1		- 1	1 1			-	1 1	- 1	▼ 21-Ma	ır-20, ;4.0	5 South	Dade 54 in	nch PCC	P FM Reh	abilitation			
Engineering Design		422	05-Aug-14 A	01-Oct-15 A	ct-15 A, Enginee	ering Design												1		1			1	
CT71330	EPA Start Date for Engineering Design - South Dade 54" PCCP FM Rehab**	0	05-Aug-14 A		sign - South Da	de 54" BCCB	EM Dahak	**																
CT50680	EPA Compliance Date for Engineering Design - South Dade 54" PCCP FM Rehab**	0		20-Feb-15 A	ate for Engineering				; ; ; ;	hah**					-		- 1							
CT10060	Engineering Design - South Dade 54" PCCP FM Rehab	423	05-Aug-14 A	01-Oct-15 A	neering Design -					пар									į					
Permitting	<u> </u>	446	14-Oct-15 A	02-Jan-17 A	neening Design		Jan-17 A,											 		 				
CT71340	EPA Start Date for Permitting - South Dade 54" PCCP FM Rehab	0	04-Jan-16 A	02 0dii 17 70				_	Ĭ				1 1		- 1		1		-	1				- 1
CT10160	Permitting - South Dade 54" PCCP FM Rehab	129	14-Oct-15 A	19-Feb-16 A	EPA Start Date		7		: :		hah								!					
CT50690	EPA Compliance Date for Permitting - South Dade 54" PCCP FM Rehab	0	14-001-13A	02-Jan-17 A		1 1	1 1	1	de 54" PCC	1									į					
	EFA Compliance Date for Fermitting - South Date 34 FCCF IN Reliab		07.4 45.4	-			A Complia	nce Date	for Permit	itti na - So	uth Dade 5	54", P.C.C	P.FM Rel	nab¦				 		 				
Procurement	EDA Otad Data for Description and Courth Dada FAII DOOD EM Dahah	618	•	15-Dec-16 A	- 1	1 13-0	- 10 M, F	Guleni	-						-		- 1		ŀ					- 1
CT71350	EPA Start Date for Procurement - South Dade 54" PCCP FM Rehab	0	07-Apr-15 A		r Procurement -																			
CT10240	Procurement - South Dade 54" PCCP FM Rehab	116	03-Jun-16 A	26-Sep-16 A		Proc	urement -	South D	ade 54" PC	CCP FM	Rehab				- 1				į					
CT50700	EPA Compliance Date for Procurement - South Dade 54" PCCP FM Rehab	0		15-Dec-16 A			Complian	ce Date	for Procure 27-Nov-17	ement - S	South Dade	54".P0	CP FM R	ehab				1		1			.]]	
Construction		428	26-Sep-16 A	27-Nov-17		1 1			27-Nov-17	7, Constru	ction													
CT71360	EPA Start Date for Construction - South Dade 54" PCCP FM Rehab	0	16-Dec-16 A			◆ EPA	Start Date	for Con	struction -	South Da	de 54" PC	CP FM	Rehab			į			į					
CT10320	Construction - South Dade 54" PCCP FM Rehab	320	26-Sep-16 A	11-Aug-17				-	Constructi	tion - Sou	th Dade 54	i" þcci	P¦FM Reha	ab ¦	- 1				1					1 1
CT10390	Substantial Completion (CD Compliance Date 11/27/17) - South Dade 54" PCCP FM Rehab	0		11-Aug-17*				Substa	ntial Comp	nletion (C	D Compli	; ance D	ate 11/27/	17) - Sou	ith Dade	54" PCCI	P FM Re	hab						
CT50710	EPA Compliance Date for Construction - South Dade 54" PCCP FM Rehab	0		27-Nov-17*	7			1	1 1 1		1 1	1	1 1	11	1 1	- 1	1	1 1	į					
4.05 (1) 48/54" FM	from SW 127 Ave/SW 280 St. to SW 107 Ave/SW 248 St (Phase 1)	1193	05-Aug-14 A	09-Nov-17	! !	! !	!		EPA Com 9-Nov-17,	4.05 (1)	18/54" FM	fram SV	M 127 Ave	/SW 280	st. to S	N 107 AV	ve/\$W 24	48 St (Phas	se 1)	1			11	
Engineering Design		422	•	01-Oct-15 A	ct-15 A, Enginee	ring Design	† -		÷		; :							 		ii			·	
CT12001	30% Design Submittal - 48/54 Inch FM (Phase 1)	208		28-Feb-15 A	1														į					
CT22220	30% Submittal Review - 48/54 Inch FM (Phase 1)	137	02-Mar-15 A	16-Jul-15 A	ttal - 48/54 Inch	i i									-		- 1							
CT22230	60% Design Submittal - 48/54 Inch FM (Phase 1)	14		24-Jul-15 A	nittal Review - 4	1 1	9																	
CT22610	60% Design Review - 48/54 Inch FM (Phase 1)			-	_ign Submittal - 4	8/54 Inch FM	(Phase 1)								- 1									
	, ,	19		12-Aug-15 A	_sign Review - 48	3/5 ₄ Inch FM (Phase 1)								- 1		- 1		-					- 1
CT22570	90% Design Submittal - 48/54 Inch FM (Phase 1)	30	13-Aug-15 A	11-Sep-15 A	esign Submittal	1 - 48/54 Inch	FM (Phase	e 1)¦																
CT80410	Engineering Design - 48/54 Inch FM (Phase 1)	423	05-Aug-14 A	01-Oct-15 A	_neering Design -	48/54 Inch Fl	Й (Pha <mark>s</mark> e ¹	1)	1		i i		1 1			i		1 1	į	1			1	
CT38110	90% Submittal Review - 48/54 Inch FM (Phase 1)	18	14-Sep-15 A	01-Oct-15 A	Submittal Revie	w48/54 Incl	n FM (Phas	se.1)			<u> </u>		.ii		ii	i		ll		jj				
Permitting		128	14-Oct-15 A	19-Feb-16 A															į					
CT12021	Permitting - 48/54 Inch FM (Phase 1)	129	14-Oct-15 A	19-Feb-16 A	Permitting_	48/54 Inch F	M (Phase₋	1)	<u> </u>						ii			<u> </u>		<u> </u>				
Procurement		441	21-Mar-16 A	04-Jul-17	1 1	1 1	; ()4-Jul-17	Procurem	nent		-			-		- 1							- 1
CT30011	Submit/Approve SBD Goals and Request to Advertise - 48/54 Inch FM (Phase 1)	47	21-Mar-16 A	06-May-16 A	Subm	it/Approve SB	D Goals a	nd Regu	st to Adve	ertise - 48	/ /54 Inch F	M (Phas	se 1)						-					
CT38060	Pre-Purchase Bid Package - 48/54 Inch FM (Phase 1)	39	25-Apr-16 A	02-Jun-16 A	i i	Purchase Bid	i i	i	i i	i														
CT30001	Design Documents Sent to Procurement - 48/54 Inch FM (Phase 1)	0	03-Jun-16 A		1 1 1	ign Documen		- 1	1 1	- 1	/ /Phase 1	N .			- 1									
CT38070	Advertise Pre-Purchase Package - 48/54 Inch FM (Phase 1)	0	03-Jun-16 A		1 1	ertise Pre-Pur			1 1		1 1	'												
CT30021	Advertise Bid Package - 48/54 Inch FM (Phase 1)	0	17-Jun-16 A		1 ; ;	- 1		7	1 1	- 1	; i) ;													- 1
CT30031	Bid Solicitation Period - 48/54 Inch FM (Phase 1)	40	17-Jun-16 A	26-Jul-16 A	- : :	ettise Bld Pa	1	- 1	1 1	1		1	1 1		1 1		-	1 1	1	1			1	-
	, ,	-		20-501-10 A	_	Bid Solicitatio	n Period -	48/54 Ind	h FM (Pha	ase 1)	: :	-			- 1		- 1							
CT30041	Bids Due - 48/54 Inch FM (Phase 1)	0	27-Jul-16 A	00.1.1.2.	→	Bids Due - 48	54 Inch FI	И (Phase	1)															
CT38100	VendorBid & Award - 48/54 Inch FM (Phase 1)	56	03-Jun-16 A	28-Jul-16 A	⊣	√e¦ndorBid&/	ward 48	/54 Inch	FM (Phase	e 1)									į					
CT38080	VendorNTP - 48/54 Inch FM (Phase 1)	0		28-Jul-16 A	→ \	ve;ndor NTP -	48/54 Inch	ıFMİ(Pha	se 1)			1					-		į					
CT30051	Bid Review Period - 48/54 Inch FM (Phase 1)	48	27-Jul-16 A	12-Sep-16 A	1 1	Bid Review			1 1	se 1)				-			-		-			-		
CT30061	Award Recommendation - 48/54 Inch FM (Phase 1)	0		12-Sep-16 A	1 1 1	Award Rec	1 6	- 1	1 1	- 1	1)													
CT12011	Procurement - 48/54 Inch FM (Phase 1)	116	03-Jun-16 A	26-Sep-16 A	1 1	Procurem	1 1		1 1	1	1								į					
CT30071	Final Approvals (BC C, Mayor, Risk Mgmt.) - 48/54 Inch FM (Phase 1)	14		26-Sep-16 A	i i	i i	i i	i i	i i	i i	A Inch Ct	(Dhr-	,,,				Ì		į					
CT30270	Pre-Purchase 54" Pipe & Valves - 48/54 Inch FM (Phase 1)	406	25-Apr-16 A	04-Jul-17		Final Appr	1 1	- 1	1 1	- 1	: :	- 1	1 1				-		-					
	, , ,	311	29-Jul-16 A	04-Jul-17			i i	i	ase 54" Pi	1	i i	i	i i	· i			}							
	Fabricate & Deliver Pre-Purchased 54" Pine & Fiftings - 48/54 Inch Fill (Phase 1)															4\							1 1	- 1
CT38090	Fabricate & Deliver Pre-Purchased 54" Pipe & Fittings - 48/54 Inch FM (Phase 1)	387	19-Oct-16 A	09-Nov-17	 			abricate	& Deliver I 9-Nov-17	Pre-Purci	ased 54" tion	Pipe.&	Fittinas4	18/5 <u>4</u> _Inc	:h:EM (P	ase_ii		†						

	cree Schedule - June 2017 Update				ayout w Baseline (By Phase) 14-Jul-17 12:24 - Page No. 49
ID	Activity Name	Original Duration	Start	Finish	2016
CT12031	Construction - 48/54 Inch FM (Phase 1)	297	19-Oct-16 A	11-Aug-17	, , , , , , , , , , , , , , , , , , , ,
CT12031	Substantial Completion Phase 1 (CD Compliance Date 11/27/17) - 48/54 Inch FM (Phase 1)	0	19-0CI-10 A	11-Aug-17*	CONSTRUCTION 140/34 INCIDENT (PRIASE I)
CT40400	Project Closeout - 48/54 Inch FM (Phase 1)	90	12-Aug-17	09-Nov-17*	▼ Substantial Completion Phase 1 (CD Compitance pale 1)12/11(1) -46(34 lingh FW (Phase 1)
Project Administration	, ,	1193	05-Aug-14 A	09-Nov-17	Project Closeour -48/54 Inch FM (Phase 1)
CT38420	WASD Project Administration - 48/54 Inch FM (Phase 1)	1193	05-Aug-14 A	09-Nov-17	,
	place 2.5 Miles of 54" FM from SW280h S./112th Ave 248th St./107 Ave.	2056	05-Aug-14 A	21-Mar-20	VVASD Project Administration - 48/54 Inch FM (Phase 1)
Engineering Design		1166	05-Aug-14 A	13-Oct-17	
CT40770	Engineering Design (Up to 60% Design) 2.5 Miles of 54" FM	354	05-Aug-14 A	24-Jul-15 A	
CT12051	Engineering Design - Rehab/Replace 2.5 Miles of 54" FM	1166	05-Aug-14 A	13-Oct-17	
CT40780	Engineering Design (60% - 90%) 2.5 Miles of 54" FM	63	12-Aug-17*	13-Oct-17	Engineering Design - Rehab/Replace 2.5 Miles of 54* FM
Permitting		180	14-Oct-17	11-Apr-18	
CT12061	Permitting - Rehab/Replace 2.5 Miles of 54" FM	180	14-Oct-17	11-Apr-18	
Procurement		270	12-Apr-18	06-Jan-19	Permitting - Rehab/Replace 2.5 Miles of 54" FVI. 9 06-Jan-19, Procurement
CT12071	Procurement - Rehab/Replace 2.5 Miles of 54" FM	270	12-Apr-18	06-Jan-19	Programment - Rehab/Pantage 2.5 Miles of 54" FM
Construction		440	07-Jan-19	21-Mar-20	Procurement - Rehab/Replace 2.5 Miles of 54" FM 21-Mar-20, Construction
CT12081	Construction (Phase 2) - Rehab/Replace 2.5 Miles of 54" FM	350	07-Jan-19	22-Dec-19	9 Construction (Phase 2)- Rehab/Replace 2.5 Miles of 54" FM
CT12091	Substantial Completion (Not Part of Consent Decree) - Rehab/Replace 2.5 Miles of 54" FM	0		22-Dec-19	
CT40410	Project Closeout - Rehab/Replace 2.5 Miles of 54" FM	90	23-Dec-19	21-Mar-20*)
Project Administration		2056	05-Aug-14 A	21-Mar-20	Project Closeout - Rehab/Replace 2.5 Miles of 54" FM. 21-Mar-20, Project Administration
CT38410	WASD Project Administration - Rehab/Replace 2.5 Miles of 54" FM	2056	05-Aug-14 A	21-Mar-20	0 WASD Project Administration - Rebab/Replace 2.5 Miles of 54" FM
06 Replacement	of Tamiami Canal Aerial Crossing FM's at NW 37 Ave	1418	11-Dec-12 A	29-Oct-16 A	
Engineering Design		387	11-Dec-12 A	02-Jan-14 A	A I I I I I I I I I I I I I I I I I I I
CT10040	Engineering Design - Replace Tamiami Canal/NW 37 Ave Crossing	91	11-Dec-12 A	11-Mar-13 A	
CT71370	EPA Start Date for Engineering Design - Replace Tamiami Canal/NW 37 Ave Crossing	0	01-Oct-13 A		mi Canal/NW 37 Ave Crossing
CT50720	EPA Compliance Date for Engineering Design - Replace Tamiami Canal/NW 37 Ave Crossing	0		02-Jan-14 A	
Permitting		661	12-Mar-13 A	02-Jan-15 A	
CT10120	Permitting - Replace Tamiami Canal/NW 37 Ave Crossing	61	12-Mar-13 A	11-May-13 A	A miami Canal/NW:37 Ave Crossing
CT71380	EPA Start Date for Permitting - Replace Tamiami Canal/NW 37 Ave Crossing	0	03-Jan-14 A		Canal/NW:37 Ave Crossing
CT50730	EPA Compliance Date for Permitting - Replace Tamiami Canal/NW 37 Ave Crossing	0		02-Jan-15 A	
Procurement		964	13-May-13 A	02-Jan-16 A	A for Permitting - Replace. Tamiami. Canal/NW.37 Ave. Crossing 02-Jan-16 A, Procurement
CT10200	Procurement - Replace Tamiami Canal/NW 37 Ave Crossing	144	13-May-13 A	03-Oct-13 A	A Procurement - Replace Tamiami Canal/NW 37 Ave Crossing
CT71390	EPA Start Date for Procurement - Replace Tamiami Canal/NW 37 Ave Crossing	0	03-Jan-15 A		urement - Replace Tamiami Canal/NW 37 Ave Crossing
CT50740	EPA Compliance Date for Procurement - Replace Tamiami Canal/NW 37 Ave Crossing	0		02-Jan-16 A	
Construction		1118	07-Oct-13 A	29-Oct-16 A	
CT10280	Construction - Replace Tamiami Canal/NW 37 Ave Crossing	233	07-Oct-13 A	27-May-14 A	A Construction Replace Tamiami Canal/NW 37 Ave Crossing
CT10350	Substantial Completion (CD Compliance Date 10/29/2016) - Replace Tamiami Canal/NW 37 Ave Crossing	0		27-May-14 A	A ce Date 10/29/2016) - Replace Tamiami Canal NW 37 Ave Crossing
CT71400	EPA Start Date for Construction - Replace Tamiami Canal/NW 37 Ave Crossing	0	03-Jan-16 A		EPA Start Date for Construction - Replace Tamiami Canal/NW 37 Ave Crossing
CT50750	EPA Compliance Date for Construction - Replace Tamiami Canal/NW 37 Ave Crossing	0		29-Oct-16 A	
07 Replacement	of 18 inch DIP FM in Miami Lakes	1855	11-Mar-12 A	09-Apr-17 A	A ◆ EPA Compliance Date for Construction - Replace Tamiami Canal/NW 37 Ave Crossing A 09 Apr-17 A, 4.07 Replacement of 18 inch DIP;FM in;Miami Lakes
Engineering Design		788	11-Mar-12 A	08-May-14 A	
CT71410	EPA Start Date for Engineering Design - Replace 18" DIP FM in Miami Lakes	0	01-Nov-13 A		DIP FM in Miami Lakes
CT10090	Engineering Design - Replace 18" DIP FM in Miami Lakes	789	11-Mar-12 A	08-May-14 A	
CT50760	EPA Compliance Date for Engineering Design - Replace 18" DIP FM in Miami Lakes	0		08-May-14 A	
Permitting		269	09-Jun-14 A	05-Mar-15 A	Pesigni-Replace to Dir rivini Maqui Lakes
CT71420	EPA Start Date for Permitting - Replace 18" DIP FM in Miami Lakes	0	09-Jun-14 A		e 18", DIP FM in Miami Lakes
CT10140	Permitting - Replace 18" DIP FM in Miami Lakes	137	09-Jun-14 A	23-Oct-14 A	
CT50770	EPA Compliance Date for Permitting - Replace 18" DIP FM in Miami Lakes	0		05-Mar-15 A	
Procurement		497	24-Oct-14 A	04-Mar-16 A	ate for Pemitting - Replace 18" DIP FM in Miami Lakes A 704-Mar-16 A; Procurement
CT71430	EPA Start Date for Procurement - Replace 18" DIP FM in Miami Lakes	0	06-Mar-15 A		Procule ment - Replace 18" DIP, FM in Miami Lakes
CT10220	Procurement - Replace 18" DIP FM in Miami Lakes	221	24-Oct-14 A	01-Jun-15 A	
CT50780	EPA Compliance Date for Procurement - Replace 18" DIP FM in Miami Lakes	0		04-Mar-16 A	
Construction	· · · · · · · · · · · · · · · · · · ·	677	02-Jun-15 A	09-Apr-17 A	E-PA Comphance Date for Progressian - Replace, to Div Privin Wildin Lakes.
CT10300	Construction - Replace 18" DIP FM in Miami Lakes	189	02-Jun-15 A	07-Dec-15 A	
CT10370	Substantial Completion (CD Compliance Date 4/09/17) - Replace 18" DIP FM in Miami Lakes	0		07-Dec-15 A	
CT71440	EPA Start Date for Construction - Replace 18" DIP FM in Miami Lakes	0	05-Mar-16 A		♦ EPA Start Date for Construction - Replace 18" DIP FM in Miami Lakes
CT40420	Project Closeout - Replace 18" DIP FM in Miami Lakes	220	08-Dec-15 A	14-Jul-16 A	
CT50790	EPA Compliance Date for Construction - Replace 18" DIP FM in Miami Lakes	0		09-Apr-17 A	Project Closeout - Replace 36 DIP PW III Milatiff Lakes
roject Administration	· · · · · · · · · · · · · · · · · · ·	1586	11-Mar-12 A	14-Jul-16 A	▼ EPA Computance Date to Construction - Replace 16. DIP FM III Mianto Lakes .
CT38400	WASD Project Administration - Replace 18" DIP FM in Miami Lakes	1587	11-Mar-12 A	14-Jul-16 A	
8 Rehabilitation	of 54 inch PCCP FM in the City	1607	06-Oct-14 A	28-Feb-19	WASD Floject Administration - Replace 16. DIF FW Intivitation Lances
ingineering Design	The state of the s	401	06-Oct-14 A	11-Nov-15 A	
CT71450	EPA Start Date for Engineering Design - Rehab 54" PCCP FM in the City**	0	06-Oct-14 A	1407-10 A	
CT50800	EPA Compliance Date for Engineering Design - Rehab 54" PCCP FM in the City**	0		03-Apr-15 A	g Design - Rehab 54" PCCP FM in the City** A Design - Rehab 54" PCCP FM in the City**
CT10080	Engineering Design (DCP) - Rehab 54" PCCP FM in the City	245	12-Mar-15 A	11-Nov-15 A	Date for Engineering Design - Renap 34 PCCP FM in the City
Permitting		269	04-Apr-15 A	29-Dec-15 A	- Y
CT71460	EPA Start Date for Permitting - Rehab 54" PCCP FM in the City**	0	04-Apr-15 A	20 D00-10 A	
	Permitting - Rehab 54" PCCP FM in the City	12		22-Jul-15 A	r Permitting; - Rehab 54" PCCP, FM in the City** A Permitting; - Rehab 54" PCCP, FM in the City
CT10130					

VASD Consent Decre	e Schedule - June 2017 Update Activity Name	Original	Start	Standard Lay	out w Baseline (By Phase) 2016 2017 2018	20)19		2020		2021		202		7 12:24 -	- Page N 023	10. 46 0
Wity ID	Activity Wallic	Duration	Otart	11111311		Q3 Q4 Q1 Q2				Q4 Q1		3 Q4 Q1			Q1 Q2		
Procurement		570		26-Sep-16 A	26-Sep-16 A, Procurement												-
CT71470	EPA Start Date for Procurement - Rehab 54" PCCP FM in the City**	0	06-Mar-15 A		Proculement - Rehab 54" PCCP FM in the City**												
CT50810	EPA Compliance Date for Procurement - Rehab 54" PCCP FM in the City**	0		08-Jul-16 A	▶ EPA Compliance Date for Procurement - Rehab 54	1" PCCP FM in the Cit	y**										
CT10210	Procurement - Rehab 54" PCCP FM in the City	248	23-Jan-16 A	26-Sep-16 A	Procurement - Rehab 54" PCCP FM in the C	ity	ļ									ļļ	
Construction	EDA Start Data for Construction Dehab 54" DOOD EM in the City of	269	20-Sep-16 A	16-Jun-17 A													
CT71480	EPA Start Date for Construction - Rehab 54" PCCP FM in the City**	0	20-Sep-16 A	00.447.4	■ EPA Start Date for Construction - Rehab 54" I	PCCP FM in the City**											
CT50830	EPA Compliance Date for Construction - Rehab 54" PCCP FM in the City**	0	07.0 40.4	09-Apr-17 A			CCP FM in	the City**									
CT10290	Construction - Rehab 54" PCCP FM in the City	262	27-Sep-16 A	16-Jun-17 A	27-Sep-17, 4.08 (1)		och PCCP F	M (Consent	Decree							ļ	
	s of 54 Inch PCCP FM (Consent Decree)	1083	27-Oct-14 A 27-Oct-14 A	27-Sep-17 11-Mar-15 A	esign;											44	
Pre-Design CT22070	Pre-Design - Rehab 2 Miles of 54" PCCP FM in the City	136	27-Oct-14 A 27-Oct-14 A	11-Mar-15 A													
Engineering De sign	1 10-Design - Tends 2 wines of 54 1 Oof 1 will tile only	372	12-Mar-15 A	18-Mar-16 A	b.2.Miles.of:54".PCCP.FM in the City. 18-Mar-16 A, Engineering Design		 										
CT22060	Basis of Design Report (BODR) - Rehab 2 Miles of 54" PCCP FM in the City	121	12-Mar-15 A	10-Jul-15 A									1 1				
CT22620	BODR Design Review - Rehab 2 Miles of 54" PCCP FM in the City	12	11-Jul-15 A	22-Jul-15 A	esign Report (BODR) - Rehab 2 Miles of 54" PCCP FM in the Cit	ν											
CT38120	As-Built Design Submittal - Rehab 2 Miles of 54" PCCP FM in the City	42	01-Oct-15 A	11-Nov-15 A	sign Review - Rehab 2 Miles of 54" PCCP FM in the City												
CT37350	Negotiate Scope & Fee of Remaining Design - Rehab 2 Miles of 54" PCCP FM in the City	260	30-Mar-15 A	14-Dec-15 A	-Built Design Submittal - Rehab 2 Miles of 54" PCCP FM in the	i i i											
CT80420	Engineering Design - Rehab 2 Miles of 54" PCCP FM in the City	373	12-Mar-15 A	18-Mar-16 A	Negotiate Scope & Fee of Remaining Design - Rehab 2 Miles o	; ; ;	ψity										
CT22100	Develop Performance Specifications - Rehab 2 Miles of 54" PCCP FM in the City	170	01-Oct-15 A	18-Mar-16 A	Engineering Design - Rehab 2 Miles of 54" PCCP FM in the	1 1 1											
Permitting		11	11-Jul-15 A	22-Jul-15 A	Develop Performance Specifications - Rehab 2 Miles of 5	4" RCCP_FM in the Ci	ty									 	
CT22110	Permitting - Rehab 2 Miles of 54" PCCP FM in the City	12	11-Jul-15 A	22-Jul-15 A	Popola 2 Mileo of 54" DOCD TM in the City					-							
Procurement	·	247	23-Jan-16 A	26-Sep-16 A	: - Rehab 2 Miles of 54" PCCP FM in the City 26-Sep-16 A, Procurement		f	· · · · ·								T	
CT33021	Submit/Approve SBD Goals - Rehab 2 Miles of 54" PCCP FM in the City	21	23-Jan-16 A	12-Feb-16 A	■ Submit/Approve SBD Goals - Rehab 2 Miles of 54" PCCP FI	Min the City											
CT33011	Design Documents Sent to Procurement - Rehab 2 Miles of 54" PCCP FM in the City	0	18-Apr-16 A		◆ Design Documents Sent to Procurement - Rehab 2 Mile	i i i	the City										
CT33031	Advertise Bid Package - Rehab 2 Miles of 54" PCCP FM in the City	0	25-May-16 A		Advertise Bid Package - Rehab 2 Miles of 54" PCCP	1 1 1	inc Only										
CT33041	Bid Solicitation Period - Rehab 2 Miles of 54" PCCP FM in the City	43	25-May-16 A	06-Jul-16 A	Bid Solicitation Period - Rehab 2 Miles of 54" PCC												
CT33051	Bids Due - Rehab 2 Miles of 54" PCCP FM in the City	0	07-Jul-16 A		♦ Bids Due - Rehab 2 Miles of 54" PCCP FM in the	1 1 1											
CT33061	Bid Review Period - Rehab 2 Miles of 54" PCCP FM in the City	44	07-Jul-16 A	19-Aug-16 A		1 1 1											
CT33071	Award Recommendation - Rehab 2 Miles of 54" PCCP FM in the City	0		19-Aug-16 A	◆ Award Recommendation - Rehab 2 Miles of 54	1 1 1 1 1 1	,										
CT50940	Bid Protest - Rehab 2 Miles of 54" PCCP FM in the City	31	24-Aug-16 A	23-Sep-16 A	Bid Protest - Rehab 2 Miles of 54" PCCP FM	1 1 1 1	Ï										
CT22120	Procurement - Rehab 2 Miles of 54" PCCP FM in the City	162	18-Apr-16 A	26-Sep-16 A	Procurement - Rehab 2 Miles of 54" PCCP F	1 7 1											
CT33081	Final Approvals (BCC, Mayor, Risk Mgmt.) - Rehab 2 Miles of 54" PCCP FM in the City	3	24-Sep-16 A	26-Sep-16 A		1 1 1	CCP FM in	the City									
Construction		382	27-Sep-16 A	27-Sep-17	Final Approvals (BCC, Mayor, Risk Mont.) - 27-Sep-17; Constru	ction	i i i	wic Ordy	-1		1	1 1 1				1	
CT33091	Contractor Notice to Proceed (NTP) - Rehab 2 Miles of 54" PCCP FM in the City	0	27-Sep-16 A		◆ Contractor Notice to Proceed (NTP); Rehab	2 Miles of 54" PCCP F	M in the Cit	v									
CT22650	Construction - Rehab 2 Miles of 54" PCCP FM in the City	262	27-Sep-16 A	16-Jun-17 A	Construction - Rehab 2 Mi	i i i	i i										
CT10380	Substantial Completion (CD Compliance Date 4/09/17) - Rehab 2 Miles of 54" PCCP FM in the City	0		16-Jun-17 A	♦ Substantial Completion (C	1 1 1	1 1	¦ ¦ hab 2 Miles	of 54" PC	CP FM in	the City						
CT40000	Project Closeout - Rehab 2 Miles of 54" PCCP FM in the City	90	17-Jun-17 A	27-Sep-17*		Rehab 2 Miles of 54" F Administration	1 1	1 1	.]							11	
Project Administration		917	12-Mar-15 A	27-Sep-17	27-Sep-17, Project	Administration							1 1				
CT38390	WASD Project Administration - Rehab 2 Miles of 54" PCCP FM in the City	917	12-Mar-15 A	27-Sep-17	WA\$D. Project Adm	inistration - Rehab 2 N 28-Fel	diles of 54".	PCCP FM in	the City	and total		- 41 DOOD FI	بأسام			ļļ	
. , ,	ce an Additiona I 2 M iles of 54" PCCP FM (Non-Consent Decree)	1586	27-Oct-14 A	28-Feb-19		▼ 28-FeI	p-19, 4,08 (2	:) _: Renap/Re	olace an A	aditional	2 Miles of	54" PCCP FN	vi (Non-Go	nsent Decre	ee) :	ļļ	
Pre-Design	Des Designs - Debah (Designs Additional O.Miles of FAII DOOD FM in the City	135	27-Oct-14 A	11-Mar-15 A	esign												
CT22660	Pre-Design - Rehab/Replace Additional 2 Miles of 54" PCC P FM in the City	136	27-Oct-14 A	11-Mar-15 A	p/Replace Additional 2 Miles of 54", PCCP FM in the City 18-Mar-16 A, Engineering Design		ļ									ļļ	
Engineering Design CT22670	Basis of Design Report (BODR) - Rehab/Replace Additional 2 MIles of 54" PCCP FM in the City	372 121	12-Mar-15 A 12-Mar-15 A	18-Mar-16 A 10-Jul-15 A													
CT22680	BODR Design Review - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City	121	11-Jul-15 A	22-Jul-15 A	esign Report (BODR) - Rehab/Replace Additional 2 Miles of 54"	1 1 1 1											
CT80430	Engineering Design - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City	373	12-Mar-15 A	18-Mar-16 A	sign Review - Rehab/Replace Additional 2 Miles of 54" PCC P F	1 1 1											
CT22710	Develop Performance Specifications - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City	170	01-Oct-15 A	18-Mar-16 A	Engineering Design - Rehab/Replace Additional 2 Miles of	i i i	i i i										
Permitting	20000p. Silamanoo opoonioadono. Ronabirropiaco Atantional Aminos di 04 FOOF FINE III die Orty	21	01-Oct-15 A	22-Jul-15 A	Develop Performance Specifications - Rehab/Replace Ad	ditional 2 Miles of 54"	P.C.CP, FM.i.	n the City			- 					· 	
CT22740	Permitting - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City	22	01-Jul-15 A	22-Jul-15 A													
Procurement		247	23-Jan-16 A	26-Sep-16 A	- Rehab/Replace Additional 2 Miles of 54". PCC.P.FM in the Cit	/	tt	11				-11				1	
CT35200	Submit/Approve SBD Goals and Request to Advertise - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City	21	23-Jan-16 A	12-Feb-16 A		h/Ren Jace Additional	2 Mile's of 5	4" PCCP FI	/in the Ci	tv							
CT35190	Design Documents Sent to Procurement - Rehab/Replace Additional 2 Miles of 54" PC CP FM in the City	0	18-Apr-16 A		◆ Design Documents Sent to Procurement - Rehab/Repla	1 1 1	1 1	1 1	1 1	.,							
CT35210	Advertise Bid Package - Rehab/Replace Additional 2 Miles of 54" PC CP FM in the City	0	25-May-16 A		Advertise Bid Package - Rehab/Replace Additional 2	i i i	i i	i i	- [**	-							
CT35220	Bid Solicitation Period - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City	43	25-May-16 A	06-Jul-16 A	Bid Solicitation Period - Rehab/Replace Additional	1 1 1	1 1 1	1 1									
CT35230	Bids Due - Rehab/Replace Additional 2 Miles of 54" PC CP FM in the City	0	07-Jul-16 A		♦ Bids Due - Rehab/Replace Additional 2 Miles of 5	1 1 1	i i	"									
CT35240	Bid Review Period - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City	44	07-Jul-16 A	19-Aug-16 A		1 1 1		tv i									-
CT35250	Award Recommendation - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City	0		19-Aug-16 A		1 1 1	1 1	1 1									-
CT50950	Bid Protest - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City	31	24-Aug-16 A	23-Sep-16 A	Bid Protest - Rehab/Replace Additional 2 Mil	i i i	i i										
CT22750	Procurement - Rehab/Replace Additional 2 Miles of 54" PC CP FM in the City	162	18-Apr-16 A	26-Sep-16 A	Procurement - Rehab/Replace Additional 2 Mil	1 1 1	1 1										
CT35260	Final Approvals (BCC, Mayor, Risk Mgmt.) - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City	3	24-Sep-16 A	26-Sep-16 A		i i i	i i	of 54" PCC	P FM in th	e_Citv	1						
Construction		885	27-Sep-16 A	28-Feb-19		28-Fel	b-19, Constr	uction]	
CT35270	Contractor Notice to Proceed (NTP) - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City	0	27-Sep-16 A		◆ Contractor Notice to Proceed (NTP) - Rehab/	Replace Additional 2 l	Miles of 54"	PCC P FM i	the City								
CT22760	Construction Phase 2 - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City	365	01-Dec-17*	30-Nov-18		1 1 1	: :	1 1	1 1	onal 2 Mi	les of 54" F	CCP FM in t	he City				
CT22770	Substantial Completion (Non Consent Decree) - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City	0		30-Nov-18		◆ Substantial	1 1	1 1		10	1 1	1 1		" PC CP FM	in the Citv		
CT40430	Project Closeout - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City	90	01-Dec-18	28-Feb-19										٠. ١٧١		1	
Project Administration		1282	12-Mar-15 A	28-Feb-19		▼ 28-Fel	b-19, Project	tAdministra	tion			PC CP.FM in.					
CT38380	WASD Project Administration - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City	1282	12-Mar-15 A	28-Feb-19		wası	Project Adı	ministration	Rehab/R	Replace A	Additional 2	Miles of 54"	PCCP FM	in the City			
4.09 Replace Approx	imately 30 miles of AC FM Transmission System	2677	28-Aug-12 A	26-Dec-19		1 1 1		₹ 26-Dec-1	9, 4.09 Re	eplace A	pproxim atel	Miles of 54" 7 30 miles of	fAC FM Tr	ansmissio	n System		
		1531	28-Aug-12 A	11-Feb-18	14 Eob 40	Engineering Design	+	- + +									

ID Consent Deci	ree Schedule - June 2017 Update Activity Name	Original	Start	Finish	out w Baseline (By Phase) 14-Jul-17 12:24 - Page No. 4 2016 2017 2018 2019 2020 2021 2022 2023
	round name	Duration	Otart	1 1111011	Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1
CT71490	EPA Start Date for Engineering Design - Replace ~30 miles of AC FM Trans System**	0	01-Nov-13 A) miles of AC FM Trans System**
CT50840	EPA Compliance Date for Engineering Design - Replace ~30 miles of AC FM Trans System**	0		09-Oct-14 A	gineering Design - Replace ~30 miles of AC FM Trans \$ystem**
CT10110	Engineering Design - Replace ~30 miles of AC FM Trans System	1357	28-Aug-12 A	11-Feb-18	Engineering Design - Rep(ace ~30 miles of AC FM Trans System
Permitting CT71500	EPA Start Date for Permitting - Replace ~30 miles of AC FM Trans System**	1495	05-Aug-13 A 10-Oct-14 A	12-Nov-18	
CT10190	Permitting - Replace ~30 miles of AC FM Trans System	1008	05-Aug-13 A	12-May-18	Replace ~30 miles of AC FM Trans System**
CT50850	EPA Compliance Date for Permitting - Replace ~30 miles of AC FM Trans System	000	05-Aug-13 A	12-Nov-18*	Permitting - Replace ~30 miles of AC FM Trans System
Procurement	ELA Compilatice Date for Climitary - replace 30 miles of Ao FW Haris Oystem	1280	16-Dec-13 A	11-Apr-19	◆ EPA Compliance Date for Permitting - Replace ~30 miles of AC FM Trans. System:
CT71510	EPA Start Date for Procurement - Replace ~30 miles of AC FM Trans System**	0	10-Oct-15 A	11740110	Start Date for Procure ment - Replace ~30 miles of AC FM Trans System**
CT10270	Procurement - Replace ~30 miles of AC FM Trans System	494	16-Dec-13 A	28-Aug-18	Start Date for Procurement - Replace ~30 miles of AC FM Trans System
CT50860	EPA Compliance Date for Procurement - Replace ~30 miles of AC FM Trans System	0		11-Apr-19*	
Construction		1240	14-Apr-14 A	08-Oct-19	► EPA Compliance Date for Procurement - Replace ~30 miles of AC FM Trans. System. 7 08-Oct-19, Construction
CT71520	EPA Start Date for Construction - Replace ~30 miles of AC FM Trans System	0	09-Oct-16 A		◆ EPA Start Date for Construction - Replace ~30 miles of AC FM Trahs System
CT10340	Construction - Replace ~30 miles of AC FM Trans System	1145	14-Apr-14 A	22-Jul-19	Construction - Replace ~30 miles of AC FM Trans System
CT10420	Substantial Completion (CD Compliance Date 10/08/19) - Replace ~30 miles of AC FM Trans System	0		22-Jul-19*	♦ Substantial Completion (CD Compliance Date 10/08/19) Replace ~30 miles of AC FM Trans System
CT50880	EPA Compliance Date for Construction - Replace ~30 miles of AC FM Trans System	0		08-Oct-19*	Date for Construction - Replace ~30 miles of AC FM Trans. System. 27-May-18, 4,09 (1), (44-45), (54-56), (57-59), (64) - ACP Monitoring
.09 (1), (44-45), (54	-56), (57-59), (64) - ACP Monitoring	300	01-Aug-17	27-May-18	
Pre-Design	D. D. : 400 (4) (4445) (5450) (5750) (61	90	01-Aug-17	29-Oct-17	▼──▼ 29-Oct-17, Pre-Design
CT22260	Pre-Design - 4.09 (1), (44-45), (54-56), (57-59), (64)	90	01-Aug-17*	29-Oct-17	Pre-Design - 4:09 (1): (44.45). (54-56). (57-59). (64).
Engineering Design CT12101	Verification of Existing Conditions - 4.09 (1), (44.45), (54-56), (57-59), (64)	120 120	30-Oct-17 30-Oct-17	26-Feb-18 26-Feb-18	Verification of Existing Conditions - 4/09 (1), (44.45), (54-56), (57-59), (64)
Construction	verification of Existing conditions - 7.00 (1), (44-70), (54-70), (51-70), (64)	90	27-Feb-18	27-May-18	verification of existing Cultifulture 4-05 (1); (4444), (54-56), (57-59), (64) ———————————————————————————————————
CT40440	Project Closeout - 4.09 (1), (44-45), (54-56), (57-59), (64)	90	27-Feb-18	27-May-18*	-
Project Administration	· vev ev ev ev e	210	30-Oct-17	27-May-18	Project Closeout - 4.09.(1), (44-45), (54-56), (57-59), (64) 27-May-18, Project, Administration
CT38530	WASD Project Administration - 4.09 (1), (44-45), (54-56), (57-59), (64)	210	30-Oct-17	27-May-18	WASD Project Administration - 4.09 (1) (44.45) (54.56) (57.59) (64)
09 (2) Replacemen	nt of 2,403 LF of 12" ACP FM - NE 14th Ave. from PS-0455 to Miami Gardens Dr.	1063	24-Apr-14 A	22-Mar-17 A	WASD Project Administration - 4.09 (1), (44.45), (54.56), (57.59), (64) 22-Mar-17 A, 4.09 (2) Replacement of 2,403 LF of 12" ACP FM - NE 14th Ave. from PS 0455 to Miami Gardens Dr.
ngineering Design		440	24-Apr-14 A	08-Jul-15 A	A, Engineering Design
CT12151	Engineering Design - 4.09 (2)	441	24-Apr-14 A	08-Jul-15 A	g Design - 4.09 (2)
ermitting		77	09-Jul-15 A	24-Sep-15 A	p-15 A Permitting
CT12161	Permitting - 4.09 (2)	78	09-Jul-15 A	24-Sep-15 A	Permitting - 4(09 (2)
Procurement	D : D	203	26-Oct-15 A	16-May-16 A	16-May-16 A, Procurement
CT35010	Design Documents Sent to Procurement - 4.09 (2)	0	26-Oct-15 A	00 Nov 15 A	sign Documents Sent to Procurement - 4.09 (2)
CT35020	Submit/Approve SBD Goals and Request to Advertise - 4.09 (2)	14	26-Oct-15 A 09-Nov-15 A	08-Nov-15 A	bmit/Approve SBD Goals and Request to Advertise - 4.09 (2)
CT35030 CT35040	Advertise Bid Package - 4.09 (2) Bid Solicitation Period - 4.09 (2)	36	09-Nov-15 A	14-Dec-15 A	Vertisje Bid Packape - 4.09 (2)
CT35050	Bids Due - 4.09 (2)	0	14-Dec-15 A	14-Dec-15 A	Bid Solicitation Period -4.09 (2)
CT35060	Bid Review Period - 4.09 (2)	33	14-Dec-15 A	15-Jan-16 A	Bids Due -4.09 (2)
CT35070	Award Recommendation - 4.09 (2)	0	14-DCC-107A	15-Jan-16 A	Bid Revięw Perrod - 4 (09 (2))
CT12171	Procurement - 4.09 (2)	204	26-Oct-15 A	16-May-16 A	Award Recommendation - 4.09 (2) Procurement - 4.09 (2)
CT35080	Final Approvals - 4.09 (2)	122	16-Jan-16 A	16-May-16 A	
Construction	This is the second of the seco	309	17-May-16 A	22-Mar-17 A	Final Approvals - 4,09(2) 22-Mar-17 A. Construction
CT35090	Contractor Notice to Proceed (NTP) - 4.09 (2)	0	17-May-16 A		◆ Contractor Notice to Proceed (NTP) - 4:09 (2)
CT12181	Construction - 4.09 (2)	162	17-May-16 A	25-Oct-16 A	Construction - 4(09 (2)
CT12191	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (2)	0		25-Oct-16 A	♦ Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (2)
CT40450	Project Closeout - 4.09 (2)	149	25-Oct-16 A	22-Mar-17 A	
Project Administration		1063	24-Apr-14 A	22-Mar-17 A	Project Closeout - 4.09 (2) 22-Mar-17 A, Project Administration
CT38370	WASD Project Administration - 4.09 (2)	1064	24-Apr-14 A	22-Mar-17 A	WASD Project Administration - 4.09 (2) 22-Mar-17 A, 4.09 (3-5, 8) R PQ 11811 Replacement of FM from Pump Station #0356 to NW 183rd and 52nd Ave.
, , ,	811 Replacement of FM from Pump Station #0356 to NW 183rd and 52nd Ave.	1667	28-Aug-12 A	22-Mar-17 A	22-Mar-17 A, 4.09 (3-5, 8) RPQ T1811 Replacement of FM from Pump Station #0356 to NW 183rd and 52nd Ave.
Engineering Design	F :	340		02-Aug-13 A	
CT12201	Engineering Design - 4.09 (3-5,8)	340	28-Aug-12 A	02-Aug-13 A	[5,8]
Permitting CT12211	Permitting - 4 00 (3-5.8)	138	05-Aug-13 A	20-Dec-13 A	
C 112211 Procurement	Permitting - 4.09 (3-5,8)	138	05-Aug-13 A 16-Dec-13 A	20-Dec-13 A 11-Apr-14 A	Permittlng - 4'.09 (3-5,8)
CT12221	Procurement - 4.09 (3-5,8)	117	16-Dec-13 A 16-Dec-13 A	11-Apr-14 A 11-Apr-14 A	Proburement - 4:09 (3-5,8)
Construction	· · · · · · · · · · · · · · · · · · ·	1073	14-Apr-14 A	22-Mar-17 A	22-Mar-17 A, Construction
CT12231	Construction - 4.09 (3-5,8)	120	14-Apr-14 A	11-Aug-14 A	Construction - 4/09 (3-5,8)
CT12241	Substantial Completion (CD Compliance Date 10/08/19) - 4.9 (3-5,8)	0		11-Aug-14 A	pliance Date 10/08/19) ÷ 4.9 (3-5,8)
CT80630	Project Closeout - 4.9 (3-5,8)	149	25-Oct-16 A	22-Mar-17 A	Project Closeout : 4.9 (3-5,8)
roject Administration		714	28-Aug-12 A	11-Aug-14 A	
CT38500	WASD Project Administration - 4.09 (3-5,8)	714		11-Aug-14 A	
09 (6-7) Replace 3	25LF of 6" ACP FM from PS #0362 to NW52nd Ct. and 190th St. & 400LF 10" to 189th	1173	29-Aug-14 A	13-Nov-17	▼ 13-Nov-17, 4.09 (6-7) Replace 325LF of 6" ACP FM from PS #0362 to NW 52nd Ct and 190th St. & 400LF10" to 189th
Pre-Design		209	•	26-Mar-15 A	Design
CT22270	Pre-Design - 4.09 (6-7)	210		26-Mar-15 A	(6-7)
Engineering Design	E :	220		02-Nov-15 A	Nov-15 A, Engineering Design
CT12251	Engineering Design - 4.09 (6-7)	221	27-Mar-15 A	02-Nov-15 A	gineering Design +4.09 (6-7)
Permitting	Demoitting 4.00 (6.7)	155	03-Nov-15 A	06-Apr-16 A	▼ 06-Apr-16 A, Permitting
CT12261	Permitting - 4.09 (6-7)	156 438	03-Nov-15 A 15-Apr-16 A	06-Apr-16 A 26-Jun-17 A	Pemitting - 4:09 (6-7)
Procurement		4.38	LO-ADI- ID A	ZOSTUD-1/ A	

/ID	ee Schedule - June 2017 Update Activity Name	Original	Start	Standard Layo		016	,	2017	2018		2019		-	2020		2021	1		2022	Jul-17 1	2:24 - P	
/ ID	Activity Name	Duration	Start	FIIIISII					Q1 Q2 Q3	T 04 01		1 04			24 01			M 01		104 0		
CT35290	Submit/Approve SBD Goals and Request to Advertise - 4.09 (6-7)	73	15-Apr-16 A	26-Jun-16 A				1			QZ Q	Q4	Q1 Q2	Q3 C	24 Q1	QZ C	QJ Q	4 41	QZ Q3	Q+ Q	1 Q2	20 Q4
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CT35330	Bid Review Period - 4.09 (6-7)	46	27-Jul-16 A	10-Sep-16 A	_	Bid R	eview Peri	od - 4.09 (6-7)							į		- 1	-				
CT35340	Award Recommendation - 4.09 (6-7)	0		10-Sep-16 A		◆ Awar	Recomm	endation - 4.0	9 (6-7)	1 1 1		-			1		1	1 1	1			-
CT12271	Procurement - 4.09 (6-7)	168	15-Apr-16 A	29-Sep-16 A			: :		1 1 1	1 1 1	Procure	ment - 4.0	9 (6-7)				1					
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CT80470	Award Recommendation (Second Bidder) - 4.09 (6-7)	0		06-Mar-17 A	1			1	(Second Bidder)		_						į					
CT80480	Final Approvals (Second Bidder) - 4.09 (6-7)	90	07-Mar-17 A	26-Jun-17 A	-		. ◆ Awa	i	ndation (Second F	i i i	i	-					-	-	1	1		
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CT40460	Project Closeout - 4.09 (6-7)	90	16-Aug-17	13-Nov-17*					1 1 1 1	.,							- 1					
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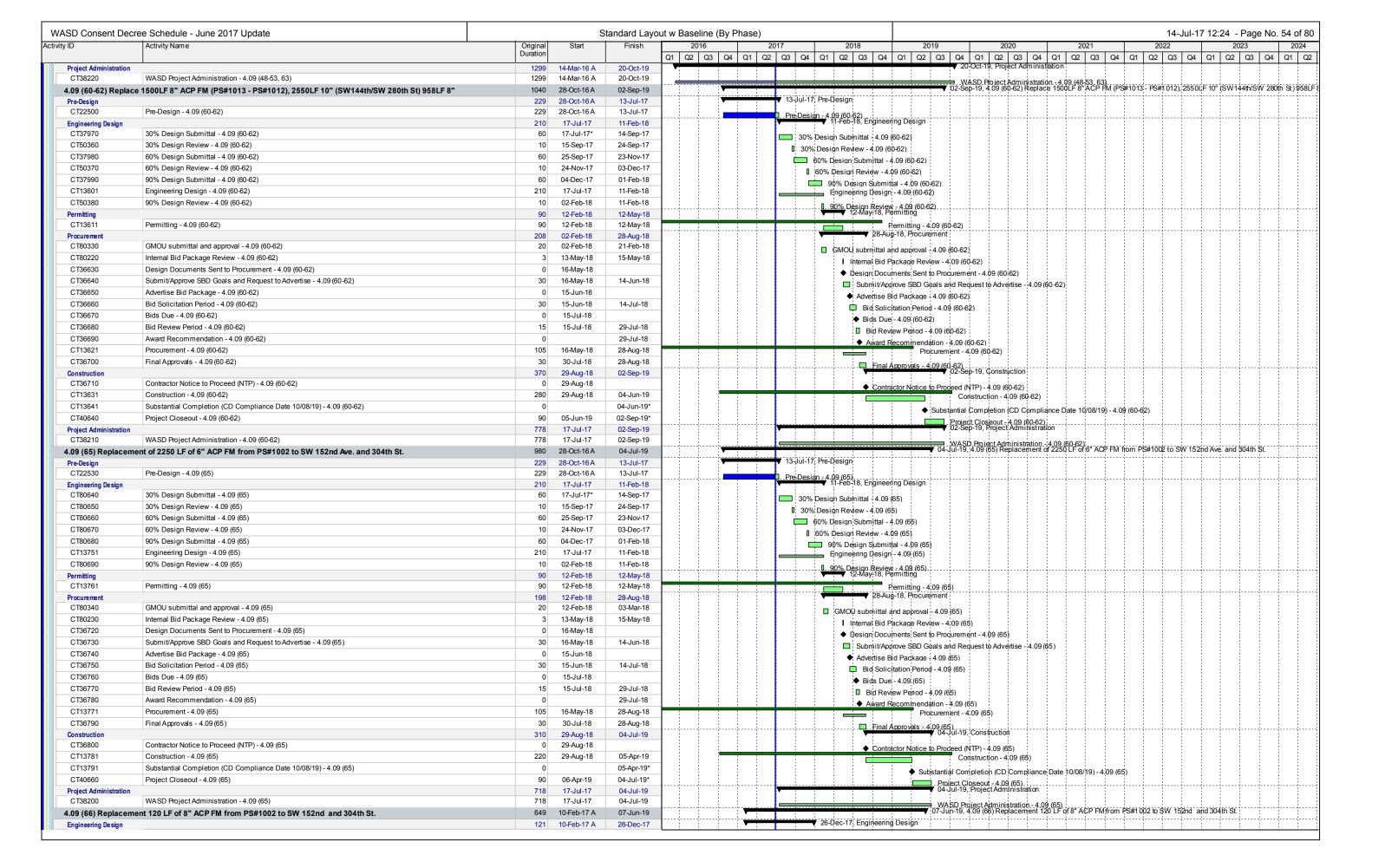
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CT12451 E	Engineering Design - 4.09 (22)	87	01-May-15 A	27-Jul-15 A	ng Design -4.09 (22)				1		<u> </u>			.	!!					1	
Permitting		126	14-Aug-15 A	18-Dec-15 A	18-Dec-15 A, Permitting				<u> </u>												
CT12461 P	Permitting - 4.09 (22)	127	14-Aug-15 A	18-Dec-15 A					Pe	mitting - 4	(22)									1	
Procurement		154	18-Dec-15 A	20-May-16 A	20-May-16 A, Procurer	ment														1	
CT35460	Design Documents Sent to Procurement - 4.09 (22)	0	18-Dec-15 A		Design Documents Sent to Proc	urement.	-4.09 (22)														
CT35470 S	Submit/Approve SBD Goals and Request to Advertise - 4.09 (22)	80	18-Dec-15 A	06-Mar-16 A	Submit/Approve SBD Goals				22)												i
CT35480 A	Advertise Bid Package - 4.09 (22)	0	07-Mar-16 A		◆ Advertise Bid Package - 4.		quest to A	100 (221												
	Bid Solicitation Period - 4.09 (22)	28	07-Mar-16 A	03-Apr-16 A																	
	Bids Due - 4.09 (22)	0	04-Apr-16 A		Bid Solicitation Period - 4	4.09 (22)				:									- !		
	Bid Review Period - 4.09 (22)	7	04-Apr-16 A	10-Apr-16 A	♦ Bids Due + 4.09 (22)					i							i			1	
	. ,	1	04-Apr-10 A	<u>'</u>	Bid Review Period - 4.09	- 1 F		1 1		i						- i i				:	
	Award Recommendation - 4.09 (22)	0	10.0	11-Apr-16 A	♦ Award Recommendation	n - 4 <mark>.</mark> 09 (2.	22)		1 1												
-	Procurement - 4.09 (22)	155	18-Dec-15 A	20-May-16 A						Pro	curement -	- 4 09 (22	2)								
CT35530 F	Final Approvals - 4.09 (22)	39	12-Apr-16 A	20-May-16 A	Final Approvals - 4.09	(22)															
CT50970 P	P.O. Issued - 4.09 (22)	0		20-May-16 A	◆ P.O. Issued - 4.09 (22)	1			1		<u> </u>		l	.]]		İİ				jj	
Construction		271	03-Oct-16 A	30-Jul-17	V V	3	30-Jul-17,	Construction	1												
CT35540	Contractor Notice to Proceed (NTP) - 4.09 (22)	0	03-Oct-16 A		♠ Contractor N	lotice to P	Pinceed (N	TP) - 4.09 (22)													
CT12481 C	Construction - 4.09 (22)	150	03-Oct-16 A	01-Mar-17 A	Contractor	lotioe to i		11) 4.00 (22)			C	onstruct	ion - 4.09 (22)								i
CT12491 S	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (22)	0		01-Mar-17 A				(00 0	بالمناب	- 40'00'46	1	-									
	Project Closeout - 4.09 (22)	121	02-Mar-17 A	30-Jul-17*	_ • • • • • • •		1 1	on (CD Compli		te 10/08/19	9) - 4.09 (22	()						-	- 1	: 1	
Project Administration	10)001 01000001 1100 (22)	792		30-Jul-17		-P	Project Clo 30-Jul-17	seout - 4.09 (22 Project Adminis	2) stration		ļ									: -	
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		1123	03-Jun-15 A	29-Jun-18		y	WASD Pro	ect Administra 29-	ition - 4.0: Jun-18. 4	9 (22) 1.09 (23) R	eplacment	of 1857	LF of 8" ACP FM f	rom PS#10	022 to SW 3	352 nd St &	286LF Alo	na 187 Av	e	·	
	of 1857 LF of 8" ACP FM from PS#1022 to SW 352nd St & 286LF Along 187 Ave.				14-Dec-15 A, Pre-Design															{	
Pre-Design CT22290 P	Pre-Design - 4.09 (23)	194 195	03-Jun-15 A 03-Jun-15 A	14-Dec-15 A 14-Dec-15 A						į											
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Engineering Design	200/ Desire Outreittel 400 (00)	226	14-Dec-15 A	27-Jul-16 A	V Z/ZGG-TG/A, Eliigi	incoming E	besign														
	30% Design Submittal -4.09 (23)	71	17-Dec-15 A	25-Feb-16 A	30% Design Submittal - 4.0	09 (<mark>2</mark> 3)														1	
	60% Design Submittal - 4.09 (23)	30	25-Feb-16 A	25-Mar-16 A	60% Design Submittal					}		- 1									1
	Engineering Design - 4.09 (23)	137	14-Dec-15 A	28-Apr-16 A	Engineering Design - 4	.09 (23)															
	90% Design Submittal -4.09 (23)	34	26-Mar-16 A	28-Apr-16 A	90% Design Submittal	- 4.09 (23	3)														i
CT50310 9	90% Design Review - 4.09 (23)	8	29-Apr-16 A	06-May-16 A	■ 90% Design Review -		1 1														
CT50540 1	100% Design Submittal Permit Ready -4.09 (23)	82	07-May-16 A	27-Jul-16 A				dy -4 09 (23)													
Permitting		92	28-Jul-16 A	28-Oct-16 A	100% Design Su 28-Oct-16 A	A, Permitt	ting	47.12.00.12.07.	1		1			1				1 1		1	
CT50230 P	Public Works Permit - 4.09 (23)	92	28-Jul-16 A	27-Oct-16 A			1		Pu	blic Works	Permit - 4	.09 (23)									i
CT12511 P	Permitting - 4.09 (23)	93	28-Jul-16 A	28-Oct-16 A			+ +	1 1	-	mitting - 4	1 1										
	RER DERM Pemit - 4.09 (23)	93	28-Jul-16 A	28-Oct-16 A		_					Pemit - 4.0	19 (23)							'		
Procurement		255	02-Dec-16 A	13-Aug-17			13-Aug-17	, Procurement		LINI									!		
	GMOU submittal and approval - 4.09 (23)	233	02-Dec-16 A	24-Dec-16 A	1 <u> </u> _ _ _			1				1								: 1	
	Internal Bid Package Review - 4.09 (23)	6	16-Mar-17 A	21-Mar-17 A			i i i	oval - 4.09 (23)	1 1												
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	· /		21-Mar-17 A	40.4 17:				Sent to Procure									i		- [
	Submit/Approve SBD Goals and Request to Advertise - 4.09 (23)	29	21-Mar-17 A	18-Apr-17 A	4 : : : •	Submit/	Approvė S	BD Goals and I	Request	to Advertis	¢ - 4.09 (23	()								: 1	
	Advertise Bid Package - 4.09 (23)	0	19-Apr-17 A					kage - 4.09 (23													
CT35580 B	Bid Solicitation Period - 4.09 (23)	56	19-Apr-17 A	13-Jun-17 A	1 : : : : : :		1 1	n Period - 4.09	1 1												
CT35590 B	Bids Due - 4.09 (23)	0	14-Jun-17 A				s Due - 4.0			i		i							-		
CT35600 B	Bid Review Period - 4.09 (23)	15	14-Jun-17 A	14-Jul-17]		- 1	Period - 4:09 (2	3)	1									- 1		
	Award Recommendation - 4.09 (23)	0		14-Jul-17	1		1 1	1 1 1	- f - 1	!							1		- !		
C135610 A	Procurement - 4.09 (23)	130	21-Mar-17 A	13-Aug-17		▼ Av	ward Reco	mmendation -	4,09 (23)		curement -	_ 4¦na (23	8								
	Final Approvals - 4.09 (23)	30	15-Jul-17	13-Aug-17	1							05 (23	"				i		- [i
CT12521 P		320		-	I		Final Appr	ovals - 4.09 (23 29-	3) Jun-18	Construction	on -										
CT12521 P CT35620 F	ты Афіочаз - 4.05 (23)	320	14-Aug-17 14-Aug-17	29-Jun-18	-		1 1		1 1	:	1 1										
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CT12521 P CT35620 F Construction CT35630 C CT12531 C	Contractor Notice to Proceed (NTP) - 4.09 (23) Construction - 4.09 (23)	0 230	14-Aug-17	31-Mar-18							C	onstruct	ion - 4 09 (23)							: :	;
CT12521 P CT35620 F Construction CT35630 C CT12531 C CT12541 S	Contractor Notice to Proceed (NTP) - 4.09 (23) Construction - 4.09 (23) Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (23)	0 230 0	14-Aug-17	31-Mar-18 31-Mar-18*				◆ Substanti	ial Comp	letion (CD	1 1	1	ion - 4 09 (23) 10/08/19) - 4 09 (2	3)							
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CT12521 P CT35620 F Construction CT35630 C CT12531 C CT12541 S CT40490 P Project Administration	Contractor Notice to Proceed (NTP) - 4.09 (23) Construction - 4.09 (23) Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (23)	0 230 0 90	14-Aug-17 01-Apr-18	31-Mar-18* 29-Jun-18*				- Pro 29-	iect Clos Jun-18, F	eout - 4.09 roject Adn	Compliand (23) in istration	ce Date	10/08/19) - 4:09 (2								
CT12521 P CT35620 F Construction CT35630 C CT12531 C CT12541 S CT40490 P Project Administration CT38330 V	Contractor Notice to Proceed (NTP) - 4.09 (23) Construction - 4.09 (23) Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (23) Project Closeout - 4.09 (23)	0 230 0 90 910	14-Aug-17 01-Apr-18 17-Dec-15 A	31-Mar-18* 29-Jun-18* 29-Jun-18		3	30-Jul-17,	- Pro 29-	iect Clos Jun-18, F	eout - 4.09 roject Adn	Compliand (23) in istration	ce Date	1 1		o NW 177th	i St.					
CT12521 P CT35620 F Construction CT35630 C CT12531 C CT12541 S CT40490 P Project Administration CT38330 V	Contractor Notice to Proceed (NTP) - 4.09 (23) Construction - 4.09 (23) Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (23) Project Closeout - 4.09 (23) WASD Project Administration - 4.09 (23)	0 230 0 90 910 910	14-Aug-17 01-Apr-18 17-Dec-15 A 17-Dec-15 A	31-Mar-18* 29-Jun-18* 29-Jun-18 29-Jun-18	pesign	3	30-Jul-17,	- Pro 29-	iect Clos Jun-18, F	eout - 4.09 roject Adn	Compliand (23) in istration	ce Date	10/08/19) - 4:09 (2		o NW 177th	i St.					

	cree Schedule - June 2017 Update				out w Baseline (By Phase)													ul-17 1		Page N	lo. 50	of 8
ivity ID	Activity Name	Original Duration	Start	Finish		2017		2018		2019)20	202			2022			023		024
Engineering Design		332	23-Mar-15 A	18-Feb-16 A	Q1 Q2 Q3 Q4 Q1 Q2 18-Feb-16 A, Engineering Des		24 Q1 C	12 Q3 Q4	4 Q1	Q2 Q3	3 Q4 0	Q1 Q2	Q3 Q4	Q1 Q2	Q3 Q4 C	Q1 Q2	Q3	Q4 C	11 Q2	Q3 C	4 Q1	Ťc
CT12551	Engineering Design - 4.09 (24)	333	23-Mar-15 A	18-Feb-16 A	Engineering Design - 4.09 (24)																	-
Permitting	3 4 3 4 3	41	19-Feb-16 A	31-Mar-16 A	31-Mar-16 A, Permitting	·							1									+
CT12561	Permitting - 4.09 (24)	42	19-Feb-16 A	31-Mar-16 A					Permitti	ng - 4.09 ((24)											
Procurement		84	07-Apr-16 A	30-Jun-16 A	30-Jun-16 A, Procure	ment																1
CT35640	Design Documents Sent to Procurement - 4.09 (24)	0	07-Apr-16 A		Design Documents Sent to	o Procurem	ent - 4.09 (24)														
CT35650	Submit/Approve SBD Goals and Request to Advertise - 4.09 (24)	8	07-Apr-16 A	14-Apr-16 A	Submit/Approve SBD Goal			1 1)													
CT35660	Advertise Bid Package - 4.09 (24)	0	15-Apr-16 A		◆ Advertise Bid Package - 4																	
CT35670	Bid Solicitation Period - 4.09 (24)	27	15-Apr-16 A	11-May-16 A	■ Bid Solicitation Period -	100																
CT35680	Bids Due - 4.09 (24)	0	12-May-16 A		♦ Bids Due - 4.09 (24)															1		
CT35690	Bid Review Period - 4.09 (24)	2	12-May-16 A	13-May-16 A	I Bid Review Period - 4.09	9 (24)																
CT35700	Award Recommendation - 4.09 (24)	0		13-May-16 A	◆ Award Recommendation)												İ	1	i	
CT12571	Procurement - 4.09 (24)	85	07-Apr-16 A	30-Jun-16 A						Procure	ment - 4 09	9 (24)										
CT35710	Final Approvals - 4.09 (24)	46	16-May-16 A	30-Jun-16 A	Final Approvals - 4.09	9 (24)							<u> </u>							<u> </u>		1
Construction		292	12-Sep-16 A	30-Jul-17		30-J	ul-17, Constr	uction												1		
CT35720	Contractor Notice to Proceed (NTP) - 4.09 (24)	0	12-Sep-16 A		◆ Contractor Notice	ce to Proce	ed (NTP) - 4.0	9 (24)														
CT12581	Construction - 4.09 (24)	46	12-Sep-16 A	27-Oct-16 A	_					- 1	Const	truction - 4	109 (24)									-
CT12591	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (24)	0		27-Oct-16 A	◆ Substantial C	Completion	(CD Compli	ance Date 10/	/08/19) -	4.09 (24)												
CT40500	Project Closeout - 4.09 (24)	246	28-Oct-16 A	30-Jul-17*		- Proje	ct Closeout	- 4.09 (24) Administratio					ļļ							ļļ		ļ.,.
Project Administration		831	23-Mar-15 A	30-Jul-17		30-3	ul-17, Projec	Administratio	on:											1	i	
CT38320	WASD Project Administration -4.09 (24)	831	23-Mar-15 A	30-Jul-17		WAS	D Project Ac	ministration -	4.09 (24	1040	-	EM from N	W173rd Dr/52	2nd Aug to N	NA 17716 CHE	254				ļļ		ļ
. , , .	cement of 1040 LF of 10" AC P FM from NW173rd Dr/52nd Ave. to NW 177th St/52nd Ave.	975		01-Aug-17	Design of the second of the se		ug-17, 4.09 (25-26) Replace		1040;LF (1 VV 1 7 310 D1/52	2110 Ave. 10 11		zna;Ave.				4		4
Pre-Design	D. D. : (400/0700)	180	01-Nov-14 A	30-Apr-15 A	-Design																	
CT22310	Pre-Design - 4.09 (25-26)	181	01-Nov-14 A	30-Apr-15 A	09 (25-26) 15 A Engineering Design								ļ							ii		-
Engineering Design	30% Design Submittal - 4.09 (25-26)	34		25-Aug-15 A																		
CT37390	· · · · · ·		01-May-15 A	03-Jun-15 A	Submittal - 4.09 (25-26)																	
CT37400	60% Design Submittal - 4.09 (25-26)	26		29-Jun-15 A	n Submittal - 4.09 (25-26)																	
CT37410	90% Design Submittal - 4.09 (25-26)	24	30-Jun-15 A	23-Jul-15 A	gn Submittal - 4.09 (25-26)																	
CT12601	Engineering Design - 4.09 (25-26)	118	30-Apr-15 A	25-Aug-15 A	ering Design - 4.09 (25-26) -Nov-15 A, Permitting							 	ļ <u></u>							 		<u></u>
Permitting CT12611	Permitting - 4.09 (25-26)	43		11-Nov-15 A 11-Nov-15 A	Nov-13 A, t entitling						(07.00)											
l-	Fermitting - 4.09 (25-20)	243	29-Sep-15 A 11-Nov-15 A	11-Jul-16 A	11-Jul-16 A, Procure	ment			Pemitti	ng - 4,09 ((25-26)		ļ <u> </u>									
Procurement CT35730	Design Documents Sent to Procurement - 4.09 (25-26)	243	18-Dec-15 A	11-Jul-10 A																		
CT35740	Submit/Approve SBD Goals and Request to Advertise - 4.09 (25-26)	87	18-Dec-15 A	13-Mar-16 A	Design Documents Sent to Procur	1	1 1															
CT35750	Advertise Bid Package - 4.09 (25-26)	0	14-Mar-16 A	13-1017	Submit/Approve SBD Goals		st to Advertis	e - 4.09 (25-26	6)													
CT35760	Bid Solicitation Period - 4.09 (25-26)	52	14-Mar-16 A	04-May-16 A	◆ Advertise Bid Package - 4.09																	
CT35770	Bids Due - 4.09 (25-26)	0	05-May-16 A	04-Way-10 A	Bid Solicitation Period - 4	4.09 (25-26))															
CT35780	Bid Review Period - 4.09 (25-26)	7	05-May-16 A	11-May-16 A	◆ Bids Due - 4.09 (25-26)																	
CT35790	Award Recommendation - 4.09 (25-26)	,	03-Way-10 A	11-May-16 A	■ Bid Review Period - 4.09															1		
CT12621	Procurement - 4.09 (25-26)	244	11-Nov-15 A	11-Jul-16 A	◆ Award Recommendation	n -4.09 (25	-26)	+ +		.	ment - 4:09	0.00										
CT35800	Final Approvals - 4.09 (25-26)	61	12-May-16 A	11-Jul-16 A						Piocure	ment - 4.0	9 (23-20)										
CT50980	P.O. Issued -4.09 (25-26)	0	12-Way-1074	11-Jul-16 A	Final Approvals - 4.0															1		
Construction	F.O. ISSUEU -4.05 (20-20)	269	07-Oct-16 A	01-Aug-17	P.O. Issued - 4.09 (2	25 <mark>-26</mark>) 01-A	ug-17, Const	ruction					 -									÷
CT35810	Contractor Notice to Proceed (NTP) - 4.09 (25-26)	209		01-Aug-17																		
CT12631	Construction - 4.09 (25-26)	179	07-Oct-16 A	03-Apr-17 A	◆ Contractor Not	tide to Proc	eed (NTP) - 4	.09 (25-26)	- 1		Const	truction 4	.09 (25-26)									
CT12641	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (25-26)	0	07 001 1071	03-Apr-17 A	- : : 						1 1	- 1	(23-20)									
CT40510	Project Closeout - 4.09 (25-26)	90	04-Apr-17 A	01-Aug-17*	- Sı		1 1	CD Compliand	1 1	10/08/19) -	4,09 (25-2	6)										
Project Administration	, ,	794	01-May-15 A	01-Aug-17		- Proie 01-A	ect Closeout ug-17, Projec	- 4.09 (25-26) t Administrati	ion				 -									+
CT38310	WASD Project Administration - 4.09 (25-26)	794		01-Aug-17			1 1	1 1	- 1 - 1	26)						į			İ	1	i	į
4.09 (27) Replace 2	263 LF of 4" ACP FM in SW 149th Ter from SW 89th Ave. to PVT PS Property	584	24-Jun-15 A	26-Sep-17		YVA S	26-Sep-17, 4.	09 (27) Replac	ce 263 Li	of 4" ACI	PFM in \$V	V 149th Te	from SW 89th	h Ave. to PV	PS Property							†
Pre-Design		94		25-Sep-15 A	p-15 A, Pre-Design								1				11					+
CT22320	Pre-Design - 4.09 (27)	94	24-Jun-15 A	25-Sep-15 A	esign - 4.09 (27)																	
Engineering Design		334	25-Sep-15 A	03-Jul-17		03-Jul	17, Enginee	ing Design					11			!	111		1			1
CT37790	30% Design Submittal - 4.09 (27)	71	· · · · · · · · · · · · · · · · · · ·	15-Dec-15 A	30% Design Submittal -4.09 (27)														- 1			1
CT37800	60% Design Submittal - 4.09 (27)	37	16-Dec-15 A	21-Jan-16 A	60% Design Submittal - 4.09 (27	7)										-						
CT12651	Engineering Design - 4.09 (27)	141	25-Sep-15 A	12-Feb-16 A	Engineering Design 4.09 (27)					i		į				į		i				-
CT37810	Verification of Existing Conditions and Work to Complete - 4.09(27)	254	22-Jan-16 A	03-Jul-17		Verific	ation of Exist	ing Conditions	s and W	ork to Com	nplete - 4 0	; (ק'2) פו										
Construction		493	29-Oct-15 A	26-Sep-17		2	6-Sep-17, C	ing Conditions onstruction	O_GEISE 33		3000	.0 (2)										1
CT12681	Construction - 4.09 (27)	23	29-Oct-15 A	20-Nov-15 A							Const	truction - 4	09 (27)									1
CT12691	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (27)	0		20-Nov-15 A	ubstantial Completion (CD Compli	iance Date	10/08/19) - 4	.09 (27)								1						
CT40520	Project Closeout - 4.09 (27)	31	15-Aug-17	26-Sep-17*				1 1					l]	1		į
Project Administration	1	422	06-Oct-15 A	26-Sep-17		7	26-Sep-17, Pi	out - 4.09 (27) oject Adminis	tration	[1											1
CT38300	WASD Project Administration - 4.09 (27)	422	06-Oct-15 A	26-Sep-17			NASD Projec	t Administration	on - 4.09	(27)	<u>.i.</u> l.		ļ.,	ii.	۔۔ل۔۔۔ے والو بہور		للبيلي		۔۔۔۔ازرے	ـــا ـــــــــــــــــــــــــــــــــ		1
4.09 (28) Replacen	ment of 8" AC P FM from PS0786 to MH 5, 8" FM from PS#0784 to SW102 Ave/SW 20 St.	650	30-Jun-17	26-Dec-19								26-Dec-19	4.09 (28) Rep	placement of	8" ACP FM fn	om PS0	786 to MF	15, 8" F	M from P	s#0784 to	SW102	Ave
Pre-Design		30	30-Jun-17	10-Aug-17		10-/	ug-17, Pre-D	esign											1			
CT22330	Pre-Design - 4.09 (28)	30	30-Jun-17*	10-Aug-17		Pre-	Design - 4.09) (28) 17, Engineerin												1		1
Engineering Design		90	11-Aug-17	14-Dec-17			1 1	1 1	1 1	n								i				-
CT12701	Engineering Design - 4.09 (28)	90	11-Aug-17	14-Dec-17			Enginee	ring Design -	4.09 (28)											ļ <u>l</u>		1
Permitting		90	15-Dec-17	19-Apr-18		1 1	V:	19-Apr-18, Pe	mitting		1 1	1	1 1 1	1 1	1 1	1	- 1 i	1		1 1	1	1

	cree Schedule - June 2017 Update				out w Baseline (By Phase) 14-Jul-17 12:24 - Page No. 51 of 80
tivity ID	Activity Name	Original Duration	Start	Finish	2016 2017 2018 2019 2020 2021 2022 2023 204 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 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2
CT12711	Permitting - 4.09 (28)	90	15-Dec-17	19-Apr-18	Permitting - 4(09 (28)
Procurement		150	20-Apr-18	15-Nov-18	▼ ₹5-Nov-18, Procurement
CT12721	Procurement - 4.09 (28)	150	20-Apr-18	15-Nov-18	Procurement - 4:09 (28)
Construction		290	16-Nov-18	26-Dec-19	▼ 26-Dec-19; Construction
CT12731	Construction - 4.09 (28)	200	16-Nov-18	22-Aug-19	Construction - 4;09 (28)
CT12741	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (28)	0		22-Aug-19*	◆ Şubstantial Completion (CD Compliance Date 10/08/19)-4.09 (28)
CT40530	Project Closeout - 4.09 (28)	90	23-Aug-19	26-Dec-19*	Project Closeout: 4.09;(28). Z6-Dec-19; Project Administration
Project Administration CT38290	WASD Project Administration - 4.09 (28)	650 650	30-Jun-17 30-Jun-17	26-Dec-19 26-Dec-19	_
	ce 6" & 12" ACP/PVC FM s from 107th Ave and SW 76 St. and 10" FM from PS#0812	1659	01-Apr-14 A	15-Oct-18	WASD Project Administration - 4.09 (29.) 15-Oct-18, 4.09 (29.31) Replace 6" & 12" ACP/PVC FMs from 10 7th Aveland SW 76 St. and 10" FM from PS#0812
Pre-Design	Ce 6 & 12 ACF/FVCFWS HOIII 10/tillAve and SW 76 St. and 10 FW Hoili F3#0012	181	01-Apr-14 A	29-Sep-14 A	<u></u>
CT22580	Pre-Design - 4.09 (29-31)	182	01-Apr-14 A	29-Sep-14 A	
Engineering De sign		415	30-Sep-14 A	19-Nov-15 A	9-Nov-15 A, Engineering Design
CT12751	Engineering Design - 4.09 (29-31)	416	30-Sep-14 A	19-Nov-15 A	ngineering Desigri - 4.09 (29-31)
Permitting		425	07-Apr-16 A	09-May-17 A	▼ Op-May-17 A, Permitting
CT50490	Miami Dade Public Works Permit - 4.09 (29-31)	131	07-Apr-16 A	15-Aug-16 A	Miami Dade Public Works Permit - 4.09 (29-\$1)
CT12761	Permitting - 4.09 (29-31)	425	07-Apr-16 A	09-May-17 A	Fermitting - 4/09 (29-31)
CT50480	RER DERM/FDEP Permit - 4.09 (29-31)	389	13-May-16 A	09-May-17 A	RER DERM/FDEP Permit - 4.09 (29-31)
Procurement	CMOLL submitted and approval. 4.00 (20.24)	184	01-Mar-17 A	31-Aug-17	▼ 31-Aug-17, Procurement
CT80280 CT35910	GMOU submittal and approval - 4.09 (29-31) Design Documents Sent to Procurement - 4.09 (29-31)	21	01-Mar-17 A 03-May-17 A	21-Mar-17 A	☐ GMOU submittal and approval - 4.09 (29-3/1)
CT35910 CT35920	Submit/Approve SBD Goals and Request to Advertise - 4.09 (29-31)	22	03-May-17 A	24-May-17 A	Design Documents Sent to Procurement - 4.09 (29-31)
CT35930	Advertise Bid Package - 4.09 (29-31)	0	25-May-17 A	24-May-17 A	■ Submit/Approve SBD Goals and Requiest to Advertise - 4,09 (29-31)
CT80180	Internal Bid Package Review - 4.09 (29-31)	41	21-Apr-17 A	30-Jun-17	◆ Advertise Bid Package - 4.09 (29-31)
CT35940	Bid Solicitation Period - 4.09 (29-31)	11	25-May-17 A	17-Jul-17	Internal Bitd Package Review; - 4.09 (29-31)
CT35950	Bids Due - 4.09 (29-31)	11	18-Jul-17	17-501-17	Bid Solicitation Period - 4.09 (29-3/1)
CT35960	Bid Review Period - 4.09 (29-31)	15	18-Jul-17	01-Aug-17	→ Bids Due - 4.09 (29-31)
CT35900 CT35970	Award Recommendation - 4.09 (29-31)	15	16-541-17	01-Aug-17 01-Aug-17	Bit Review Period - 4.09 (29-31)
CT12771	Procurement - 4.09 (29-31)	78	03-May-17 A	31-Aug-17	◆ Award Recommendation - 4.09 (29-31) Procurement - 4:09 (29-31)
CT35980	Final Approvals - 4.09 (29-31)	30	02-Aug-17	31-Aug-17	Procurement - 4.09 (29-31)
Construction	1.00 (20 01)	410	01-Sep-17	15-Oct-18	Final Approvals - 4,09 (29-31) 15-Oct-18, Construction
CT35990	Contractor Notice to Proceed (NTP) - 4.09 (29-31)	0	01-Sep-17	10 001 10	
CT12781	Construction - 4.09 (29-31)	320	01-Sep-17	17-Jul-18	Contractor Notice to Proceed (NTP) - 4.09 (29-31) Construction - 4.09 (29-31)
CT12791	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (29-31)	0		17-Jul-18*	♦ Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (29-31)
CT40540	Project Closeout - 4.09 (29-31)	90	18-Jul-18	15-Oct-18*	
Project Administration		1434	30-Sep-14 A	15-Oct-18	Prdject Closeout - 4.09 (29-31) 15-Oct-18, Project Administration
CT38280	WASD Project Administration - 4.09 (29-31)	1434	30-Sep-14 A	15-Oct-18	WASD Ploject Administration - 4.09 (29-31) ▼ 11-Jan-18, 4.09 (32) Replacement of 684 LF of 12" ACP FM;in SW, 107th Ave. from 104th St. to Kandale Blvd
4.09 (32) Replacem	ment of 684 LF of 12" ACP FM in SW 107th Ave. from 104th St . to Kandale Blvd	1143	26-Nov-14 A	11-Jan-18	
Pre-Design		155	26-Nov-14 A	30-Apr-15 A	-Design
CT22340	Pre-Design - 4.09 (32)	156	26-Nov-14 A	30-Apr-15 A	pg (32)
Engineering Design	200/ Design Culturittel 4 00 (22)	103 55	01-May-15 A	12-Aug-15 A	5 A Engineering Design
CT37420 CT37430	30% Design Submittal - 4.09 (32) 60% Design Submittal - 4.09 (32)	27	01-May-15 A 25-Jun-15 A	24-Jun-15 A 21-Jul-15 A	1 Submittal F4.09 (32)
CT37440	90% Design Submittal - 4.09 (32)	22	22-Jul-15 A	12-Aug-15 A	_gn Sýbmittál - 4.09 (32)
CT12801	Engineering Design - 4.09 (32)	103	01-May-15 A	12-Aug-15 A	
Permitting	Engineering Design - 4.00 (02)	84	28-Sep-15 A	21-Dec-15 A	ring Design'- 4.09\(32\) 21-Dec-15 A, Permitting
CT12811	Permitting - 4.09 (32)	85	28-Sep-15 A	21-Dec-15 A	Permitting - 4:09 (32)
Procurement		244	22-Dec-15 A	22-Aug-16 A	₹ 22-Aug-16 A Procurement
CT36000	Design Documents Sent to Procurement - 4.09 (32)	0	22-Dec-15 A		Design Documents Sent to Procurement -4.09 (32)
CT36010	Submit/Approve SBD Goals and Request to Advertise - 4.09 (32)	84	22-Dec-15 A	14-Mar-16 A	Submit/Approve SBD Goals and Request to Advertise -4.09 (32)
CT36020	Advertise Bid Package - 4.09 (32)	0	15-Mar-16 A		◆ Advertise Bid Package -4.09 (32)
CT36030	Bid Solicitation Period - 4.09 (32)	30	15-Mar-16 A	13-Apr-16 A	Bid Solicitation Period - 4.09 (32)
CT36040	Bids Due - 4.09 (32)	0	14-Apr-16 A		▶ Bids Duel-4.09(32)
CT36050	Bid Review Period - 4.09 (32)	15	14-Apr-16 A	28-Apr-16 A	■ Bid Review Pejiod - 4.09 (32)
CT36060	Award Recommendation - 4.09 (32)	0		28-Apr-16 A	◆ Award Recommendation - 4.09 (32)
CT12821	Procurement - 4.09 (32)	245	22-Dec-15 A	22-Aug-16 A	Procurement - 4:09 (32)
CT36070	Final Approvals - 4.09 (32)	117	28-Apr-16 A	22-Aug-16 A	Final Approvals - 4,09 (32)
CT51020	P.O. Issued - 4.09 (32)	0		22-Aug-16 A	◆ P.O. Issued -4 09 (32)
Construction	Contractive Nation to Descript (NTD) 4.00 (20)	332	14-Feb-17 A	11-Jan-18	▼ 11-Jan-18, Construction
CT36080	Contractor Notice to Proceed (NTP) - 4.09 (32)	0	14-Feb-17 A	40.0 : :=	◆ Contractor Notice to Proceed (NTP) - 4:09 (32)
CT12831	Construction - 4.09 (32)	242	14-Feb-17 A	13-Oct-17	Construction - 4:09 (32)
CT12841	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (32)	0	440 : :=	13-Oct-17*	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (32)
CT40550	Project Closeout - 4.09 (32)	90	14-Oct-17	11-Jan-18*	Project Closeout - 4.09 (32) 11-Jan-18, Project Administration
Project Administration CT38270	WASD Project Administration - 4.09 (32)	987 987	01-May-15 A 01-May-15 A	11-Jan-18 11-Jan-18	
	· '	527	12-Feb-16 A	22-Jul-17	WA'SD. Project Administration - 4.09 (32). ▼ 22-Jul-17, 4.09 (33) Replace 1701 LF 4"ACP from PVT PS at SW104th Ave. & 169th St. to MH4Z at SW103rd Ave.
4.09 (33) Replace 1 Engineering Design	1701 LF 4" ACP from PVT PS at SW104th Ave. & 169th St. to MH42 at SW103rd Ave.	73		22-Jul-17 25-Apr-16 A	▼ 25-Apr-16 A, Engineering Design
	Engineering Design - 4.09 (33)	73	12-Feb-16 A 12-Feb-16 A	25-Apr-16 A 25-Apr-16 A	Erlgineering Design -4.09 (33)
CT12851					

	ecree Schedule - June 2017 Update	04-4-1			ut w Baseline (By Phase)	0040	0040	2000		Jui-17 12.	:24 - Page	
ity ID	Activity Name	Original Duration	Start	Finish	2016 2017	2018	2019	2020 2021 Q1 Q2 Q3 Q4 Q1 Q2 Q3	2022	04 01	2023	1 04 0
CT50300	Miami Dade Public Works Permit - 4.09 (33)	29	28-Apr-16 A	26-May-16 A			liami Dade Public Worl		Q4 Q1 Q2 Q3	Q4 Q1	Q2 Q3	Q4 Q
CT12861	Permitting - 4.09 (33)	54	28-Apr-16 A	20-Jun-16 A			emitting - 4,09 (33)	KS Pellint - 4.09 (55)				
CT50290	RER (DERM) / FDEP Permit - 4.09 (33)	42	10-May-16 A	20-Jun-16 A			ER (DERM) / FDEP Per	it 400 (22)				
Construction	TERRIBERRIA TOME 4.00 (00)	326	01-Aug-16 A	22-Jul-17	2	2-Jul-17, Construction	EK (DEKIVI)/ FDEF Fei	11111 - 4.09 (33)	<u> </u>	ļ	įį	
CT12881	Construction (WASD In House) - 4.09 (33)	12	01-Aug-16 A	12-Aug-16 A	_			onstruction (WASD In House) - 4:09 (33)				
CT12891	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (33)	0	017109 1071	12-Aug-16 A	•		1 1 1	onstruction (WASD III Flourse) - 4.09 (33)				
CT40560	Project Closeout - 4.09 (33)	314	13-Aug-16 A	22-Jul-17		(CD Compliance Date 10/08/19)	4.09 (33)					
Project Administration		23	30-Jun-17	22-Jul-17		roject Closeout - 4.09 (33) 2-Jul-17, Project Administration			; 	į	į	ļ
CT38260	WASD Project Administration - 4.09 (33)	23	30-Jun-17	22-Jul-17								
	ace ACP DM with 8" & 12" DI FM from SW108 PI/SW177 St to SW95 Ave/SW163 St.	1318	21-Oct-15 A	30-May-19		VASD_Project Administration - 4.0	9 (33) 30-May-19,	4.09 (34-43) Replace ACP DM with 8" & 12" [DIFM from SW 108 PI/SW	V 177 St to S	W 95 Ave/SV	V163 St.
Pre-Design	ACCACION WILLIAM A 12 BIT MITTON ON TOO THOU THE ON TOO CE.	338	21-Oct-15 A	23-Sep-16 A	23-Sep-16 A, Pre Desi	gn			·ii	ļ	11	†
CT22370	Pre-Design - 4.09 (34-43)	339	21-Oct-15 A	23-Sep-16 A	B- B- 1 4 0 (04	1.						
Engineering Design		312	23-Sep-16 A	31-Jul-17	Pre-Design - 4.09 (34-	43) 1-Jul-17, Engineering Design			:iii	1	11	1
CT37880	30% Design Submittal - 4.09 (34-43)	90	23-Sep-16 A	21-Dec-16 A								
CT50430	30% Design Review - 4.09 (34-43)	37	22-Dec-16 A	27-Jan-17 A		bmittal - 4.09 (34-43)						
CT37890	60% Design Submittal - 4.09 (34-43)	39	28-Jan-17 A	07-Mar-17 A	1 1 1 1 1 1 1 1 1	Review - 4.09 (34-43)						
CT50440	60% Design Review - 4.09 (34-43)	48	08-Mar-17 A	24-Apr-17 A		ın Submittal - 4.09 (34-43)						
CT37900	90% Design Submittal - 4.09 (34-43)	42	25-Apr-17 A	02-Jun-17 A		esian Review - 4.09 (34-43)						
CT50320	90% Design Review - 4.09 (34-43)	10	05-Jun-17 A	17-Jul-17		Design Submittal - 4.09 (34-43)						
CT12951	, ,	280				0% Design Review - 4.09 (34-43)						
	Engineering Design - 4.09 (34-43)		23-Sep-16 A	31-Jul-17	1 : : : : :	Engineering Design - 4.09 (34-43)						
CT80510	100% Design/Permit Ready Submittal -4.09 (34-43)	14	18-Jul-17	31-Jul-17	ļļ.	100% Design/Permit Ready Subn	nittal -4.09 (34-43)		{ 	ļ	ļ	44
Permitting	D: (Hirary 4.00 (04.40)	90	01-Aug-17	29-Oct-17		 :	i i i					
CT12961	Permitting - 4.09 (34-43)	90	01-Aug-17	29-Oct-17		₽	emitting - 4,09 (34-43)					
CT50550	RER (DERM) Permit- 4.09 (34-43)	90	01-Aug-17	29-Oct-17		RER (DERM) Permit 4.09 (34-43)					
CT50560	Public Works-Permit - 4.09 (34-43)	90	01-Aug-17	29-Oct-17		Public Works-Permit - 4.09 16-Mar-18, Procur	(34-43)		ii	ļ		
Procurement		242	18-Jul-17	16-Mar-18		16-Mar-18, Procure	ement					
CT80300	GMOU submittal and approval - 4.09 (34-43)	20	18-Jul-17	06-Aug-17		GMOU submittal and approval - 4	.09 (34-43)					
CT80190	Internal Bid Package Review - 4.09 (34-43)	3	30-Oct-17	01-Nov-17		I Internal Bid Package Revie	w - 4.09 (34+43)					
CT36180	Design Documents Sent to Procurement - 4.09 (34-43)	0	02-Nov-17			◆ Design Documents Sent to	Procurement - 4.09 (34	1-43)				
CT36190	Submit/Approve SBD Goals and Request to Advertise - 4.09 (34-43)	30	02-Nov-17	01-Dec-17		☐ Submit/Approve SBD Go	1 1 1					
CT36200	Advertise Bid Package - 4.09 (34-43)	0	02-Dec-17			◆ Advertise Bid Package -	1 1 1					
CT36210	Bid Solicitation Period - 4.09 (34-43)	45	02-Dec-17	15-Jan-18		■ Bid Solicitation Period	11 11 1					
CT36220	Bids Due - 4.09 (34-43)	0	16-Jan-18			♦ Bids Due - 4.09 (34-43	1 1 1					
CT36230	Bid Review Period - 4.09 (34-43)	30	16-Jan-18	14-Feb-18		■ Bid Review Period -						
CT36240	Award Recommendation - 4.09 (34-43)	0		14-Feb-18			1 1 1					
CT12971	Procurement - 4.09 (34-43)	135	02-Nov-17	16-Mar-18		◆ Award Recommend	Procurement -	4 09 (34-43)				
CT36250	Final Approvals - 4.09 (34-43)	30	15-Feb-18	16-Mar-18								
Construction	THE STATE OF THE S	440	17-Mar-18	30-May-19		Final Approvals	30-May-19,	Construction	11		11	1
CT36260	Contractor Notice to Proceed (NTP) - 4.09 (34-43)	0	17-Mar-18	oo may to		i i i i i	i i i					
CT12981	Construction - 4.09 (34-43)	350	17-Mar-18	01-Mar-19		Contractor Notice:	to Proceed (NTP) - 4.09	9 (34-43) onstruction - 4:09 (34-43)	. ! ! ! !			
CT12991	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (34-43)	0		01-Mar-19*			 : : :					
CT40570	Project Closeout - 4.09 (34-43)	90	02-Mar-19	30-May-19*				pletion (CD Compliance Date 10/08/19) - 4.09	(34-43)			
Project Administration		948	23-Sep-16 A	30-May-19			Project Clo 30-May-19.	seout - 4.09 (34.43) Project Administration	·	ļ		
CT38250	WASD Project Administration - 4.09 (34-43)	948	23-Sep-16 A	30-May-19			1 1 1					
	ment of 157 LF of 6" ACP FM from SW107th Ct/155th St to SW 107th Ave./155th St.	1258	03-Jun-15 A	11-Nov-18			WASD Proj 1-Nov-18, 4.09 (46) Rep	ject Administration - 4.09 (34-43) lacement of 157 LF of 6" ACP FM from SW10	7th Ct/155th St to SW 10	7th Ave./155	oth St.	
Pre-Design	ment of for Er of a Aor 1 in from our forth our found to our forth Act footh of.	478	03-Jun-15 A	23-Sep-16 A	23-Sep-16 A, Pre-Desi	an			, 		į	
CT22400	Pre-Design - 4.09 (46)	479	03-Jun-15 A	23-Sep-16 A		7 1 1 1 1 1						
Engineering Design	· ····g·· ···· (·-·)	312		31-Jul-17	. Pre-Design - 4.09 (46)	31-Jul-17, Engineering Design					 	+
CT37910	30% Design Submittal - 4.9 (46)	90	23-Sep-16 A 23-Sep-16 A	21-Dec-16 A	1 1 1 1 1 1 1							
CT50450	30% Design Review - 4.09 (46)	37	22-Dec-16 A	27-Jan-17 A	30% Design Su							
CT37920	60% Design Submittal - 4.09 (46)	39	28-Jan-17 A	07-Mar-17 A		Review - 4.09 (46)						
CT50460	60% Design Review - 4.09 (46)	48	08-Mar-17 A	24-Apr-17 A		ın Submittal - 4.09 (46)						
CT37930	90% Design Submittal - 4.09 (46)	42	25-Apr-17 A	· ·		esign Review - 4.09 (46)						
	, ,		· · · · · · · · · · · · · · · · · · ·	05-Jun-17 A		Design Submittal - 4.09 (46)						
CT50470	90% Design Review - 4.09 (46)	10	06-Jun-17 A	17-Jul-17		0% Design Review - 4.09 (46)						
CT13101	Engineering Design - 4.09 (46)	280	23-Sep-16 A	31-Jul-17		Engineering Design - 4.09 (46)						
CT80520	100% Design/Permit Ready Submittal - 4.09 (46)	14	18-Jul-17	31-Jul-17	ļļ.	100% Design/Permit Ready Subn 29-Oct-17, Permitting	nittal_4.09.(46)		,ii	ļ	įį	
Permitting	D 'W' 400 (40)	90	01-Aug-17	29-Oct-17		<u> </u>	1 1 1				1 1	
CT13111	Permitting - 4.09 (46)	90	01-Aug-17	29-Oct-17		- 	emitting - 4,09 (46)					
CT50570	RER (DERM) Permit - 4.09 (46)	90	01-Aug-17	29-Oct-17			ER (DERM) Permit - 4.0					
CT50580	Public Works Permit -4.09 (46)	90	01-Aug-17	29-Oct-17		44 Feb 48 Droggram	ublic Works Permit - 4.	09 (46)		ļļ'		44
Procurement		212	18-Jul-17	14-Feb-18		14-Feb-18, Procuren	nent					
CT80310	GMOU submittal and approval - 4.09 (46)	20	18-Jul-17	06-Aug-17		GMOU submittal and approval - 4	.09 (46)			'		1
CT80200	Internal Bid Package Review - 4.09 (46)	3	30-Oct-17	01-Nov-17		I Internal Bid Package Revie	1 1 1					
CT36270	Design Documents Sent to Procurement - 4.09 (46)	0	02-Nov-17			◆ Design Documents Sent to	1 1 1	3)				
CT36280	Submit/Approve SBD Goals and Request to Advertise - 4.09 (46)	30	02-Nov-17	01-Dec-17		☐ Submit/Approve SBD Gos	1 1 1					
CT36290	Advertise Bid Package - 4.09 (46)	0	02-Dec-17			◆ Advertise Bid Package -	i i i			! ! '		
CT36300	Bid Solicitation Period - 4.09 (46)	30	02-Dec-17	31-Dec-17	1	■ Bid Solicitation Period	!!!!					
	Bids Due - 4.09 (46)		01-Jan-18		1 : 1 : 1 : 1	in policitation renod	4.09 (40)			i i '	1 1	- i

	cree Schedule - June 2017 Update				out w Baseline (By Phase) 14-Jul-17 12:24 - Page No. 53
y ID	Activity Name	Original Duration	Start	Finish	2016 2017 2018 2019 2020 2021 2022 2023
CT36320	Bid Review Period - 4.09 (46)	15	01-Jan-18	15-Jan-18	Q1 Q2 Q3 Q4 Q1 Q2 Q3 <
CT36330	Award Recommendation - 4.09 (46)	0	01-5411-10	15-Jan-18	□ 10 Bid Review Period - 4,09 (46)
CT13121	Procurement - 4.09 (46)	105	02-Nov-17	14-Feb-18	◆ Award Recommendation - 4,09 (46) Procurement - 4,09 (46)
CT36340	Final Approvals - 4.09 (46)	30	16-Jan-18	14-Feb-18	-
Construction	Final Αφιονας - 4.09 (40)	270	15-Feb-18	11-Nov-18	Final Approvals - 4.09 (46).
CT36350	Contractor Notice to Proceed (NTP) - 4.09 (46)	0	15-Feb-18	11-1100-16	_
CT13131	Construction - 4.09 (46)	180	15-Feb-18	13-Aug-18	◆ Contractor Notice to Proceed (NTP) - 4:09 (46)
			15-reb-16		Construction - 4 09 (46)
CT13191	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (46)	0	1111	13-Aug-18*	◆ Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (46)
CT40590	Project Closeout - 4.09 (46)	90	14-Aug-18	11-Nov-18*	Project Closeout - 4/09 (46) 11-Nov-18, Project Administration
Project Administration		748	23-Sep-16 A	11-Nov-18	▼ 11-Nov-18, Project Administration
CT38240	WASD Project Administration - 4.09 (46)	748	23-Sep-16 A	11-Nov-18	WASD Project Administration - 4.09 (46). ▼ 30-Jul-17, 4.09 (47) Replacement of 1023 LF of 8" ACP FM from PS#0869 to SW 122nd Ave./88th St.
· / ·	nent of 1023 LF of 8" ACP FM from PS#0869 to SW 122nd Ave./88th St.	870	12-Feb-15 A	30-Jul-17	
Pre-Design		77	12-Feb-15 A	30-Apr-15 A	b-Design
CT22410	Pre-Design - 4.09 (47)	78	12-Feb-15 A	30-Apr-15 A	Dg. (47) p-15 A, Engineering Design
Engineering Design		137	01-May-15 A	15-Sep-15 A	p-15 A, Engineering Design
CT37450	30% Design Submittal - 4.09 (47)	54	01-May-15 A	23-Jun-15 A	Submittal - 4.09 (47)
CT37460	60% Design Submittal - 4.09 (47)	37	24-Jun-15 A	30-Jul-15 A	ign Submittal - 4.09 (47)
CT13151	Engineering Design - 4.09 (47)	138	01-May-15 A	15-Sep-15 A	eering Design - 4.09 (47)
CT37470	90% Design Submittal - 4.09 (47)	44	03-Aug-15 A	15-Sep-15 A	hesigh Submittal -4 09 (47)
Permitting		83	29-Sep-15 A	21-Dec-15 A	Design Submittal -/4.09 (47) 21-Dec-15 A, Permitting
CT13161	Permitting - 4.09 (47)	84	29-Sep-15 A	21-Dec-15 A	Permitting - 4:09 (47)
Procurement		157	22-Dec-15 A	27-May-16 A	▼ 27-May-16 A, Procurement
CT36360	Design Documents Sent to Procurement - 4.09 (47)	0	22-Dec-15 A		Design Documents Sent to Procurement -4.09 (47)
CT36370	Submit/Approve SBD Goals and Request to Advertise - 4.09 (47)	84	22-Dec-15 A	14-Mar-16 A	Submit/Approve SBD Goals and Request to Advertise -4.09 (47)
CT36380	Advertise Bid Package - 4.09 (47)	0	15-Mar-16 A		
CT36390	Bid Solicitation Period - 4.09 (47)	30	15-Mar-16 A	13-Apr-16 A	→ Advertise Bid Package - 4.09 (47)
CT36400	Bids Due - 4.09 (47)	0	14-Apr-16 A	1071011071	Bid Solicitation Period - 4.09 (47)
	, ,			20 Apr 16 A	♦ Bids Due; 4.09(47)
CT36410	Bid Review Period - 4.09 (47)	15	14-Apr-16 A	28-Apr-16 A	■ Bid Review Peirod - 4.09 (4/7)
CT36420	Award Recommendation - 4.09 (47)	0		28-Apr-16 A	◆ Award Recommendation - 4.09 (47)
CT13171	Procurement - 4.09 (47)	158	22-Dec-15 A	27-May-16 A	Procurement - 4(09 (47)
CT36430	Final Approvals - 4.09 (47)	29	29-Apr-16 A	27-May-16 A	□ Final Approvals - 4:09 (47)
Construction		278	26-Sep-16 A	30-Jul-17	30-Jul-17, Construction
CT36440	Contractor Notice to Proceed (NTP) - 4.09 (47)	0	26-Sep-16 A		
CT13141	Construction - 4.09 (47)	129	26-Sep-16 A	01-Feb-17 A	Construction - 4:09 (47)
CT13181	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (47)	0		01-Feb-17 A	♦ Substantial Completion (CD Compliance Date 10/08/19) -4.09 (47)
CT40600	Project Closeout - 4.09 (47)	149	02-Feb-17 A	30-Jul-17*	
Project Administration		792	01-May-15 A	30-Jul-17	Project Closedut - 4.09 (47) 30-Jul-17, Project Administration
CT38230	WASD Project Administration - 4.09 (47)	792	01-May-15 A	30-Jul-17	T
4 09 (48-53 63) Re	eplace 8" & 10" ACP FM with 16", 12" & 8" DIP - SW142 Ave/SW288St to SW123Ct/258St	1594	10-Jun-15 A	20-Oct-19	WASD Project Administration - 4.09 (47). ✓ 20-Oct-19, 4.09 (48-53, 63) Replace 8" & 10" ACP FM with 16", 12" & 8" DIP - SW142 Ave/SW288St to SV
Pre-Design	place of a few place in that for the area of the area	195	10-Jun-15 A	22-Dec-15 A	22-Dec-15 A. Pre-Design
CT22450	Pre-Design - 4.09 (48-53, 63)	196	10-Jun-15 A	22-Dec-15 A	
Engineering Design	1.1. = 1.1.g. 1.1.	557	22-Dec-15 A	17-Jul-17	Pre-Design - 4.09 (48-53, 63)
CT37940	30% Design Submittal - 4.09 (48-53, 63)	31	14-Mar-16 A	13-Apr-16 A	
CT50330	30% Design Review - 4.09 (48-53, 63)	7	14-Apr-16 A	-	30% Desian Submittal -4.09 (48-53, 63)
		•	•	20-Apr-16 A	■ 30% Design Review 4.09 (48-53,63)
CT37950	60% Design Submittal - 4.09 (48-53, 63)	44	21-Apr-16 A	03-Jun-16 A	■ 60% Design Submittal - 4.09 (48-53, 63)
CT50340	60% Design Review - 4.09 (48-53, 63)	6	04-Jun-16 A	09-Jun-16 A	1 60% Design Revièw - 4 09 (48-53, 63)
CT37960	90% Design Submittal - 4.09 (48-53, 63)	246	10-Jun-16 A	10-Feb-17 A	90% Design \$ubmittal - 4;09 (48-53, 63)
CT13351	Engineering Design - 4.09 (48-53, 63)	557	22-Dec-15 A	17-Jul-17	Engineering Design -4.09 (48-53, 63)
CT50350	90% Design Review - 4.09 (48-53, 63)	140	11-Feb-17 A	17-Jul-17	90% Design Review 4 00 (48-53-63)
Permitting		152	18-Jul-17	16-Dec-17	1. 90% Design Review -4.09 (48-53, 63) 16-Dec-17, Permitting
CT13361	Permitting - 4.09 (48-53, 63)	152	18-Jul-17	16-Dec-17	Permitting - 4:09 (48-53, 63)
		335	18-Jul-17	17-Jun-18	17-Jun-18, Procurement
		20	18-Jul-17	06-Aug-17	T
Procurement CT80320	GMOU submittal and approval - 4.09 (48-53, 63)	20			☐ GMOU şubmiţtal and approval - 4.09 (48-53, 63) I. Internal Bid Package Review + 4.09 (48-53, 63)
Procurement CT80320	, , ,	3	17-Dec-17	19-Dec-17	
Procurement CT80320 CT80210	Internal Bid Package Review - 4.09 (48-53, 63)			19-Dec-17	
Procurement CT80320 CT80210 CT36450	Internal Bid Package Review - 4.09 (48-53, 63) Design Documents Sent to Procurement - 4.09 (48-53, 63)	3	20-Dec-17		◆ Design Documents Sent to Procurement -4.09 (48-53, 63)
Procurement CT80320 CT80210 CT36450 CT36460	Internal Bid Package Review - 4.09 (48-53, 63) Design Documents Sent to Procurement - 4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63)	3 0 60	20-Dec-17 20-Dec-17	19-Dec-17 17-Feb-18	→ Design Documents Sent to Procurement -4.09 (48-53, 63) □ Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63)
Procurement CT80320 CT80210 CT36450 CT36460 CT36470	Internal Bid Package Review - 4.09 (48-53, 63) Design Documents Sent to Procurement - 4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) Advertise Bid Package - 4.09 (48-53, 63)	3 0 60	20-Dec-17 20-Dec-17 18-Feb-18	17-Feb-18	Design Documents Sent to Procurement - 4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) ♦ Advertise Bid Package - 4.09 (48-53, 63)
Procurement CT80320 CT80210 CT36450 CT36460 CT36470 CT36480	Internal Bid Package Review - 4.09 (48-53, 63) Design Documents Sent to Procurement - 4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period - 4.09 (48-53, 63)	3 0 60 0 30	20-Dec-17 20-Dec-17 18-Feb-18 18-Feb-18		→ Design Documents Sent to Procurement -4.09 (48-53, 63) □ Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63)
Procurement CT80320 CT80210 CT36450 CT36460 CT36470 CT36480 CT36490	Internal Bid Package Review - 4.09 (48-53, 63) Design Documents Sent to Procurement - 4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period - 4.09 (48-53, 63) Bids Due - 4.09 (48-53, 63)	3 0 60 0 30	20-Dec-17 20-Dec-17 18-Feb-18 18-Feb-18 20-Mar-18	17-Feb-18 19-Mar-18	Design Documents Sent to Procurement - 4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) ♦ Advertise Bid Package - 4.09 (48-53, 63)
Procurement CT80320 CT80210 CT36450 CT36460 CT36470 CT36480	Internal Bid Package Review - 4.09 (48-53, 63) Design Documents Sent to Procurement - 4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period - 4.09 (48-53, 63)	3 0 60 0 30	20-Dec-17 20-Dec-17 18-Feb-18 18-Feb-18	17-Feb-18	Design Documents Sent to Procurement -4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4/09 (48-53, 63) Advertise Bid Package - 4/09 (48-53, 63) Bid Solicitation Period -4.09 (48-53, 63)
Procurement CT80320 CT80210 CT36450 CT36460 CT36470 CT36480 CT36490	Internal Bid Package Review - 4.09 (48-53, 63) Design Documents Sent to Procurement - 4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period - 4.09 (48-53, 63) Bids Due - 4.09 (48-53, 63)	3 0 60 0 30	20-Dec-17 20-Dec-17 18-Feb-18 18-Feb-18 20-Mar-18	17-Feb-18 19-Mar-18	Design Documents Sent to Procurement -'4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period -'4.09 (48-53, 63) Bids Due - 4.09 (48-53, 63) Bid Review Period - 4.09 (48-53, 63)
Procurement CT80320 CT80210 CT36450 CT36460 CT36470 CT36480 CT36490 CT36500	Internal Bid Package Review - 4.09 (48-53, 63) Design Documents Sent to Procurement - 4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period - 4.09 (48-53, 63) Bids Due - 4.09 (48-53, 63) Bid Review Period - 4.09 (48-53, 63)	3 0 60 0 30 0	20-Dec-17 20-Dec-17 18-Feb-18 18-Feb-18 20-Mar-18	17-Feb-18 19-Mar-18 18-Apr-18	♦ Design Documents Sent to Procurement -4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) ♦ Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period -4.09 (48-53, 63) ♦ Bids Due -4.09 (48-53, 63) Bid Review Period - 4.09 (48-53, 63) ♦ Award Recommendation - 4.09 (48-53, 63) Procurement - 4.09 (48-53, 63)
Procurement CT80320 CT80210 CT36450 CT36460 CT36470 CT36480 CT36490 CT36500 CT36510	Internal Bid Package Review - 4.09 (48-53, 63) Design Documents Sent to Procurement - 4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period - 4.09 (48-53, 63) Bids Due - 4.09 (48-53, 63) Bid Review Period - 4.09 (48-53, 63) Award Recommendation - 4.09 (48-53, 63)	3 0 60 0 30 0 30 0	20-Dec-17 20-Dec-17 18-Feb-18 18-Feb-18 20-Mar-18 20-Mar-18	17-Feb-18 19-Mar-18 18-Apr-18	♦ Design Documents Sent to Procurement -4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) ♦ Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period -4.09 (48-53, 63) ♦ Bids Due - 4.09 (48-53, 63) Bid Review Period - 4;09 (48-53, 63) ♦ Award Récommendation - 4.09 (48-53, 63) Procurement - 4:09 (48-53, 63)
Procurement CT80320 CT80210 CT36450 CT36460 CT36470 CT36480 CT36490 CT36500 CT36510 CT13371	Internal Bid Package Review - 4.09 (48-53, 63) Design Documents Sent to Procurement - 4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period - 4.09 (48-53, 63) Bids Due - 4.09 (48-53, 63) Bid Review Period - 4.09 (48-53, 63) Award Recommendation - 4.09 (48-53, 63) Procurement - 4.09 (48-53, 63)	3 0 60 0 30 0 30 0 180	20-Dec-17 20-Dec-17 18-Feb-18 18-Feb-18 20-Mar-18 20-Mar-18	17-Feb-18 19-Mar-18 18-Apr-18 18-Apr-18 17-Jun-18	♦ Design Documents Sent to Procurement -4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) ♦ Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period -4.09 (48-53, 63) ♦ Bids Due -4.09 (48-53, 63) Bid Review Period - 4.09 (48-53, 63) ♦ Award Recommendation - 4.09 (48-53, 63) Procurement - 4.09 (48-53, 63)
Procurement CT80320 CT80210 CT36450 CT36460 CT36470 CT36480 CT36490 CT36500 CT36510 CT13371 CT36520	Internal Bid Package Review - 4.09 (48-53, 63) Design Documents Sent to Procurement - 4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period - 4.09 (48-53, 63) Bids Due - 4.09 (48-53, 63) Bid Review Period - 4.09 (48-53, 63) Award Recommendation - 4.09 (48-53, 63) Procurement - 4.09 (48-53, 63)	3 0 60 0 30 0 30 0 180 60	20-Dec-17 20-Dec-17 18-Feb-18 18-Feb-18 20-Mar-18 20-Mar-18 20-Dec-17 19-Apr-18	17-Feb-18 19-Mar-18 18-Apr-18 18-Apr-18 17-Jun-18	◆ Design Documents Sent to Procurement -4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) ◆ Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period -4.09 (48-53, 63) ◆ Bids Due - 4.09 (48-53, 63) Bid Review Period - 4.09 (48-53, 63) ◆ Award Recommendation - 4.09 (48-53, 63) Procurement - 4.09 (48-53, 63) Final Approvals - 4.09 (48-53, 83) 20-Oct-19, Construction
Procurement CT80320 CT80210 CT36450 CT36460 CT36470 CT36480 CT36490 CT36500 CT36510 CT13371 CT36520 Construction	Internal Bid Package Review - 4.09 (48-53, 63) Design Documents Sent to Procurement - 4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period - 4.09 (48-53, 63) Bids Due - 4.09 (48-53, 63) Bid Review Period - 4.09 (48-53, 63) Award Recommendation - 4.09 (48-53, 63) Procurement - 4.09 (48-53, 63) Final Approvals - 4.09 (48-53, 63) Contractor Notice to Proceed (NTP) - 4.09 (48-53, 63)	3 0 60 0 30 0 30 0 180 60 490	20-Dec-17 20-Dec-17 18-Feb-18 18-Feb-18 20-Mar-18 20-Mar-18 20-Dec-17 19-Apr-18 18-Jun-18	17-Feb-18 19-Mar-18 18-Apr-18 18-Apr-18 17-Jun-18 17-Jun-18 20-Oct-19	◆ Design Documents Sent to Procurement -4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4:09 (48-53, 63) ◆ Advertise Bid Package - 4:09 (48-53, 63) Bid Solicitation Period -4:09 (48-53, 63) ◆ Bids Due - 4:09 (48-53, 63) ◆ Award Recommendation - 4:09 (48-53, 63) Procurement - 4:09 (48-53, 63) Final Approvals - 4:09 (48-53, 63) ◆ Contractor Notice to Proceed (NTP) - 4:09 (48-53, 63)
Procurement CT80320 CT80210 CT36450 CT36460 CT36470 CT36480 CT36490 CT36500 CT36510 CT13371 CT36520 Construction CT36530	Internal Bid Package Review - 4.09 (48-53, 63) Design Documents Sent to Procurement - 4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period - 4.09 (48-53, 63) Bids Due - 4.09 (48-53, 63) Bid Review Period - 4.09 (48-53, 63) Award Recommendation - 4.09 (48-53, 63) Procurement - 4.09 (48-53, 63) Final Approvals - 4.09 (48-53, 63)	3 0 60 0 30 0 30 0 180 60 490	20-Dec-17 20-Dec-17 18-Feb-18 18-Feb-18 20-Mar-18 20-Mar-18 20-Dec-17 19-Apr-18	17-Feb-18 19-Mar-18 18-Apr-18 18-Apr-18 17-Jun-18	◆ Design Documents Sent to Procurement -4.09 (48-53, 63) Submit/Approve SBD Goals and Request to Advertise - 4.09 (48-53, 63) ◆ Advertise Bid Package - 4.09 (48-53, 63) Bid Solicitation Period -4.09 (48-53, 63) ◆ Bids Due - 4.09 (48-53, 63) Bid Review Period - 4.09 (48-53, 63) ◆ Award Recommendation - 4.09 (48-53, 63) Procurement - 4.09 (48-53, 63) Final Approvals - 4.09 (48-53, 83) 20 Oct-19, Construction



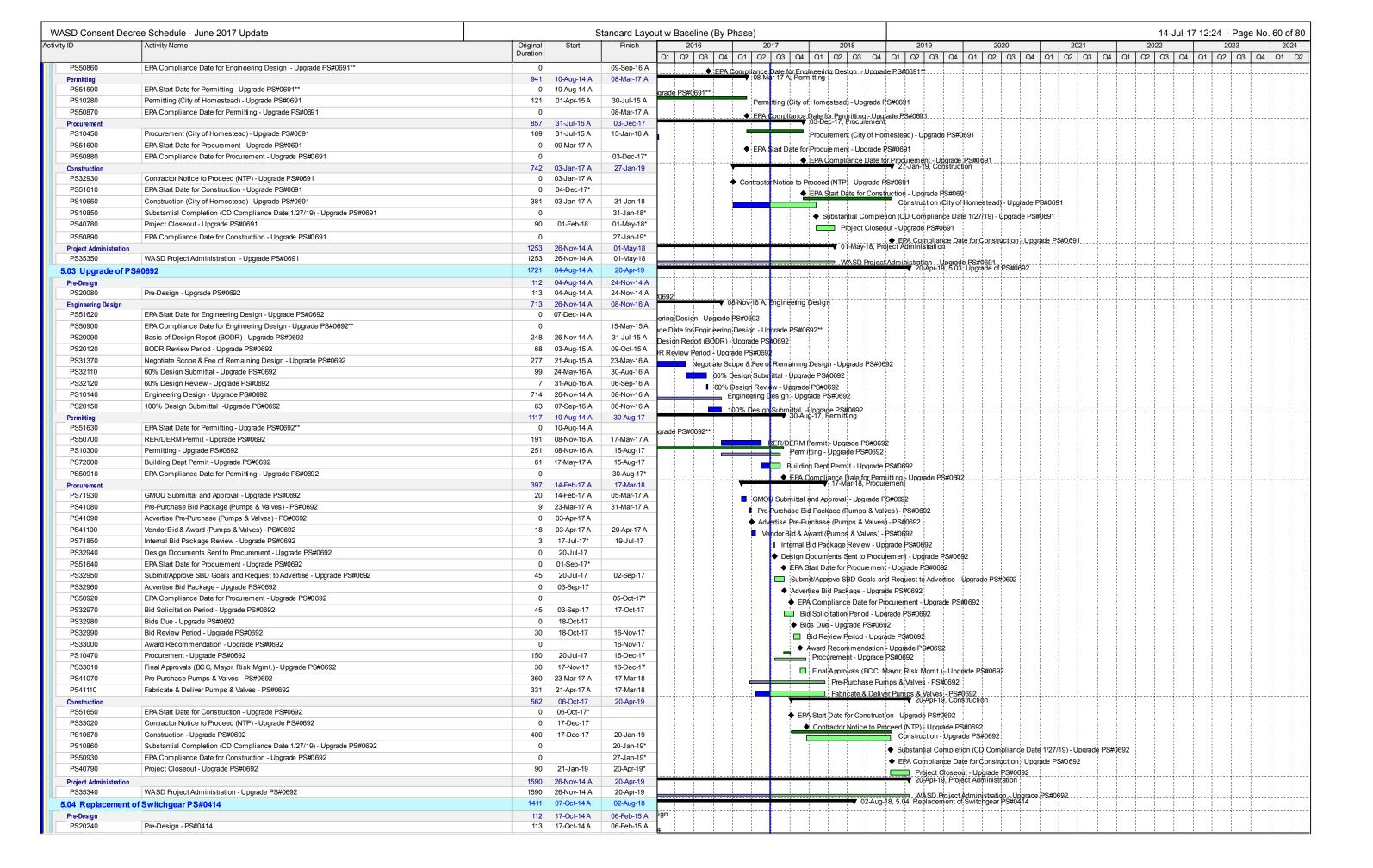
WASD Consent Dec	cree Schedule - June 2017 Update		;	Standard Lay	out w Baseline (By Phase)	14-Jul-17 12:24 - Page No. 55 of 8
tivity ID	Activity Name	Original Duration	Start	Finish	2016 2017 2018	2019 2020 2021 2022 2023 2024
CT13801	Engineering Decign 4.00 (CC)		10-Feb-17 A	26 Dec 17		4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2
Permitting	Engineering Design - 4.09 (66)	121 90	27-Dec-17	26-Dec-17 26-Mar-18	Engineering Design ✓ 26-Mar-18, Pen	-4:(09 (66)
CT13811	Permitting - 4.09 (66)	90	27-Dec-17 27-Dec-17	26-Mar-18		Permitting - 4:09 (66)
Procurement		198	27-Dec-17	12-Jul-18	√ 12-Jul-1	18; Procyrement
CT80350	GMOU submittal and approval - 4.09 (66)	20	27-Dec-17	15-Jan-18	☐ GMOU submittal ar	nd annowal - 4 09 (66)
CT80240	Internal Bid Package Review - 4.09 (66)	3	27-Mar-18	29-Mar-18		ickage Review - 4.09 (66)
CT36810	Design Documents Sent to Procurement - 4.09 (66)	0	30-Mar-18			nents Sent to Procurement ; 4.09 (66)
CT36820	Submit/Approve SBD Goals and Request to Advertise - 4.09 (66)	30	30-Mar-18	28-Apr-18		ove SBD Goals and Request to Advertise - 4.09 (66)
CT36830	Advertise Bid Package - 4.09 (66)	0	29-Apr-18			d Package - 4.09 (66)
CT36840	Bid Solicitation Period - 4.09 (66)	30	29-Apr-18	28-May-18		ation Period - 4.09 (66)
CT36850	Bids Due - 4.09 (66)	0	29-May-18			
CT36860	Bid Review Period - 4.09 (66)	15	29-May-18	12-Jun-18		-4.09 (66) pw/Period - 4.09 (66)
CT36870	Award Recommendation - 4.09 (66)	0		12-Jun-18		ecommendation - 4.09 (66)
CT13821	Procurement - 4.09 (66)	105	30-Mar-18	12-Jul-18	→ Award Re	Procurement - 4/09 (66)
CT36880	Final Approvals - 4.09 (66)	30	13-Jun-18	12-Jul-18		
Construction		330	13-Jul-18	07-Jun-19	FluarA	pprovals - 4.09 (66.) ▼ 07-Jun-19, Construction
CT36890	Contractor Notice to Proceed (NTP) - 4.09 (66)	0	13-Jul-18		Contrac	ctor Notige to Proceed (NTP) - 4.09 (66)
CT13831	Construction - 4.09 (66)	240	13-Jul-18	09-Mar-19	Contrac	Construction - 4:09 (66)
CT13841	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (66)	0		09-Mar-19*		♦ Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (66)
CT40670	Project Closeout - 4.09 (66)	90	10-Mar-19	07-Jun-19*		
Project Administration		649	10-Feb-17 A	07-Jun-19	▼	Project Closeout - 4.09 (66) 7-Juh-19, Project Admin istration
CT38190	WASD Project Administration - 4.09 (66)	649	10-Feb-17 A	07-Jun-19		WASD Project Administration (4.09 (56))
4.09 (67) Replace 2	2,700 LF of 8" AC P FM from PS#1132 Along Bikini Blvd to MH5 in Hanger Rd	1464	29-Aug-14 A	21-Aug-18	▼ 21-A	WASD Project Administration - 4.09 (66) ug-18, 4.09 (67) Replace 2,700 LF of 8" ACP FM from PS#1132 Along Bikini Bivd to MH5 in Hanger Rd
Pre-Design		137	29-Aug-14 A	13-Jan-15 A	in it is it is it is	
CT14201	Pre-Design - 4.09 (67)	138	29-Aug-14 A	13-Jan-15 A		
Engineering Design		436	13-Feb-15 A	24-Apr-16 A	24-Apr-16 A, Engineering Design	
CT13851	Engineering Design - 4.09 (67)	437	13-Feb-15 A	24-Apr-16 A	Engineering Design -4.09 (67)	
Permitting		192	25-Apr-16 A	03-Nov-16 A	03-Nov-16 A, Permitting	
CT13861	Permitting - 4.09 (67)	193	25-Apr-16 A	03-Nov-16 A		Plemitting - 4,09 (67)
CT50390	DERM Permit - 4.09 (67)	193	25-Apr-16 A	03-Nov-16 A	DERM Permit - 4.09 (67)	
CT50400	Public Works Permit - 4.09 (67)	35	30-Sep-16 A	03-Nov-16 A	Public Works Permit - 4.09 (67) 15-Sep-17, Procutement	
Procurement		222	16-Feb-17 A	15-Sep-17	▼ 15-Sep-17, Procutement	
CT80360	GMOU submittal and approval - 4.09 (67)	21	16-Feb-17 A	08-Mar-17 A	GMOU submittal and approval - 4.09 (67)	
CT80250	Internal Bid Package Review - 4.09 (67)	6	19-May-17 A	24-May-17 A	■ ntemal Bid Package Review - 4.09	(67)
CT36900	Design Documents Sent to Procurement - 4.09 (67)	0	25-May-17 A		◆ Design Documents Sent to Procure	ment - 4:09 (67)
CT36910	Submit/Approve SBD Goals and Request to Advertise - 4.09 (67)	30	25-May-17 A	20-Jun-17 A	Submit/Approve \$BD Gpals and R	Reguest to Advertise - 4.09 (67)
CT36920	Advertise Bid Package - 4.09 (67)	0	21-Jun-17 A		Advertise Bid Package - 4.09 (67)	
CT36930	Bid Solicitation Period - 4.09 (67)	30	21-Jun-17 A	01-Aug-17	Bid Solicitation Period - 4.09 (6	
CT36940	Bids Due - 4.09 (67)	0	02-Aug-17		◆ Bids Due - 4.09 (67)	
CT36950	Bid Review Period - 4.09 (67)	15	02-Aug-17	16-Aug-17	☐ Bid Review Period -4.09 (67)	
CT36960	Award Recommendation - 4.09 (67)	0		16-Aug-17	◆ Award Recommendation - 4.0	9 (67)
CT13871	Procurement - 4.09 (67)	124	25-May-17 A	15-Sep-17	7 Award (Coordinate Industrial 14.0	Procurement - 4:09 (67)
CT36970	Final Approvals - 4.09 (67)	30	17-Aug-17	15-Sep-17	Final A mmyals - 4 09 (67)	
Construction		340	16-Sep-17	21-Aug-18	Final Approvals - 4.09 (67). 21-A	ug-18, Construction
CT36980	Contractor Notice to Proceed (NTP) - 4.09 (67)	0	16-Sep-17		Contractor Notice to Procee	
CT13881	Construction - 4.09 (67)	250	16-Sep-17	23-May-18	V Songastor Notice to 1 recess	Construction - 4;09 (67)
CT13891	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (67)	0		23-May-18*	◆ Substantia	Il Completion (CD Compliance Date 10/08/19) - 4.09 (67)
CT40680	Project Closeout - 4.09 (67)	90	24-May-18	21-Aug-18*		
Project Administration		1296	13-Feb-15 A	21-Aug-18	21-A	act Closeout - 4.09 (67) ug-18, Project Administration
CT38180	WASD Project Administration - 4.09 (67)	1296	13-Feb-15 A	21-Aug-18	WAS	SD Project Administration - 4 (19 (67)
4.09 (68) Replacem	nent of 3,400 LF of 6" and 8" ACP FM, from PS#0364 to NW 199th St./42nd Ave.	1050	29-Aug-14 A	12-Aug-17	12-Aug-17, 4.09 (68) Replacen	SD Project Administration - 4.09.(67) nent of 3,400 LF of 6" and 8" AC P FM, from PS#0364 to NW 199th St./42nd Ave.
Pre-Design		35	29-Aug-14 A	03-Oct-14 A		
CT20020	Pre-Design - 4.09 (68)	36	29-Aug-14 A	03-Oct-14 A		
Engineering Design		405		15-Nov-15 A	-Nov-15 A Engineering Design	
CT13901	Engineering Design - 4.09 (68)	406	06-Oct-14 A	15-Nov-15 A	ngineering Design - 4.09 (68)	
Permitting		142	16-Nov-15 A	06-Apr-16 A	06-Apr-16 A, Permitting	
CT13911	Permitting - 4.09 (68)	143		06-Apr-16 A	29-Jun-16 A, Procurement	Permitting - 4;09 (68)
Procurement	Desire Desired Coulty Desired 1 4 00 (00)	83	07-Apr-16 A	29-Jun-16 A	29-Juli-10 A, Ploculement	
CT36990	Design Documents Sent to Procurement - 4.09 (68)	0	07-Apr-16 A	444 121	Design Documents Sent to Procurement - 4.09 (68)	
CT37000	Submit/Approve SBD Goals and Request to Advertise - 4.09 (68)	8	07-Apr-16 A	14-Apr-16 A	Submit/Approve SBD Goals and Request to Advertise - 4.09 (68	
CT37010	Advertise Bid Package - 4.09 (68)	0	15-Apr-16 A		◆ Advertise Bid Package - 4.09 (68)	
CT37020	Bid Solicitation Period - 4.09 (68)	39	· · · · · · · · · · · · · · · · · · ·	23-May-16 A	Bid Solicitation Period - 4 09 (68)	
CT37030	Bids Due - 4.09 (68)	0			♦ Bids Due - 4.09 (68)	
CT37040	Bid Review Period - 4.09 (68)	3	24-May-16 A	26-May-16 A	I Bid Review Period - 4.09 (68)	
CT37050	Award Recommendation - 4.09 (68)	0		26-May-16 A	◆ Award Recommendation - 4.09 (68)	
CT13921	Procurement - 4.09 (68)	84	07-Apr-16 A	29-Jun-16 A		Procurement - 4,09 (68)
CT37060	Final Approvals - 4.09 (68)	34	27-May-16 A	29-Jun-16 A	Final Approvals -4.09 (68)	
CT50990	P.O. Issued - 4.09 (68)	0		29-Jun-16 A	◆ P.O. Issued - 4.09 (68)	

	ecree Schedule - June 2017 Update	المعادما			out w Baseline (By Phase)	14-Jul-17 12:24 - Page No. 56
ity ID	Activity Name	Original Duration	Start	Finish	2016 2017 2018	2019 2020 2021 2022 2023 Q 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 Q1
Construction		305	12-Sep-16 A	12-Aug-17	12-Aug-17, Construction	01 02 03 04 01 02 03 04 01 02 03 04 01 02 03 04 01 02 03 04
CT37070	Contractor Notice to Proceed (NTP) - 4.09 (68)	0	12-Sep-16 A	127109 17		
CT13931	Construction - 4.09 (68)	184	12-Sep-16 A	14-Mar-17 A	Contractor Notice to Proceed (NTP) -4.09 (68)	Construction - 4:09 (68)
CT13941	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (68)	0		14-Mar-17 A	◆ Substantial Completion (CD Compliance D	
CT40690	Project Closeout - 4.09 (68)	121	15-Mar-17 A	12-Aug-17*		
Project Administration	• • • • • • • • • • • • • • • • • • • •	1012	06-Oct-14 A	12-Aug-17	Project Closeout - 4.09 (68). 12-Aug-17, Project Administration	
CT38170	WASD Project Administration - 4.09 (68)	1012	06-Oct-14 A	12-Aug-17		
4.09 (69) Replacer	ment of 2,320 LF of 12" ACP FM from PS#0333 South to Miami Lakes Dr.	1142	16-Jun-14 A	30-Aug-17	30-Aug-17, 4.09 (69) Replacement	.09 (68) ent of 2,320 LF of 12" ACP FM from PS#0333 South to Miami Lakes Dr.
Pre-Design		318	16-Jun-14 A	30-Apr-15 A	p-Design	
CT22590	Pre-Design - 4.09 (69)	319	16-Jun-14 A	30-Apr-15 A	no (ed)	
Engineering Design		105	01-May-15 A	14-Aug-15 A	15 A Engineering Design	
CT37480	30% Design Submittal - 4.09 (69)	29	01-May-15 A	29-May-15 A	Submittal - 4.09 (69)	
CT37490	60% Design Submittal - 4.09 (69)	33	01-Jun-15 A	03-Jul-15 A	n Submittal - 4.09 (69)	
CT37500	90% Design Submittal - 4.09 (69)	40	06-Jul-15 A	14-Aug-15 A	sign \$ubmittal - 4/09 (69)	
CT13951	Engineering Design - 4.09 (69)	105	01-May-15 A	14-Aug-15 A	ring Design - 4.09 (69)	
Permitting		91	19-Oct-15 A	18-Jan-16 A	▼ 18-Jan-16 A, Permitting	
CT13961	Permitting - 4.09 (69)	92	19-Oct-15 A	18-Jan-16 A	P	emitting - 4.09 (69)
Procurement		121	19-Jan-16 A	19-May-16 A	19-May-16 A, Procurement	
CT37080	Design Documents Sent to Procurement - 4.09 (69)	0	19-Jan-16 A		Design Documents Sent to Procurement - 4.09 (69)	
CT37090	Submit/Approve SBD Goals and Request to Advertise - 4.09 (69)	48	19-Jan-16 A	06-Mar-16 A	Submit/Approve SBD Goals and Request to Advertise - 4.09 (69)	
CT37100	Advertise Bid Package - 4.09 (69)	0	07-Mar-16 A		◆ Advertise Bid Package - 4.09 (69)	
CT37110	Bid Solicitation Period - 4.09 (69)	30	07-Mar-16 A	05-Apr-16 A	Bid Solicitation Period - 4.09 (69)	
CT37120	Bids Due - 4.09 (69)	0	06-Apr-16 A		◆ Bids Due : 4.09 (69)	
CT37130	Bid Review Period - 4.09 (69)	6	06-Apr-16 A	11-Apr-16 A	Bid Review Period - 4.09 (69)	
CT37140	Award Recommendation - 4.09 (69)	0		11-Apr-16 A		
CT13971	Procurement - 4.09 (69)	122	19-Jan-16 A	19-May-16 A	Award Recommendation - 4,09 (69)	Procurement - 4:09 (69)
CT37150	Final Approvals - 4.09 (69)	38	12-Apr-16 A	19-May-16 A		1 opared (43)
Construction	Thial typic activities (co)	379	18-Jul-16 A	30-Aug-17	Final Approvals - 4.09 (69).	
CT37160	Contractor Notice to Proceed (NTP) - 4.09 (69)	0	18-Jul-16 A	30-Aug-17		
CT13981	Construction - 4.09 (69)	102	18-Jul-16 A	27-Oct-16 A	Contractor Notice to Proceed (NTP) - 4.09 (69)	Construction - 4;09 (69)
CT13991	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (69)	102	10-541-1074	27-Oct-16 A		
CT40700	Project Closeout - 4.09 (69)	277	28-Oct-16 A	30-Aug-17*	◆ Substantial Completion (CD Compliance Date 10/08	V/19) - 4.09 (6 9)
	• • • • • • • • • • • • • • • • • • • •	694	01-May-15 A	25-Mar-17 A	Project Closeout - 4.09 (69) 25-Mar-17 A, Project Administration	
Project Administration CT38150	WASD Project Administration - 4.09 (69)	695	01-May-15 A	25-Mar-17 A		
	8000LF of 10" ACP FM at US-1 from SW 184th St. to N. of Caribbean Blvd	1727	13-Sep-14 A	16-Mar-16 A	WA \$D Project Administration - 4.09 (69) 16-Mar-16 A, 4.09 (70) Replace 8000LF of 10" ACP FM at US-1 from	SW 184th St. to N. of Caribbean Blvd
Pre-Design	6000LF OF TO ACF FM at 05-1 HOIR SW 164th St. to N. Of Caribbean blvu	407	13-Sep-14 A	25-Oct-15 A	Oct-15 A, Pre-Design	
CT20000	Pre-Design - 4.09 (70)	44	13-Sep-14 A	26-Oct-14 A		
CT33000	Pre-Design (Revised Project Scope) - 4.09 (70)	119	29-Jun-15 A	25-Oct-15 A	-	
	r te-besign (Newsea r toject ocope) - 4.09 (70)	977	27-Oct-14 A	16-Mar-16 A	Design (Revised Project Scope) - 4 09 (70)	
Engineering Design CT14001	Engineering Design (Original Project Scope) - 4.09 (70)	245	27-Oct-14 A	28-Jun-15 A	Design (Original Project Scope) - 4 09 (70)	
CT80440	Engineering Design - 4.09 (70)	963	27-Oct-14 A	16-Mar-16 A	Engineering Design -4.09 (70)	
CT33001	Engineering Design (Revised Project Scope) - 4.09 (70)	598	27-Oct-15 A	16-Mar-16 A		
CT80700		0.00	21-001-1374	16-Mar-16 A	Engineering Design (Revised Project Scope) - 4.09 (70)	
Project Administration	Project Cancelled - 4.09 (70)	1683	27-Oct-14 A	16-Mar-16 A	Project Cancelled - 4.09 (70) 16-Mar-16 A, Project Administration	
CT38160	WASD Project Administration - 4.09 (70)	1683	27-Oct-14 A 27-Oct-14 A	16-Mar-16 A		
	· · ·			05-Jul-18	WASD Project Administration - 4.09 (70)	4.09 (71) Replace 8" ACP FM from PS#0445, West to NW 207th St. 4" From PS#0444 to NW 207St
	8" ACP FM from PS#0445, West to NW 207th St, 4" From PS#0444 to NW207St	1343			an a contract of the contract	4.00 (x 1) replaced 7.00 from John D. 100 from 20 from
Pre-Design CT22550	Pre-Design - 4.09 (71)	90	01-Nov-14 A 01-Nov-14 A	30-Jan-15 A 30-Jan-15 A		
Engineering Design	Fie-Design - 4.09 (71)	442	02-Feb-15 A	19-Apr-16 A	19-Apr-16 A, Engineering Design	
CT14051	Engineering Design - 4.09 (71)	442	02-Feb-15 A 02-Feb-15 A	19-Apr-16 A		
Permitting	Lighteening Design -4.09 (71)	100	19-Apr-16 A	28-Jul-16 A	Engineering Design - 4.09 (71) 28-Jul-16 A, Permitting	
CT50410	DERM Permit - 4.09 (71)	20	20-Apr-16 A	09-May-16 A		
CT14061	Permitting - 4.09 (71)	101	19-Apr-16 A	28-Jul-16 A	DERM Permit - 4.09 (71)	
	• • • • • • • • • • • • • • • • • • • •		· · · · · · · · · · · · · · · · · · ·	_	-	emitting - 4,09 (71)
CT50420	Public Works Permit (City of Miami Gardens) - 4.09 (71)	100	20-Apr-16 A	28-Jul-16 A	Public Works Permit (City of Miami Gardens) - 4.09 (71) V 08-Sep-17, Procurement	
Procurement CT80390	GMOU Submittal and Approval - 4.09 (71)	212	09-Feb-17 A 09-Feb-17 A	08-Sep-17 01-Mar-17 A		
CT80400	Internal Bid Package Review - 4.09 (71)	5	17-May-17 A	21-May-17 A	GMOU Submittal and Approval - 4.09 (71)	
	• , ,	-		21-Iviay-17 A	I Internal Bid Package Review - 4.09 (71	
CT37170	Design Documents Sent to Procurement - 4.09 (71)	0	22-May-17 A	21 May 47 *	◆ Design Documents Sent to Procureme	
CT37180	Submit/Approve SBD Goals and Request to Advertise - 4.09 (71)	22	•	31-May-17 A	■ Submit/Approve SBD Goals and Requ	est to Advertise - 4.09 (71)
CT37190	Advertise Bid Package - 4.09 (71)	0	01-Jun-17 A		◆ Advertise Bid Package - 4.09 (71)	
CT37200	Bid Solicitation Period - 4.09 (71)	30	01-Jun-17 A	25-Jul-17	Bid Solicitation Period - 4.09 (71)	
CT37210	Bids Due - 4.09 (71)	0	26-Jul-17		♦ Bids Due - 4.09 (71)	
CT37220	Bid Review Period - 4.09 (71)	15	26-Jul-17	09-Aug-17	☐ Bid Review Period -4.09 (71)	
CT37230	Award Recommendation - 4.09 (71)	0		09-Aug-17	◆ Award Recommendation -4.09 (7)	71)
CT14071	Procurement - 4.09 (71)	97	22-May-17 A	08-Sep-17	Award Recommendation -4.09 (Procurement - 4:09 (71)
CT37240	Final Approvals - 4.09 (71)	30	10-Aug-17	08-Sep-17		
-		300	09-Sep-17	05-Jul-18	Final Approvals - 4.09 (71) 05-Jul-18.	Construction
Construction						

	cree Schedule - June 2017 Update	1 0		<u> </u>	ut w Baseline (By Phase)	14-Jul-17 12:24 - Page No. 57
ity ID	Activity Name	Original Duration	Start	Finish	2016 2017 2018 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3	2019 2020 2021 2022 2023 2 Q4 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q1 Q1 Q1 Q1
CT14081	Construction - 4.09 (71)	210	09-Sep-17	06-Apr-18		Construction - 4(09 (71)
CT14091	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (71)	0		06-Apr-18*	♦ Substanti	al Completion (CD Compliance Date 10/08/19) - 4/09 (71)
CT40720	Project Closeout - 4.09 (71)	90	07-Apr-18	05-Jul-18*		
Project Administration		1237	02-Feb-15 A	05-Jul-18	▼ 05-	ilect Cibseout - 4.09 (71) Jul-18, Project Administration
CT38140	WASD Project Administration - 4.09 (71)	1237	02-Feb-15 A	05-Jul-18	WA	SD Project Administration - 4.09 (71) d 16" ACP FM from PS#0891 to SW 108th St:-127th Ave88th St
4.09 (72) Replace 9	2152 LF of 8", 12" and 16" ACP FM from PS#0891 to SW 108th St127th Ave88th St	0		18-Jul-16 A		16" ACP FM from PS#0891 to SW 108th St;-127th Ave88th St
Procurement	[m. 1 m. 1 m. 1 m. 1 m. 1 m. 1 m. 1 m. 1	0	18-Jul-16 A	18-Jul-16 A	▼ 18-Jul-16 A, Procuren ent	<u></u>
CT14161	Project Transferred to CIP - 4.09 (72)	0	00.1.11.1	18-Jul-16 A		Project Transferred to CIP - 4:09 (72) 16-Feb-19, 4:09 (73) Replacement of 4:156 LF of 16", 1375 LF of 12', 1577 LF of 8" ACP FMs PS#0875 to 127 th Ave
	nent of 4156 LF of 16", 1375 LF of 12', 1577LF of 8" AC P FM's PS#0875 to 127th Ave	1633		16-Feb-19	Design	V 104 EDF15, 4.05 (75) NEPIGLEHICH CHAISO EI OFFO, 1575 EF OFFE CHAISO EFFE CHAISO EFFE
Pre-Design CT20010	Pre-Design - 4.09 (73)	216 217		02-Apr-15 A 02-Apr-15 A	PGigit	
Engineering Design	1 10-2001gH - 4.00 (10)	223		12-Nov-15 A	(73) 2-Nov-15 A, Engineering Design	
CT37510	30% Design Submittal - 4.09 (73)	126		06-Aug-15 A		
CT37520	60% Design Submittal - 4.09 (73)	56	•	01-Oct-15 A	sign Submittal - 4.09 (73)	
CT14111	Engineering Design - 4.09 (73)	224	03-Apr-15 A	12-Nov-15 A	Design Submittal - 4.09 (73) Igineering Design - 4.09 (73)	
CT37530	90% Design Submittal - 4.09 (73)	42	•	12-Nov-15 A		
Permitting		245	18-Dec-15 A	19-Aug-16 A	l% Design Submittal - 4.09 (73) 19-Aug-16 A, Permitting	
CT50510	Miami Dade Public Works Permit - 4.09 (73)	74	18-Dec-15 A	29-Feb-16 A	Miami Dade Public Works Pernit - 4.09 (73)	
CT50500	RER (DERM) / FDEP Permit - 4.09 (73)	83	18-Dec-15 A	09-Mar-16 A	RER (DERM) / FDEP Permit - 4.09 (73)	
CT50520	South Florida Water Management District (SFWMD) Permit -4.09 (73)	79	04-Jan-16 A	22-Mar-16 A	South Florida Water Management District (SFWMD) Permit	4 0 9 (73)
CT14121	Permitting - 4.09 (73)	246	18-Dec-15 A	19-Aug-16 A	Codiff forda water management potnet (or wild) Fellint	H-09 (73) Permitting -4:09 (73)
CT50870	Tree Permit - 4.09 (73)	39	12-Jul-16 A	19-Aug-16 A	■ Tree Permit - 4.09 (73)	
Procurement		305	13-Jan-17 A	13-Nov-17	13-Nov-17, Procure 13-Nov-17, Procure	nent
CT80260	Internal Bid Package Review - 4.09 (73)	5	13-Jan-17 A	17-Jan-17 A	Internal Bid Package Review - 4.09 (73)	
CT80370	GMOU submittal and approval - 4.09 (73)	21	20-Feb-17 A	12-Mar-17 A	■ GMOU submittal and approval - 4.09	
CT37260	Design Documents Sent to Procurement - 4.09 (73)	0	18-Apr-17 A		◆ Design Documents Sent to Procu	
CT37270	Submit/Approve SBD Goals and Request to Advertise - 4.09 (73)	16	18-Apr-17 A	03-May-17 A	Submit/Approve SBD Goals and	
CT80530	Resolution of Easement Conflicts - 4.09 (73)	51	04-May-17 A	13-Aug-17	Resolution of Easement (
CT80540	Design Documents Re-Sent to Procurement - 4.09 (73)	0	14-Aug-17			ent to Procurement - 4.09 (73)
CT80550	Re-Submit/Approve SBD Goals and Request to Advertise - 4.09 (73)	17	14-Aug-17	30-Aug-17		Coals' and Request to Advertise - 4.09 (73)
CT37280	Advertise Bid Package - 4.09 (73)	0	31-Aug-17		◆ Advertise Bid Package -	
CT37290	Bid Solicitation Period - 4.09 (73)	30	31-Aug-17	29-Sep-17	☐ Bid Solicitation Period	
CT37300	Bids Due - 4.09 (73)	0	30-Sep-17		♦ Bids Due + 4.09 (73)	
CT37310	Bid Review Period - 4.09 (73)	15	30-Sep-17	14-Oct-17	☐ Bid Review Period - 4	(19 (73)
CT37320	Award Recommendation - 4.09 (73)	0		14-Oct-17	◆ Award Recommenda	
CT14131	Procurement - 4.9 (73)	159	18-Apr-17 A	13-Nov-17	- The state of the	Procurement - 4,9 (73)
CT37330	Final Approvals - 4.09 (73)	30	15-Oct-17	13-Nov-17	☐ Final Approvals - 4.	09/731
Construction		460	14-Nov-17	16-Feb-19	V	▼ 16-Feb-19, Construction
CT37340	Contractor Notice to Proceed (NTP) - 4.09 (73)	0	14-Nov-17		◆ Contractor Notice to	o Proceed (NTP) - 4:09 (73)
CT14151	Construction - 4.09 (73)	370	14-Nov-17	18-Nov-18		Construction - 4:09 (73)
CT14181	Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (73)	0		18-Nov-18*		◆ \$ubstantial Completion (CD Compliance Date 10/08/19) - 4.09 (73)
CT40740	Project Closeout - 4.09 (73)	90		16-Feb-19*		Project Closeout - 4.09 (73) 7 (6-Feb;19, Project Administration
Project Administration	[W.O. D. J. 444 J. 44 J. 40 J.	1365		16-Feb-19		▼ t6-rep-19, Project Administration
CT38130	WASD Project Administration - 4.09 (73)	1365	<u> </u>	16-Feb-19		. WASD Project Administration - 4.09 (73). V 07-Jun-21, 4.10 Opa-Locka Aliport 48" PCCP Force Main Replacer
I.10 Opa-Locka Ai	rport 48" PCCP Force Main Replacement	2506	29-Jul-14 A	07-Jun-21		▼ 07-5uli-21, 4-10 Opa-Locka Aliport 46 PCEP Folice walli Replace
Engineering Design		577		05-May-16 A	05-May-16 A, Engineering Design	
CT71530	EPA Start Date for Engineering Design - Replace 48" PCCP FM @ Opa-Locka Airport**	0	06-Oct-14 A	00 1	g Design - Replace 48" PCCP FM @ Opa-Locka Airport**	
CT50890	EPA Compliance Date for Engineering Design - Replace 48" PCCP FM @ Opa-Locka Airport**	0	49.5	23-Apr-15 A	e Date for Engineering Design - Replace 48" PCCP FM@ Opa-Locl	
CT10100	Engineering Design - Replace 48" PCCP FM @ Opa-Locka Airport	506		05-May-16 A	Engineering Design - Replace 48" PCCP FM @ Opa-Lock 23-Jul-16 A, Permitting	a Airport
Permitting	EDA Clark Data for Damitting Deploys 401 DCCD FM & Construction Aircrafts	725		23-Jul-16 A	✓ 23-pui-10 A, Peillilling	
CT71540	EPA Start Date for Permitting - Replace 48" PCCP FM @ Opa-Locka Airport**	0	29-Jul-14 A	44 1: 40 4	lace 48" PCCP FM @ Opa-Locka Airport**	
CT10180	Permitting - Replace 48" PCCP FM @ Opa-Locka Airport	321	30-Jul-15 A	14-Jun-16 A	Pelmitting - Replace 48" PCCP FM @ Opa-Locka Ai	
CT50900	EPA Compliance Date for Permitting - Replace 48" PCCP FM @ Opa-Locka Airport	0	04.84=40.4	23-Jul-16 A	◆ EPA Compliance Date for Permitting - Replace 48" [29-Dec-16 A, Procurement	CCP.FM @ Opa-Locka Airport
Procurement CT71550	EPA Start Date for Procurement - Replace 48" PCCP FM @ Opa-Locka Airport**	239	•	29-Dec-16 A		
CT10260	Procurement - Replace 48" PCCP FM @ Opa-Locka Airport	230		19-Dec-16 A	◆ EPA Start Date for Procurement - Replace 48" PCCF	
CT50910	EPA Compliance Date for Procurement - Replace 48" PCCP FM @ Opa-Locka Airport	230	04-Way-10 A	29-Dec-16 A	Procurement - Replace 48" PCCP FM @	
	En Compilative Date for Floratement - Neptace 40 FOOF Fivil @ Opa-Lucka Allipuit	474	12-Oct-16 A	29-Dec-16 A 28-Jan-18	◆ EPA Combliance Date for Procurement - 28-Jan-18 Co	Replace 48" PCCP FM @ Opa-Locka Airport
Construction CT71560	EPA Start Date for Construction - Replace 48" PCCP FM @ Opa-Locka Airport	0	23-Oct-16 A	20-0all-10		
CT10330	Construction - Replace 48" PCCP FM @ Opa-Locka Airport	414		09-Jan-18	◆ EPA Start Date for Construction - Replace 48"	PCCP FM @ Opa-Locka Airport Replace 48" PCCP FM @ Opa-Locka Airport
CT10400	Substantial Completion (CD Compliance Date 1/28/18) - Replace 48" PCCP FM @ Opa-Locka Airport	0	12 000-1074	09-Jan-18*		
CT50920	EPA Compliance Date for Construction - Replace 48" PCCP FM @ Opa-Locka Airport	0		28-Jan-18*		npletion (CD Compliance Date 1/28/18) - Replace 48" PCCP FM @ Opa-Locka Airport
		853	17-Aug-15 A	26-Jan-16 16-Dec-17	◆ EPA Compliar 16-Dec-17: 4:10 (nce Date for Construction - Replace 48" PCCP FM @ Ope Locka Airport 1) Rehab Exisiting 48" FM Along North Side of Biscayne Canal, from NW 37th Ave. to NW 32nd Ave.
4.10 (1) Renab Exis	siting 48" FM Along North Side of Biscayne Canal from NW 37th Ave. to NW 32nd Ave.	118	· ·	13-Dec-15 A	13-Dec-15 A, Pre-Design	
CT37600	Negotiate Scope and Fee for Remaining Design - Rehab Existing 48" FM East of Opa Locka Airport	119		13-Dec-15 A		
Engineering Design		143		05-May-16 A	Negotiate Scope and Fee for Remaining Design - Rehab Existing 4	3". FM. East of Opa Locka Airport
CT37630	Draft Performance Specifications - Rehab Existing 48" FM East of Opa Locka Airport	124		15-Apr-16 A		
	Performance Specifications Review - Rehab Existing 48" FM East of Opa Locka Airport		16-Apr-16 A	22-Apr-16 A	Draft Performance Specifications - Rehab Existing 48" FM	çası or ∪pa Ļocka Airpon,

	ree Schedule - June 2017 Update			<u> </u>	ut w Baseline (By Phase)												14-Jul-17	7 12:2		ge No. 5	
vity ID	Activity Name	Original Duration	Start	Finish	2016 201 Q1 Q2 Q3 Q4 Q1 Q2			2018	01	2019	T 04 01	2020	04 01	2021	1 04 01	2022		01	2023	2 04	2024
CT37590	Engineering Design - Rehab Existing 48" FM East of Opa Locka Airport	144	14-Dec-15 A	05-May-16 A				+ + -	+ +	Q2 Q3	Q4 Q1	Q2 Q3	Q4 Q1	Q2 Q3	Q4 Q1	1 02 1	23 Q4	Qi	Q2 Q	Q4	۱ ایک
CT37650	Final Performance Specifications Submittal - Rehab Existing 48" FM East of Opa Locka Airport	13	23-Apr-16 A	05-May-16 A	Engineering Design - Rehalt	b Existing	48" FM East	of Opa Lock	a Airport	-4 -6 0 1	J.,										
Permitting	· · · · · · · · · · · · · · · · · · ·	1	04-May-16 A	05-May-16 A	■ Final Performance Specific ▼ 05-May-16 A, Permitting	ations Su	omittar = Ren	an Existing 4	в; ни на	istor¦Opa i	Locka Almoi	π;;;						†			
CT37660	Permitting - Rehab Existing 48" FM East of Opa Locka Airport	2	04-May-16 A	05-May-16 A		1 1	1 1	1 1													
Procurement		227	06-May-16 A	19-Dec-16 A	I Permitting - Rehab Existing 19-Dec-16	A, Procure	ment	DKa MIPOIL.			·			† <u>†</u>	jj			11-			
CT37670	Design Documents Sent to Procurement - Rehab Existing 48" FM East of Opa Locka Airport	0	06-May-16 A		Design Documents Sent to	Procuren	neht - Rehah	Fristing 48" I	FM Fast	of Ona Loc	ka Aimort							1 1			
CT37680	Submit/Approve SBD Goals and Request to Advertise - Rehab Existing 48" FM East of Opa Locka Airport	22	06-May-16 A	27-May-16 A	Submit/Approve SBD Goa			1 1			: :	ocka Aimort						1 1			
CT37700	Advertise Bid Package - Rehab Existing 48" FM East of Opa Locka Airport	0	16-Sep-16 A		◆ Advertise Bid Page		.,,,		1	' ' '	1	LOCKA AIPOR									
CT37710	Bid Solicitation Period - Rehab Existing 48" FM East of Opa Locka Airport	34	16-Sep-16 A	19-Oct-16 A	Bid Solicitation	**	1 1 1		1 1	1 1	1 1		i	i i				1 1			
CT37720	Bids Due - Rehab Existing 48" FM East of Opa Locka Airport	0	20-Oct-16 A		♦ Bids Due - Reha	1	1 1	1	1. 1.	1 1											
CT37730	Bid Review Period - Rehab Existing 48" FM East of Opa Locka Airport	32	20-Oct-16 A	20-Nov-16 A	■ Bid Review Re			1 1	1 1	i											
CT37740	Award Recommendation - Rehab Existing 48" FM East of Opa Locka Airport	0		21-Nov-16 A	◆ Award Recom	1 1	1 1	1 1	1 1		1 1							1 1			
CT37690	Procurement - Rehab Existing 48" FM East of Opa Locka Airport	228	06-May-16 A	19-Dec-16 A	Procuremen	i i	i i	1 1	i i	1	AMIDOIL										
CT37750	Final Approvals (BCC, Mayor, Risk Mgmt.) - Rehab Existing 48" FM East of Opa Locka Airport	28	22-Nov-16 A	19-Dec-16 A			- 1	1 1	-1	1	East of On	al ocka Aimor									
Construction		361	21-Dec-16 A	16-Dec-17	Final Approx	VAIS_(.DC.C	16-Dec-17	Construction	טון באופו	JI (Q 4,Q _ FIV	LEAST OF OF	a LUCKA AII PUI		İ	11	-11		11			
CT37760	Contractor Notice to Proceed (NTP) - Rehab Existing 48" FM East of Opa Locka Airport	0	21-Dec-16 A		◆ Contractor	Notice to F	Proceed (NTP) - Rehah Evi	istina 48"	FM Fast	of Ona Lock	a '∆imort'	į	i i				1 1			
CT37770	Construction - Rehab Existing 48" FM East of Opa Locka Airport	271	21-Dec-16 A	17-Sep-17	Contractor	i i	nstruction - R	11 1	i i	i	1 1	1 1 1									
CT37780	Substantial Completion (CD Compliance Date 1/28/18) - Rehab Existing 48" FM East of Opa Locka Airport	0		17-Sep-17*			1 1	1 1	-	1 1	1 1	ehab Existing	IS" EM East	of Ond Lock	a Aimort			1 1			
CT40750	Project Closeout - Rehab Existing 48" FM East of Opa Locka Airport	90	18-Sep-17	16-Dec-17*		Ų Su								DI OPA LOCK	a Ailpoit						
Project Administration		734	14-Dec-15 A	16-Dec-17			▼ 16-Dec-17	Project Adn	ninistrați	טט ¦ ייפֿי-בים דואוי	- Francot Obs	Locka Airport		[<u> </u>	11	7		1	·j		
CT35381	WASD Project Administration - Rehab Existing 48" FM East of Opa Locka Airport	734	14-Dec-15 A	16-Dec-17			WASD Pm	iect Adminis	stration -	¦ Rehah Evi	; sting 48" FN	/ Fast of One	ocka Aimo	nt i							
4.10 (2) Opa-Locka	Airport 48" PCCP Force Main Replacement (Sections 1 and 2)	1155	17-Dec-14 A	13-Feb-18			13-Fe	b-18, 4.10 (2)	Opa-Loc	ka Airp ort	48" PCC P F	A East of Opa l orce Main Re	placement (Sections 1 a	nd 2)			11-			
Pre-Design		54	01-May-15 A	24-Jun-15 A	, Pre-Design						1					1		1 1			
CT22150	Negotiate Scope and Fee for Remaining Design - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	55	01-May-15 A	24-Jun-15 A	cone and Fee for Remaining Design	- Renlace	48" PCCP FI	M @ Onal oc	ka Aimo	rt (Section	s 1 & 2)										
Engineering Design		505	17-Dec-14 A	05-May-16 A	cope and Fee for Remaining Design 05-May-16 A, Engineering D	esign															
CT22140	Basis of Design Report (BODR) - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	184	17-Dec-14 A	18-Jun-15 A	sign Report (BODR) - Replace 48" PC	CP FM @	Opa-Locka A	Airport (Section	ons 1 & 2	3											
CT22160	30% Design Submittal - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	47	25-Jun-15 A	10-Aug-15 A	sign Submittal - Replace 48" PCCP		1 1	: :		'											
CT22170	30% Design Review - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	8	11-Aug-15 A	18-Aug-15 A	sign Review - Replace 48" PCCP FM		1 1	1 1													
CT22180	60% Design Submittal - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	91	15-Aug-15 A	13-Nov-15 A)% Design Submittal - Replace 48" P	- 1	- 1 1 1	i i	i i	2)											
CT22780	60% Design Review - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	7	14-Nov-15 A	20-Nov-15 A	0% Design Review - Replace 48" PC		- -	1 1	1 1												
CT22210	100% Design Submittal - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	124	21-Nov-15 A	23-Mar-16 A	100% Design Submittal - Repl		i i	1 1	1 1	1	2)										
CT37540	Engineering Design - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	506	17-Dec-14 A	05-May-16 A																	
Permitting		320	30-Jul-15 A	14-Jun-16 A	Engineering Design - Repla 14-Jun-16 A, Permitting		201-1141-02-01	DQ-LUCKEL-UK	MIL ILALUI		·			† <u>†</u>				1			
CT50240	RER (DERM) / FDEP Permit - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	13	31-Mar-16 A	12-Apr-16 A	RER (DERM) / FDEP Permit	- Replace	48" PCCP FI	M.@ Opa-Loc	ka Aimo	rt (Section:	s 1 & 2)		-					1 1			
CT37550	Permitting - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	321	30-Jul-15 A	14-Jun-16 A	Permitting Replace 48	1.0		1	1 1	1											
CT50250	FAA Permit - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	321	30-Jul-15 A	14-Jun-16 A	FAA Permit - Replace 48 26-Sep-16 A, Proc																
Procurement		145	04-May-16 A	26-Sep-16 A	26-Sep-16 A, Pro	curemient	2,200.200												-		
CT33101	Design Documents Sent to Procurement - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	0	04-May-16 A		◆ Design Documents Sent to	Procurem	nent - Replace	e 48" PCCP F	FM @ Op	a-Locka A	imont (Section	ons 1 & 2)									
CT33111	Submit/Approve SBD Goals and Request to Advertise - Replace 48" PCC P FM @ Opa-Locka Airport (Sections 1 & 2)	24	04-May-16 A	27-May-16 A	■ Submit/Approve SBD Goa	1	1 1	1 1	1 - 1		11 11	1 1 1	ons 1 & 2)								- 1
CT33121	Advertise Bid Package - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	0	16-Jun-16 A		◆ Adveitise Bld Package		1 1	1 1			1 1		, , , , , ,								
CT33131	Bid Solicitation Period - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	53	16-Jun-16 A	07-Aug-16 A	Bid Solipitation Perio			: :	1 1		: :										
CT33141	Bids Due - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	0	08-Aug-16 A		◆ Bids Due - Replace		1 1	1 1													
CT33151	Bid Review Period - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	15	08-Aug-16 A	22-Aug-16 A	■ Bid Review Period		1 1				1 & 2)										
CT33161	Award Recommendation - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	0		22-Aug-16 A	◆ Award Recommend	1	1 1	1 1	1 1		1 1	2)									
CT37580	Procurement - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	146	04-May-16 A	26-Sep-16 A	Procurement - Re	i i	i i	1 1	i i	i	i i	-1									
CT33171	Final Approvals (BCC, Mayor, Risk Mgmt.) - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	35	23-Aug-16 A	26-Sep-16 A	1 : : : : : !			11	11 1												
Construction	This report to the second residence is a second residence of the second residence is a second residence of the second residence is a second residence of the second residence is a second residence in the sec	490	12-Oct-16 A	13-Feb-18	Final Approvals (F	BCC, May	or, Risk Mgm 13-Fe	t.) - Replace b-18, Constru	48" PCC	Р FM @ О	pa-Locka A	mort (Sections	1 & 2)	 				+			
CT33181	Contractor Notice to Proceed (NTP) - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	490	12-Oct-16 A	13-1 60-10					1 1		ll						-	1 1			i
CT37560	Construction - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	400	12-Oct-16 A	15-Nov-17	◆ Contractor Notic	e to Proce	1 1	i i	i i	- ;	1 1	i i i	· i								
CT37570	Substantial Completion (CD Compliance Date 1/28/18) - Replace 48" PCCP FM @ Opa-Locka Airpott (Sections 1 & 2)	0	12-001-10A	09-Jan-18*			i i	i i	1 1	i	1 1	port (Sections	i					1 1			
CT40760	Project Closeout - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	90	16-Nov-17	13-Feb-18*	-	_						/18) - Replace:			ocka Airport	(Sections	1&:2)				
Project Administration	Trojunt crosscute Propriate 40 1 001 Pilling Opta Education (Constitution Fall 2)	1155		13-Feb-18			Project 13-Fe	t Closeout - b-18. Proiect	Replace Adminis	.48" PCCP. tration	FM_@;Opa	Locka Aimott	(Sections 1	& 2)							
CT35371	WASD Project Administration - Replace 48" PCCP FM @ Opa-Locka Airport (Sections 1 & 2)	1155	17-Dec-14 A	13-Feb-18	-		1 1	1 1	1 1	1	1	1 1 1		1 1							
	" FM Along NW 159th St. from NW 57th St. to NW 54th St.	764		09-Apr-18	V)-Apr-18, 4.10	nınıstratı) (3) Repl	on - Repla ace 16" FN	oe 48" PCC // Along NW	P FM @ Opa-L 159th St. from	ocka Airpor i NW 57th S	t (Sections 1 t. to NW 54t	&.2)			11-			
Pre-Design	This Ability (17 100 th of the best of the of the best of the of the best of the of the best of the be	114	07-Mar-16 A	29-Jun-16 A	29-Jun-16 A, Pre-Design	n :			-[]-		ļ <u>]</u>			 				+			
CT50000	Pre- Design - 4.10 (3)	115	07-Mar-16 A	29-Jun-16 A																	
Engineering Design	1.	132	11-May-16 A	20-Sep-16 A	Pre- Design - 4, 10 (3) 20-Sep-16 A, Engi	ineering D	esign				 							11-			
CT50010	Engineering Design - 4.10 (3)	133	11-May-16 A	20-Sep-16 A	1 : : : : :	;	- 1														
Permitting		104	10-Sep-16 A	23-Dec-16 A	Engineering Design 23-Dec-16	A, Permitti	ing	·			† 			 	jj			j			
CT50260	FDOT Utility Permit - 4.10 (3)	42	10-Sep-16 A	21-Oct-16 A	FDOT Utility Per	1	- 1														
CT50280	DERM Sewer Permit - 4.10 (3)	72	21-Sep-16 A	01-Dec-16 A	DERM Sewe		i i														
CT50020	Permitting - 4.10 (3)	95	20-Sep-16 A	23-Dec-16 A		1 1	4.10 (3)														
CT50270	City Of Miami Gardens Public Works Permit - 4.10 (3)	94	21-Sep-16 A	23-Dec-16 A	Permitting		DUE III	dia Dani "	140.00												
Procurement	· · · · · · · · · · · · · · · · · · ·	228	28-Nov-16 A	13-Jul-17	City Of Mia	uni Garder ▼ 13-Jul-	is rublic Wo 17, Procurem	iks Permit - 4 ent	ะเท (3)		· 			ļ	†			ļ		+	
CT80070	Design Documents Sent to Procurement - 4.10 (3)	0	28-Nov-16 A						1 1												
CT80150	Phase I Procurement (Emergency Project) - 4.10 (3)	6	30-Nov-16 A	05-Dec-16 A	◆ Design Docu				1 1				i						i		į
CT80080	Submit/Approve SBD Goals and Request to Advertise - 4.10 (3)	57	28-Nov-16 A	23-Jan-17 A	I Phase I Proc			17 1	7 1	4 45 (5)									- 1		
CT80090	Advertise Bid Package - 4.10 (3)	0			Submit/A				avenise	- 4.1U(3)	1 1		į						i		
0100000	navorable Dra i derrage - 4.10 (0)	U	27-001F11 A		◆ Advertise	Bid Pack	ade - 4.10 (3)	1 1	<u> </u>		1 i	1 1		<u> </u>	<u>: : : : : : : : : : : : : : : : : : : </u>			1 1	<u> </u>		

/ID	cree Schedule - June 2017 Update Activity Name	Original	Start	Finish	yout w Baseline (By Phase) 14-Jul-17 12:24 - Page No. 5
, 15	nounty rune	Duration	Otalt	11111011	Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1
CT80100	Bid Solicitation Period - 4.10 (3)	35	24-Jan-17 A	27-Feb-17 A	
CT80110	Bids Due - 4.10 (3)	0	28-Feb-17 A		Bid Solicitation Petrod - 4.10 (3)
CT80120	Bid Review Period - 4.10 (3)	22		21-Mar-17 A	A Bids Que - 4:10 (3); A Bids Que - 4:10 (3);
CT80130	Award Recommendation - 4.10 (3)	0		21-Mar-17 A	Bia Review Penod - 4.10 (3)
CT50030	Procurement - 4.10 (3)	187	28-Nov-16 A	13-Jul-17	▼ Award Recommendation - 4. to (3)
CT80140	Final Approvals (BC C, Mayor, Risk Mgmt.) - 4.10 (3)	73		13-Jul-17	Procurement - 4.10 (3)
CT80500	P.O. Issued -4.10 (3)	0		13-Jul-17	Final Approvals (BCC) Mayor, Risk Mgmt.) - 4.10 (3)
Construction	1.0.100000 4.10 (0)	490	06-Dec-16 A	09-Apr-18	P.O. Issued - 4.10 (3)
CT80160	Phase I Construction (Emergency Project) - 4.10 (3)	60	06-Dec-16 A	03-Feb-17 A	
CT80380	Contractor Notice to Proceed (NTP) - (Remaining Scope of Work) - 4.10 (3)	0	14-Jul-17*		Phase I Construction (Emergency Project) - 4-10 (3)
CT50040	Construction - 4.10 (3)	359	06-Dec-16 A	09-Jan-18	♦ Contractor Notice to Proceed (NTP) - (Remaining Scope of Work) - 4.10 (3)
CT80170	· · ·	180	14-Jul-17	09-Jan-18	Construction - 4(10 (3))
	Construction (Remaining Scope of Work) - 4.10 (3)	100	14-Jul-17		Construction (Remaining Scope of Work) - 4.10 (3)
CT50050	Substantial Completion (Not Consent Decree) - 4.10 (3)	0	10 1 10	09-Jan-18	Substantial Completion (Not Consent Decree) ₹4.10 (3)
CT50060	Project Closeout - 4.10 (3)	90	10-Jan-18	09-Apr-18	Project Gloseour - 4.10 (3)
· , ·	Air port Concessions Project	1700	12-Oct-16 A	07-Jun-21	
Pre-Design		277	12-Oct-16 A	13-Jul-17	
CT80000	Pre- Design - 4.10 (4)	277	12-Oct-16 A	13-Jul-17	
Engineering Design	F B	150	14-Jul-17	10-Dec-17	
CT80010	Engineering Design - 4.10 (4)	150	14-Jul-17	10-Dec-17	
Permitting	Dem: (#far. 440/4)	365	11-Dec-17	10-Dec-18	-
CT80020	Permitting - 4.10 (4)	365	11-Dec-17	10-Dec-18	;remuug :4.w (#j;;;;;;;;;;
Procurement	December 4.40 (4)	270	11-Dec-18	06-Sep-19	Vo->ep-19, #rocurement
CT80030	Procurement - 4.10 (4)	270	11-Dec-18	06-Sep-19	
Construction		640	07-Sep-19	07-Jun-21	
CT80040	Construction - 4.10 (4)	550	07-Sep-19	09-Mar-21	Construction - 4.10 (4)
CT80050	Substantial Completion (Not Consent Decree) - 4.10 (4)	0		09-Mar-21	i i i i i i i i i i i i i i i i i i i
CT80060	Project Closeout - 4.10 (4)	90	10-Mar-21	07-Jun-21	Project Closeout -4.10.(4). ✓ 26-Sep-19, 5. Sewer Pump Station System
Sewer Pump S	Station System	3286	12-Dec-10 A	26-Sep-19	
01 Upgrade of PS	S#0418	1850	01-Nov-13 A	24-Nov-18	▼ 24-Nov-18, 5;01 Upgrade of PS#0418
Engineering De sign		217	01-Nov-13 A	06-Jun-14 A	
PS51540	EPA Start Date for Engineering Design - Upgrade PS#0418	0	01-Nov-13 A		
PS10040	Engineering Design - Upgrade PS#0418	192		12-May-14 A	#0418
PS50820	EPA Compliance Date for Engineering Design - Upgrade PS#0418	0	0111011071	06-Jun-14 A	
Permitting	2.77 Comprising Date to Engineering Doorgh Opgrade 1 5/10 110	395	14-Jul-14 A	13-Aug-15 A	Design - upgrade PS#04.to
PS51550	EPA Start Date for Permitting - Upgrade PS#0418**	0	14-Jul-14 A	107tag 107t	
PS50830	EPA Compliance Date for Permitting - Upgrade PS#0418**	0		17-Jun-15 A	ade PS#0418** A
PS10190	Permitting - Upgrade PS#0418	389	21-Jul-14 A	13-Aug-15 A	ance Date for Penintung - Opgrade 15-90418
	remitting - opgiate romotio	364	07-Jun-15 A	05-Jun-16 A	[9. TF9:TT: Tinning 1.
Procurement PS51560	EPA Start Date for Procurement - Upgrade PS#0418**	0	07-Jun-15 A	05-5un-10 A	
PS32740	Design Documents Sent to Procurement	0	18-Sep-15 A		te for Proculement - Upgrade PS#04 8**
PS32750	<u> </u>	42	•	20 Oct 15 A	n Doçuments Sent to Procurement
	Submit/Approve SBD Goals and Request to Advertise - Upgrade PS#0418	42	18-Sep-15 A	29-Oct-15 A	bmit/Approve SBD Goals and Request to Advertise - Upprade PS#0418
PS32770	Advertise Bid Package - Upgrade PS#0418	50	30-Oct-15 A	10.0 15.4	vertise Bid Packade - Undrade PS#0∯18
PS32780	Bid Solicitation Period - Upgrade PS#0418	50		18-Dec-15 A	A Bid Solicitation Period - Upgrade PS#0418
PS32790	Bids Due - Upgrade PS#0418	0	18-Dec-15 A		Bids Due - Upgrade PS#0418
PS32800	Bid Review Period - Upgrade PS#0418	98	19-Dec-15 A	25-Mar-16 A	Bid Review Period - Opprade P5#0416 ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
PS32810	Award Recommendation - Upgrade PS#0418	0		25-Mar-16 A	Wald Recommendation - Opgrade i= 3#0418
PS10360	Procurement - Upgrade PS#0418	289	13-Aug-15 A	27-May-16 A	
PS32820	Final Approvals (BCC, Mayor, Risk Mgmt.) - Upgrade PS#0418	63	26-Mar-16 A	27-May-16 A	Titlal Appliovals (DCC, Mayor, New Might) - Opgrade 1 3+0+10;
PS50840	EPA Compliance Date for Procurement - Upgrade PS#0418	0		05-Jun-16 A	A ◆ EPA Compliance Date for Producement - Ungrade PS#0418
Construction		911		24-Nov-18	▼ 24-Nov-18, Construction
PS32830	Contractor Notice to Proceed (NTP) - Upgrade PS#0418	0	28-May-16 A		◆ Contractor Notice to Prodeed (NTP) - Upgrade PS#0418
PS51570	EPA Start Date for Construction - Upgrade PS#0418	0	06-Jun-16 A		◆ EPA Start Date for Construction - Upgrade PS#0418
PS11111	City of Hialeah Completes Reroute of Gravity Mains from PS#418 to PS#200	0		17-Nov-16 A	
PS10550	Construction - Upgrade PS#0418	724	28-May-16 A	21-May-18	
PS10830	Substantial Completion (CD Compliance Date 11/24/18) - Upgrade PS#0418	0		21-May-18*	
PS40770	Project Closeout - Upgrade PS#0418	40	22-May-18	30-Jun-18*	
PS50850	EPA Compliance Date for Construction - Upgrade PS#0418	0	•	24-Nov-18*	
Project Administration		1703	01-Nov-13 A	30-Jun-18	▼ EPA Optimizance date for Construction - Optiade PS#0416
PS35360	WASD Project Administration - Upgrade PS#0418	1703	01-Nov-13 A	30-Jun-18	
2 Upgrade of PS		1638	04-Aug-14 A	27-Jan-19	WASD HOJECLAUTHUISTIALIDI - Upujade PS#04 10
	O				
Pre-Design PS20010	Dre Decian Lingrade PS#0601	112		24-Nov-14 A	
	Pre-Design - Upgrade PS#0691	113		24-Nov-14 A	W0X.bbbbbbb
Engineering Design	EPA Start Date for Engineering Design Unample PS#0601**	703		09-Sep-16 A	
PS51580	EPA Start Date for Engineering Design - Upgrade PS#0691**	0	07-Oct-14 A	24 14 15 1	g Design - Upgrade PS#0691**
PS10120	Engineering Design - Upgrade PS#0691	126	26-Nov-14 A	31-Mar-15 A	
PS31230	Design (City of Homestead) - Upgrade PS#0691	86	05-Jan-15 A	31-Mar-15 A	prifestead) - Opgrade PS#0091
PS20000	Basis of Design Report (BODR) - Upgrade PS#0691	178		22-May-15 A	
PS31180	BODR Review Period - Upgrade PS#0691	26	25-May-15 A	19-Jun-15 A	A bw Period - Upgrade PS#0691



ty ID	ree Schedule - June 2017 Update Activity Name	Original	Start	Standard Layo	out w Baseline (By Phase) 14-Jul-17 12:24 - Page No. 61 of 2016 2017 2018 2019 2020 2021 2022 2023 202
y ID	Activity Name	Duration	Start	11111511	Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q2 Q3 Q4 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1 Q1
Engineering Design		540	07-Oct-14 A	30-Mar-16 A	→ 30-Mar-16 Å, Engineering Design
PS51660	EPA Start Date for Engineering Design - PS#0414**	0	07-Oct-14 A	12 May 15 A	g Design - PS#0414**
PS50940 PS20001	EPA Compliance Date for Engineering Design - PS#0414** Basis of Design Report (BODR) - PS#0414	114	09-Feb-15 A	13-May-15 A 02-Jun-15 A	ce Date for Engineering Design - PS#0414**
PS20011	BODR Review Period - PS#0414	34	03-Jun-15 A	06-Jul-15 A	ign Report (BODR) - PS#0414
PS31250	Negotiate Scope & Fee of Remaining Design - PS#0414	153	08-Jul-15 A	07-Dec-15 A	iew Period ÷ PS#0#14
PS20021	30% Design Submittal - PS#0414	74		11-Dec-15 A	Negoțiate Scope & Fee of Remaining Design - P\$#0414
PS20031	30% Design Review - PS#0414	12		23-Dec-15 A	_30% Design Submittal - PS#0414
PS20041	60% Design Submittal - PS#0414	47	24-Dec-15 A	08-Feb-16 A	30% Design Review - PS#0414
PS20051	60% Design Review - PS#0414	22	08-Feb-16 A	29-Feb-16 A	■ 60% Design Şubmi(tal - P\$#0414
PS10100	Engineering Design - PS#0414	416	09-Feb-15 A	30-Mar-16 A	bu% Design Review - PS#0414 Engineering Design - PS#0414
PS20061	100% Design Submittal - PS#0414	45	15-Feb-16 A	30-Mar-16 A	100% Design Sthmittell BS#0444
Permitting		794	14-May-15 A	15-Jul-17	. I 100% Design Submittal - PS#0414. 15;jul-17, Permitting
PS51670	EPA Start Date for Permitting - PS#0414**	0	14-May-15 A		for Permitting - PS#0414**
PS50370	DERM Permit Submittal - PS#0414	0	25-May-16 A		♦ DERM Pemit Submittal PS#0414
PS50390	Dem Permit Submittal Review - PS#0414	16	25-May-16 A	09-Jun-16 A	■ Dermi Permit Submittal Review - PS#0414
PS50430	A/E Prepares/Submits Responses to DERM Permit Submittal - PS#0414	14	10-Jun-16 A	23-Jun-16 A	■ A/E Prepares/Submits Responses to DERM Permit Submittal - PS#0414
PS50380	Municipality Bldg. Dept. Submittal - PS#0414	0	30-Sep-16 A		♦ Municipality Bldg. Dept. Submittal - PS#0414
PS50410	Municipality Bldg. Dept. Submittal Review - PS#0414	31	30-Sep-16 A	30-Oct-16 A	Municipality Bldg. Dept. Submittal Review - PS#041/4
PS50450	DERM Permit Approval - PS#0414	166	30-Jun-16 A	12-Dec-16 A	DERM Permit Approval -PS#0414
PS50440	A/E Prepares/Submits Responses to Municipality Bldg. Dept. Submittal - PS#0414	140	30-Nov-16 A	18-Apr-17 A	A/L Prepares/Submits Responses to Municipality Bligg. Dept. Submittal - PS#0414
PS10250	Permitting - PS#0414	395	25-May-16 A	15-Jun-17 A	Permitting - PS#0414
PS50460	Municipality Bldg. Dept. Submittal Approval - PS#0414	66	19-Apr-17 A	15-Jun-17 A	Municipality Bldg, Dept, Submittal Approval - PS#0414
PS50950	EPA Compliance Date for Permitting - PS#0414	0		15-Jul-17*	
Procurement PS51680	EPA Start Date for Procurement - PS#0414**	800	08-Jun-15 A 08-Jun-15 A	15-Aug-17	
PS32290	Design Documents Sent to Procurement - PS#0414	0	15-Nov-16 A		te for Procujement - PS#0414**
PS32300	Submit/Approve SBD Goals and Request to Advertise - PS#0414	127	15-Nov-16 A	21-Mar-17 A	◆ Design Documents Sent to Procurement - PS#0414
PS32310	Advertise Bid Package - PS#0414	0	22-Mar-17 A	Z I - Wiai - I / A	Submit/Approve \$BD Goals and Request to Advertise - PS#0414
PS32320	Bid Solicitation Period - PS#0414	36	22-Mar-17 A	26-Apr-17 A	Advertise Bid Package - PS#0414
PS32330	Bids Due - PS#0414	0	27-Apr-17 A	20701177	Bibl Solicitation Period - PS#0414
PS32340	Bid Review Period - PS#0414	58	27-Apr-17 A	07-Jul-17	♦ Bibs Due - PS#0414
PS32350	Award Recommendation - PS#0414	0		07-Jul-17	Bid Review Period - P\$#0414 Award Recommendation - PS#0414
PS10420	Procurement - PS#0414	251	15-Nov-16 A	07-Aug-17	Procurement PS#0414
PS32360	Final Approvals (BCC, Mayor, Risk Mgmt.) - PS#0414	31	08-Jul-17	07-Aug-17	Final Approvals (BCC, Mayor, Risk Mgmt.) - PS#0414
PS50960	EPA Compliance Date for Procurement - PS#0414	0		15-Aug-17*	
Construction		360	08-Aug-17	02-Aug-18	
PS32370	Contractor Notice to Proceed (NTP) - PS#0414	0	08-Aug-17		◆ Contractor Notice to Proceed (NTP) - P\$#0414
PS51690	EPA Start Date for Construction - PS#0414	0	16-Aug-17*		◆ EPA Start Date for Construction - PS#0414
PS50970	EPA Compliance Date for Construction - PS#0414	0		09-May-18*	◆ EPA Compliance Date for Construction - PS#0414
PS10610	Construction - PS#0414	300	08-Aug-17	03-Jun-18	Construction - PS#0414
PS10770	Substantial Completion (CD Compliance Date 5/09/18) - PS#0414	0		03-Jun-18*	◆ Substantial Completion (CD Compliance Date 5/09/18) - PS#0414
PS40800	Project Closeout - PS#0414	60	04-Jun-18	02-Aug-18*	Project Closeout - PS#0414 02-Aug-18, Project Administration
Project Administration		1286	09-Feb-15 A	02-Aug-18	▼ 02-Aug-18, Project Administration
PS35330	WASD Project Administration - PS#0414	1286	09-Feb-15 A	02-Aug-18	WASD Project Administration - PS#0414. ✓ 27-Jan-19, 5.05 Replacement of Switchgear and Rehabilitation of Wetwell PS#0415
•	of Switchgear and Rehabilitation of Wetwell PS#0415	1643	10-Aug-14 A	27-Jan-19	▼ 2/Vair (s. 5.0) Replacement of Switchgear and Renabilitation of Wewell F/S#04(5)
Pre-Design	Des Decies DOWA45	133		06-Feb-15 A	
PS20250 Engineering De sign	Pre-Design - PS#0415	134	26-Sep-14 A 07-Oct-14 A	06-Feb-15 A 30-May-16 A	5. 30-May-16 AÇ Engineering Design
PS51700	EPA Start Date for Engineering Design - PS#0415**	0	07-Oct-14 A 07-Oct-14 A	30-iviay-10 A	
PS20002	Basis of Design Report (BODR) - PS#0415	127	09-Feb-15 A	15-Jun-15 A	g Design - PS#0415**
PS20012	BODR Review Period - PS#0415	120	16-Jun-15 A	13-Oct-15 A	sign Report (BODR) - PS#0415
PS31260	Negotiate Scope & Fee of Remaining Design - PS#0415	134	27-Jul-15 A	07-Dec-15 A	DR Review Period - PS#0415
PS20022	30% Design Submittal - PS#0415	76	14-Oct-15 A	28-Dec-15 A	Negotiate Scope & Fee of Remaining Design - P\$#0415
PS20032	30% Design Review - PS#0415	14	29-Dec-15 A	11-Jan-16 A	30% Design Submittal: -PS#0415
PS20042	60% Design Submittal - PS#0415	46	12-Jan-16 A	26-Feb-16 A	30% Design Review - PS#0415
PS20052	60% Design Review - PS#0415	14	27-Feb-16 A	11-Mar-16 A	60% Design Submittal - PS#0415
PS50980	EPA Compliance Date for Engineering Design - PS#0415**	0		24-Apr-16 A	■ 60% Design Review - P\$#0415
PS10110	Engineering Design - PS#0415	477	09-Feb-15 A	30-May-16 A	► EPA Compliance Date for Engineering Design - PS#0415** Engineering Design - PS#0415:
PS20062	100% Design Submittal - PS#0415	80	12-Mar-16 A	30-May-16 A	
Permitting		1117	10-Aug-14 A	30-Aug-17	. 100% Design Submittal - PS#0415. 7 30-Aug-17, Permitting
PS51710	EPA Start Date for Permitting - PS#0415**	0	10-Aug-14 A		#0415**
PS50250	DERM Permit Submittal - PS#0415	0	31-May-16 A		#0415
PS50270	Dem Permit Submittal Review - PS#0415	62		01-Aug-16 A	Dem Permit Submittal F PS#0415 Dem Permit Submittal Review - PS#0415
PS50310	A/E Prepares/Submits Responses to DERM Permit Submittal - PS#0415	31	02-Aug-16 A	01-Sep-16 A	
PS50260	Municipality Bldg. Dept. Submittal - PS#0415	0	28-Sep-16 A	· .	★ Are Prepares/Submits Responses to DERM Permit Submittal - PS#0415 ★ Municipality Bldb. Dept. Submittal - PS#0415
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	ree Schedule - June 2017 Update				ut w Baseline (By Phase)	14-Jul-17 12:24 - Page No.
ID	Activity Name	Original Duration	Start	Finish	2016 2017 2018 2019	
DOTOGO	Maria Pia Pia Pa a de a vira Pa a de Porto Arte		00.0 40.4	01.0 17.0	Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3	Q3 Q4 Q1 Q2 Q3 Q4<
PS50290	Municipality Bldg. Dept. Submittal Review - PS#0415	186	· ·	01-Apr-17 A	Municipality Bldg. Dept. Submittal Review - PS#0415	
PS50320	A/E Prepares/Submits Responses to Municipality Bldg. Dept. Submittal - PS#0415	34	02-Apr-17 A	05-May-17 A	A E Prepares/Submits Responses to Municipality Bldg	lg. Dept. Submittal - PS#0415
PS10270	Permitting - PS#0415	365	31-May-16 A	30-May-17 A	Permitting - PS#0415	
PS50340	Municipality Bldg. Dept. Submittal Approval - PS#0415	25	06-May-17 A	30-May-17 A	Municipality Bldg. Dept. Submittal Approval - PS#041	115
PS50990	EPA Compliance Date for Permitting - PS#0415	0		30-Aug-17*	◆ EPA Compliance Date for Permitting - PS#041. ▼ 15-Oct-17, Procurement	
Procurement		332	17-Nov-16 A	15-Oct-17	▼ 15-Oct-17, Procurement	
PS32380	Design Documents Sent to Procurement - PS#0415	0	17-Nov-16 A		◆ Design Documents Sent to Produrement - P\$#0415	
PS51720	EPA Start Date for Procurement - PS#0415	0	03-Dec-16 A		◆ EPA Start Date for Procusement - PS#0415	
PS32390	Submit/Approve SBD Goals and Request to Advertise - PS#0415	216	17-Nov-16 A	01-Jun-17 A	Submit/Approve SBD Goals and Request to Advertise	co DS#0.415
PS32400	Advertise Bid Package - PS#0415	0	02-Jun-17 A			æ - F3#U415
PS32410	Bid Solicitation Period - PS#0415	30	02-Jun-17 A	12-Jul-17	◆ Advertise Bid Package - PS#0415	
PS32420	Bids Due - PS#0415	0	13-Jul-17	12 001 17	Bid Solicitation Period - PS#0415	
		-		07 1:1 47	◆ Bids Due - PS#0415	
PS32430	Bid Review Period - PS#0415	15	13-Jul-17	27-Jul-17	☐ Bid Review Period - PS#0415	
PS32440	Award Recommendation - PS#0415	0		27-Jul-17	◆ Award Recommendation - PS#0415	
PS10440	Procurement - PS#0415	303	17-Nov-16 A	31-Aug-17	Procurement - PS#0415	
PS32450	Final Approvals (BCC, Mayor, Risk Mgmt.) - PS#0415	35	28-Jul-17	31-Aug-17	Final Approvals (BCC, Mayor, Risk Mamt.) - PS	VS#0415
PS51000	EPA Compliance Date for Procurement - PS#0415	0		15-Oct-17*		
Construction		514	01-Sep-17	27-Jan-19	◆ EPA Compliance Date for Ptocurement . PS 27, Jan-19,	Construction
PS32460	Contractor Notice to Proceed (NTP) - PS#0415	0	01-Sep-17		◆ Contractor Notice to Proceed (NTP) - PS#0415	
PS51730	EPA Start Date for Construction - PS#0415	0	16-Oct-17*			
PS10640	Construction - PS#0415	420	01-Sep-17	25-Oct-18	◆ EPA Start Date for Construction - PS#0415	on-PS#0415
PS10870	Substantial Completion (CD Compliance Date 1/27/19) - PS#0415	0	0. cop	25-Oct-18*		
	, , , ,	60	26 Oct 19	-	◆ Substantial Comp	pletion (CD Compliance Date 1/27/19) - PS#0415
PS40000	Project Closeout - PS#0415		26-Oct-18	24-Dec-18*	Project Close	eout- PS#0415
PS51010	EPA Compliance Date for Construction - PS#0415	0		27-Jan-19*	◆ EPA Compl	pliance Date for Construction - PS#0415 Project Administration
Project Administration		1460	09-Feb-15 A	24-Dec-18	✓ 24-Dec-18; Pr	roject Administration
PS35320	WASD Project Administration - PS#0415	1460	09-Feb-15 A	24-Dec-18	WASD Project	ect Administration - PS#0415 acement of Switchgear PS#0416
06 Replacement	of Switchgear PS#0416	1400	07-Oct-14 A	06-Aug-18	▼ 06-Aug-18, 5.06 Replace	acement of Switchgear PS#0416
Pre-Design		110	18-Oct-14 A	05-Feb-15 A	ign	
PS20260	Pre-Design - PS#0416	111	18-Oct-14 A	05-Feb-15 A		
Engineering Design		595	07-Oct-14 A	24-May-16 A	24-May-16 A, Engineering Design	
PS51740	EPA Start Date for Engineering Design - PS#0416**	0	07-Oct-14 A	2 / may 1071		
PS51020	EPA Compliance Date for Engineering Design - PS#0416**	0		13-May-15 A	g Design - PS#0416**	
PS30600	Basis of Design Report (BODR) - PS#0416	117	06-Feb-15 A	02-Jun-15 A	ce Date for Engineering Design - PS#0416**	
	<u> </u>				ign Report (BODR) - PS#0416	
PS30610	BODR Review Period - PS#0416	34	03-Jun-15 A	06-Jul-15 A	iew Period - PS#0416	
PS31270	Negotiate Scope & Fee of Remaining Design - PS#0416	153	08-Jul-15 A	07-Dec-15 A	Negotiate Scope & Fee of Remaining Design - P\$#0416	
PS30620	30% Design Submittal - PS#0416	77	29-Sep-15 A	14-Dec-15 A	30% Design Submittal - PS#0416	
PS30630	30% Design Review - PS#0416	10	15-Dec-15 A	24-Dec-15 A	30% Design Review - PS#0416	
PS30640	60% Design Submittal - PS#0416	46	25-Dec-15 A	08-Feb-16 A	60% Design Submittal - PS#0416	
PS30650	60% Design Review - PS#0416	21	09-Feb-16 A	29-Feb-16 A	60% Design Review - PS#0416	
PS10080	Engineering Design - PS#0416	474	06-Feb-15 A	24-May-16 A	Engineering Design - PS#0416	
PS30660	100% Design Submittal - PS#0416	99	16-Feb-16 A	24-May-16 A		
	100% Beergi Cubinitua 1 0//0410			-	.100% Design Submittal .PS#0416 31.May-17 A, Permitting	
Permitting PS51750	EPA Start Date for Permitting - PS#0416**	778	14-May-15 A 14-May-15 A	31-May-17 A		
	·	-			for Permitting - P\$#0416**	
PS50130	DERM Pemit Submittal - PS#0416		25-May-16 A		◆ DERM Permit Submittal PS#0416	
PS50150	Dem Pemit Submittal Review - PS#0416	23		16-Jun-16 A	■ Dem Pemit Submittal Review - PS#0416	
PS50190	A/E Prepares/Submits Responses to DERM Permit Submittal - PS#0416	77		01-Sep-16 A	A/E Prepares/Subraits Responses to DERM Permit Submittal - PS#041	16
PS50120	Bldg. Dept. Permit Submittal - PS#0416	0	29-Sep-16 A		♦ Bldd. Dept. Permit Submittal - PS#0416	
PS50160	Bldg. Dept. Permit Submittal Review - PS#0416	55	29-Sep-16 A	22-Nov-16 A	Bldg. Dept. Permit Submittal Review - PS#0416	
PS50210	DERM Permit Approval - PS#0416	104	02-Sep-16 A	14-Dec-16 A	DERM Permit Approval - PS#0416	
PS50180	A/E Prepares/Submits Responses to Bldg. Dept. Permit Submittal - PS#0416	144	23-Nov-16 A	15-Apr-17 A		# C. hr.; Hal. DOWA4C
PS10230	Permitting - PS#0416	351	24-May-16 A	09-May-17 A	A/If Prepares/Submits Responses to Bldg. Dept. Permit	i Supititua - PS#U410
PS50230	Bldg. Dept. Permit Approval - PS#0416	24	•	09-May-17 A		
	<u> </u>	0	· ·	-	■ Bidg. Dept. Permit Approval - PS#0416	
PS51030	EPA Compliance Date for Permitting - PS#0416			31-May-17 A	◆ EPA Compliance Date for Permitting - PS#0416 ▼ 15-Aug-17, Procurement	
Procurement	EDA Otad Data for Description of DOWN 10**	800	08-Jun-15 A	15-Aug-17		
PS51760	EPA Start Date for Procurement - PS#0416**	0	08-Jun-15 A		te for Procurement - PS#0416**	
PS32470	Design Documents Sent to Procurement - PS#0416	0	15-Nov-16 A		◆ Design Documents Sent to Produrement - P\$#0416	
PS32480	Submit/Approve SBD Goals and Request to Advertise - PS#0416	127	15-Nov-16 A	21-Mar-17 A	Submit/Approve \$BD Goals and Request to Advertise - PS	×S#0416
PS32490	Advertise Bid Package - PS#0416	0	22-Mar-17 A		♦ Advertise Bid Package - PS#0416	
PS32500	Bid Solicitation Period - PS#0416	36	22-Mar-17 A	26-Apr-17 A	Bid Solicitation Period - PS#0416	
PS32510	Bids Due - PS#0416	0	27-Apr-17 A	· .		
PS32510	Bid Review Period - PS#0416	41	· · · · · · · · · · · · · · · · · · ·	06-Jun-17 A	◆ Bids Duệ - PS#0416	
			21-Api-11 A	_	Bid Review Period - PS#0416	
PS32530	Award Recommendation - PS#0416	0		06-Jun-17 A	◆ Award Recommendation - PS#0416	
PS10400	Procurement - PS#0416	234	15-Nov-16 A	12-Jul-17	Procurement - PS#0416	
PS32540	Final Approvals (BCC, Mayor, Risk Mgmt.) - PS#0416	30	07-Jun-17 A	12-Jul-17	Final Approvals (BC C, Mayor, Risk Mgmt.) - PS#0	0416
PS51040	EPA Compliance Date for Procurement - PS#0416	0		15-Aug-17*		
Construction		390	13-Jul-17	06-Aug-18	◆ EPA Compliance Date for Procurement - PS#04 06-Aug-18, Construction	on i i i i i i i i i i i i i i i i i i i
Construction						

D Consent De	ecree Schedule - June 2017 Update Activity Name	Original	Start	Finish	out w Baseline	(=)	2017	1 3	2018		2019		2020		2021		2022		2023 2023	J = 1.0.
	Activity Name	Duration	Otart	11111311	Q1 Q2 Q3	Q4 Q1								4 Q1		Q4 Q1		Q4 Q1		Q4
PS51770	EPA Start Date for Construction - PS#0416	0	16-Aug-17*					PA Start Date for	-											
PS10590	Construction - PS#0416	300	13-Jul-17	08-May-18	1		Ž		Construction											
PS10780	Substantial Completion (CD Compliance Date 5/09/18) - PS#0416	0		08-May-18*	7				Substantial (Completion	n (CD Compli	ance Date 5//	nd/18) ₋ ÞS#(0416						
PS51050	EPA Compliance Date for Construction - PS#0416	0		09-May-18*	1			!!!!	1 1		for Constructi	1 1	!!!	0410						1 1
PS40810	Project Closeout - PS#0416	90	09-May-18	06-Aug-18*				Ţ	1 1	1 1	1 1	1 1	'							
Project Administration	n	1272	06-Feb-15 A	06-Aug-18		<u> </u>		<u></u>	06-Aug	g-18, Projec	- P\$#0416 ct Administrat	tion							·†	
PS35310	WASD Project Administration - PS#0416	1272	06-Feb-15 A	06-Aug-18					- WASD	Droject Ac	lm injetmtion	DS#0416						- 1		1 1
7 Replacemen	nt of Switchgear and Rehabilitation of Wetwell PS#0417	1633	10-Aug-14 A	27-Jan-19					WASD	27-Ja	lministration. an-19, 5.07 R	eplacement	of Switchgea	r and Reh	abilitation o	f Wetwell PS	#0417		·i····i···	
Pre-Design		128	30-Sep-14 A	05-Feb-15 A	ign	++													· 	
PS20270	Pre-Design - PS#0417	129	30-Sep-14 A	05-Feb-15 A	-L'															1 1
Ingineering Design		601	07-Oct-14 A	30-May-16 A	30-Ma	ay-16 A, Engin	eering Des	gn												
PS51780	EPA Start Date for Engineering Design - PS#0417**	0	07-Oct-14 A		Dodien DO#04	147**														
PS30670	Basis of Design Report (BODR) - PS#0417	130	06-Feb-15 A	15-Jun-15 A	g Design - PS#04	1 1 1														
PS30680	BODR Review Period - PS#0417	120	16-Jun-15 A	13-Oct-15 A	sign Report (BOD	i' i i														
PS31280	Negotiate Scope & Fee of Remaining Design - PS#0417	147	23-Jul-15 A	16-Dec-15 A	R Review Period	1 1 1														
PS30690	30% Design Submittal - PS#0417	76	14-Oct-15 A	28-Dec-15 A	Negotiate Scope			gn - PS#0417												
	•				30% Design Sul	1 1														
PS30700	30% Design Review - PS#0417	15	29-Dec-15 A	12-Jan-16 A	30% Design Re	eview - PS#04	17													
PS30710	60% Design Submittal - PS#0417	46	13-Jan-16 A	27-Feb-16 A	60% Design	n Submittal - P	S#04 <mark>1</mark> 7													
PS30720	60% Design Review - PS#0417	13	28-Feb-16 A	11-Mar-16 A	■ 60% Desig	n Review - P\$	#041 <mark>7</mark>											- 1		
PS51060	EPA Compliance Date for Engineering Design - PS#0417**	0		16-Apr-16 A				ring Design - PS	#0417**											
PS10130	Engineering Design - PS#0417	480	06-Feb-15 A	30-May-16 A	Engir	, , ,												- 1		
PS30730	100% Design Submittal - PS#0417	78	14-Mar-16 A	30-May-16 A	100%	Desigh Subm	uttalPS#0	417 I-Jul-17, Permittii)	.)	التناليا
ermitting		1087	10-Aug-14 A	31-Jul-17			3	I-Jul-17, Permittii	ng											
PS51790	EPA Start Date for Permitting - PS#0417**	0	10-Aug-14 A		#0417**															
PS50020	DERM Pemit Submittal - PS#0417	0	31-May-16 A		◆ DER	M Permit Subm	nittal - PS#	417												
PS50030	Dem Permit Submittal Review - PS#0417	14	01-Jun-16 A	14-Jun-16 A	■ Dem	n Permit Subm	nittal Revie	w - PS#0417												
PS50070	A/E Prepares/Submits Responses to DERM Permit Submittal - PS#0417	79	15-Jun-16 A	01-Sep-16 A	1 : :	1 1 1		esponses to DEF	RM Permit Su	ıhmittal - P	S#0417							- 1		
PS50000	Bldg. Dept. Permit Submittal - PS#0417	0	29-Sep-16 A		1 1	1 1 1		mittal - PS#0417	1 1	10,111111111111111111111111111111111111	0,111									
PS50100	DERM Permit Approval - PS#0417	77	02-Sep-16 A	17-Nov-16 A	1 : :	1 1 1		oval -PS#0417												
PS50010	Bldg. Dept. Permit Submittal Review - PS#0417	53	29-Sep-16 A	20-Nov-16 A	-			Submittal Review	DO#0417											
PS50060	A/E Prepares/Submits Responses to Bldg. Dept. Permit Submittal - PS#0417	146	21-Nov-16 A	15-Apr-17 A	1	1 1 1		i i i	i i			DO!!044	_							
PS10290	Permitting - PS#0417	390	30-May-16 A	15-Jul-17				ires/Submits Resemitting - P\$#04		ldg. Dept. I	Permit Submit	ttal - PS#041	7							
PS50090	Bldg. Dept. Permit Approval - PS#0417	69	16-Apr-17 A	15-Jul-17					1 1											
PS51070	EPA Compliance Date for Permitting - PS#0417	0	10-Api-17-A	31-Jul-17*	-			g. Dept. Permit A												
	EFA Compliance Date for Fermitting - F3#0417	296	09-Dec-16 A	30-Sep-17				PA.Compliance D 30-Sep-17; Pro	Date for Remi	itting RS#	0417									
Procurement PS32560	Design Documents Sent to Procurement - PS#0417	0	09-Dec-16 A	30-3ep-17	-	1 1	- 1			1 1										
PS51800	EPA Start Date for Procurement - PS#0417	0			-	◆ Design	n Dodumen	s Sent to Procure	ement - PS#0	0417										
		-	01-Feb-17 A	04 1: 47 4	-	◆ EP		for Procurement												
PS32570	Submit/Approve SBD Goals and Request to Advertise - PS#0417	195	09-Dec-16 A	21-Jun-17 A	-		Subi	nit/Approve \$BD	Goals and Re	equest to A	dvertise - PS#	#0417								
PS32580	Advertise Bid Package - PS#0417	0	22-Jun-17 A		_	1 1 1	◆ Adve	rtise Bid Packag	e - PS#0417									- 1		-
PS32590	Bid Solicitation Period - PS#0417	30	22-Jun-17 A	02-Aug-17			ј В	d Solicitation Pe	riod - PS#041	17										
PS32600	Bids Due - PS#0417	0	03-Aug-17				♦ E	ds Due - PS#041	17											
PS32610	Bid Review Period - PS#0417	24	03-Aug-17	26-Aug-17				Bid Review Perio	d - PS#0417											
PS32620	Award Recommendation - PS#0417	0		26-Aug-17				Award Recomme	1 1	1 1										
PS10460	Procurement - PS#0417	271	09-Dec-16 A	10-Sep-17				Procurement -												
PS32630	Final Approvals (BCC, Mayor, Risk Mgmt.) - PS#0417	15	27-Aug-17	10-Sep-17				Final Approvals		r Biok Mam	+) DO#0417	,								
PS51080	EPA Compliance Date for Procurement - PS#0417	0		30-Sep-17*	1															
Construction		504	11-Sep-17	27-Jan-19	 			EPA Complian	re nate tot 5	27-Ja	n-19, Constru	uction								
PS32640	Contractor Notice to Proceed (NTP) - PS#0417	0	11-Sep-17		7		_	Contractor Notic	nelto Drobasa	I (NITE)	#0#17									
PS51810	EPA Start Date for Construction - PS#0417	0	01-Oct-17*		1		•	1 1 1	1 1	1 1	1 1									
PS10660	Construction - PS#0417	420	11-Sep-17	04-Nov-18	1			EPA Start Date	ior Construct		l41 (truċtion - PS#	±0417								
PS10880	Substantial Completion (CD Compliance Date 1/27/19) - PS#0417	0	r	04-Nov-18*	1		_ '				1 1	1 1		07/40	240.44=					
PS40820	Project Closeout - PS#0417	60	05-Nov-18	03-Jan-19*	1				1 1		Completion		ince Date 1/2	2/119) - PS	s#U417					
PS51090	EPA Compliance Date for Construction - PS#0417	0	03-1404-10	27-Jan-19*	-					1 7	Closeout - P	1 1								
roject Administration	· · · · · · · · · · · · · · · · · · ·	1453	06-Feb-15 A	03-Jan-19				<u> </u>			Compliance I -19, Project A	Date for Cons. Idministration	truction - PS	#0417						
PS35300	WASD Project Administration - PS#0417	1453	06-Feb-15 A	03-Jan-19	-					1 1	1 1	1 1	1 1	1 1						
	nt of Electrical and Mechanical Equipment in PS#0107	1632	10-Aug-14 A	27-Jan-19						■ WASD 27-Ja	Project Admi an-19, 5.08 R	inistrationPs eplacement o	S#0417 of Electrical	and Mech	anical Equir	ment in PS#	0107			
•	it of Electrical and Mechanical Equipment in PS#0107				Pre-Design	.ii														
re-Design	Dro Docigo DS#0107	63	06-Apr-15 A	08-Jun-15 A														1		
PS20470	Pre-Design - PS#0107	64	06-Apr-15 A	08-Jun-15 A	PS#0107	7 09-Sep-16 A	Engineerin	n Design											- 	
ngineering Design	FDA Charl Data for Engineering Design POWMANTH	703	07-Oct-14 A	09-Sep-16 A		00-30p-10 A,	_ ignieeilf	ရ ကလေပျ												
PS51820	EPA Start Date for Engineering Design - PS#0107**	0	07-Oct-14 A	00 1 1 1 -	a Desian - PS#01	107**														
PS30760	30% Design Submittal - PS#0107	25	09-Jun-15 A	03-Jul-15 A	n Submittal - PS#	#0107														
PS30770	30% Design Review - PS#0107	6	04-Jul-15 A	09-Jul-15 A	n Review - PS#0	107														
PS30780	60% Design Submittal - PS#0107	32	10-Jul-15 A	10-Aug-15 A	sign Submittal - F	1 1 1														
PS30790	60% Design Review - PS#0107	7	11-Aug-15 A	17-Aug-15 A	sign Review - PS															
PS30800	100% Design Submittal - PS#0107	37	11-Aug-15 A	16-Sep-15 A	Design Submitta	1 1 1														
PS10150	Engineering Design - PS#0107	100	08-Jun-15 A	16-Sep-15 A	Design Submilla	Engineering	Design - Ps	#0107												
	EPA Compliance Date for Engineering Design - PS#0107	0		09-Sep-16 A	- 1	. J	, , , , , , , , , , , , , , , , , , ,		1 1	1 1	1 1	1 1	1 1	- 1 - 1	1 1	i	1 1		1 1	- i

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Permitting	EDA Chart Data for Dom: Hing DOW0407tt	941		08-Mar-17 A	V 08-Mar-17 Ai, Permitting
PS51830	EPA Start Date for Permitting - PS#0107** Permitting - PS#0107	164	10-Aug-14 A 13-Oct-15 A	24-Mar-16 A	#0107**
PS10310 PS51110	EPA Compliance Date for Permitting - PS#0107	0	13-001-15 A	08-Mar-17 A	Permitting -:PS#0107
Procurement	ETA Compilation Date for Community 1 Control	620	24-Mar-16 A	03-Dec-17	◆ EPA Compliance Date for Permitting-PS#0107
PS33030	Design Documents Sent to Procurement - PS#0107	0	12-Apr-16 A	30 200 1.	7
PS33040	Submit/Approve SBD Goals and Request to Advertise - PS#0107	13	· · · · · · · · · · · · · · · · · · ·	24-Apr-16 A	Design Documents Sent to Procurement - PS#0107 Submit/Approve SBD Goals and Request to Advertise - PS#0107
PS33050	Advertise Bid Package - PS#0107	0	25-Apr-16 A		◆ Advertise Bid Package - PS#0107
PS33060	Bid Solicitation Period - PS#0107	43	25-Apr-16 A	06-Jun-16 A	
PS33070	Bids Due - PS#0107	0	07-Jun-16 A		♦ Bids Due - PS#0107
PS33080	Bid Review Period - PS#0107	15	07-Jun-16 A	21-Jun-16 A	■ Bid Review Period - PS#0107
PS33090	Award Recommendation - PS#0107	0		29-Jul-16 A	♦ Award Recommendation - PS#0107
PS10480	Procurement - PS#0107	174	24-Mar-16 A	13-Sep-16 A	Procurement - PS#0107
PS33100	Final Approvals (BC C, Mayor, Risk Mgmt.) - PS#0107	46	30-Jul-16 A	13-Sep-16 A	Final Approvals (BCC, Mayor, Risk Mgmt.):- PS#0107
PS51530	P.O. Issued - PS#0107	0		13-Sep-16 A	◆ P.O. (ssued - PS#0107
PS51840	EPA Start Date for Procurement - PS#0107	0	09-Mar-17 A		
PS51120	EPA Compliance Date for Procurement - PS#0107	0		03-Dec-17*	◆ EPA Compliance Date for Procurement - PS#0107 ▼ 27-Jan-19, Construction
Construction	0	816		27-Jan-19	▼ 2/Jan-19, Construction
PS33110	Contractor Notice to Proceed (NTP) - PS#0107	0	03-Nov-16 A	20 4 47	Contractor Notice to Proceed (NTP) - P\$#0107
PS10680 PS10890	Construction - PS#0107 Substantial Completion (CD Compliance Date 1/27/19) - PS#0107	301	03-Nov-16 A	30-Aug-17 30-Aug-17*	Construction - PS#0107
PS40830	Project Closeout - PS#0107	90	31-Aug-17	28-Nov-17*	♦ Substantial Completion (CD Compliance Date 1/27/19) PS#0107
PS51850	EPA Start Date for Construction - PS#0107	0	04-Dec-17*	20-1100-17	Project Closeout - PS#0107
PS51130	EPA Compliance Date for Construction - PS#0107	0	04-Dec-17	27-Jan-19*	◆ EPA Start Date for Construction - PS#0107
Project Administration	· ·	904	09-Jun-15 A	28-Nov-17	◆ EPA Compliance Date for Construction - PS#0107. Z8-Nov-17, Project Administration
PS35290	WASD Project Administration - PS#0107	904	09-Jun-15 A	28-Nov-17	_ ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
	t of Pumping and Electrical Equipment at PS#0301	1920		26-Sep-19	WASD Project Administration - PS#0107 ✓ 26-Sep-19, 5.09 Replacement of Pumping and Electrical Equipment at PS#0301
	tor Fumping and Electrical Equipment at PS#0301	73		20-Nov-14 A	
Pre-Design PS20280	Pre-Design - PS#0301 Phase I	73	08-Sep-14 A	20-Nov-14 A	
Engineering De sign	1.6.2.3.0.gi. 1.5.//300111.1da01	595	07-Oct-14 A	24-May-16 A	<u></u>
PS51860	EPA Start Date for Engineering Design - PS#0301**	0	07-Oct-14 A		g Design - PS#0301**
PS30810	Basis of Design Report (BODR) - PS#0301 Phase I	151	24-Nov-14 A	23-Apr-15 A	Report (BODR) - PS#0301 Phase I
PS51260	EPA Compliance Date for Engineering Design - PS#0301**	0		13-May-15 A	
PS30820	BODR Review Period - PS#0301 Phase I	39	24-Apr-15 A	01-Jun-15 A	
PS31290	Negotiate Scope & Fee of Remaining Design (HDR) - PS#0301 Phase I	67	17-May-15 A	22-Jul-15 A	Scope & Fee of Remaining Design (HDR): PS#0301 Phase
PS30830	30% Design Submittal - PS#0301 Phase I	92	23-Jul-15 A	22-Oct-15 A	6 Design Submittal - PS#0301 Phase I
PS30840	30% Design Review - PS#0301 Phase I	8	23-Oct-15 A	30-Oct-15 A	% Design Review; PS#0301 Phase
PS30850	60% Design Submittal - PS#0301 Phase I	70	31-Oct-15 A	08-Jan-16 A	
PS30860	60% Design Review - PS#0301 Phase I	17	09-Jan-16 A	25-Jan-16 A	
PS10070	Engineering Design - PS#0301	552	24-Nov-14 A	24-May-16 A	Engindering Design PS#0301
PS30870	100% Design Submittal - PS#0301 Phase I	120	26-Jan-16 A	24-May-16 A	. 100% Design Submittal -PS#0301 Phase L
Permitting		573		07-Dec-16 A	▼ 07-Dec-16 A. Permitting
PS51870	EPA Start Date for Permitting - PS#0301**	0	14-May-15 A		for Permitting - P\$#0301**
PS51270	EPA Compliance Date for Permitting - PS#0301**	0		12-May-16 A	_
PS41590	DERM Pemit Submittal - PS#0301 Phase I	0			_ DERM Permit Submittal PS#0301 Phase I
PS41600	Dem Permit Submittal Review - PS#0301 Phase I	19	•	10-Jun-16 A	Definite and the submitted Review - Po#0501 Phase 1
PS41610	A/E Prepares/Submits Responses to DERM Permit Submittal - PS#0301 Phase I	83		01-Sep-16 A	A/E Prepares/Submits Responses to DERM Permit Submittal - PS#0301 Phase I
PS41630	Municipality Bldg. Dept. Submittal - PS#0301 Phase I	0	29-Sep-16 A		♦ Municipality Bldg. Dept. Submittal - PS#0301 Phase I
PS41620	DERM Permit Approval - PS#0301 Phase I	64	02-Sep-16 A	04-Nov-16 A	
PS41640	Municipality Bldg. Dept. Submittal Review - PS#0301 Phase I	51	29-Sep-16 A	18-Nov-16 A	Municipanty Biog. Dept. Submittal Review - PS#0301 Phase 1
PS41650	A/E Prepares/Submits Responses to Municipality Bldg. Dept. Submittal - PS#0301 Phase I	1	30-Nov-16 A	30-Nov-16 A	T A/E Prepares/Subitints Responses to Municipanity Blog. Dept. Submittal - PS#0301 Priase 1
PS10220	Permitting - PS#0301	0	02-Sep-16 A	07-Dec-16 A	
PS41660	Municipality Bldg. Dept. Permit Approval - PS#0301 Phase I	8	30-Nov-16 A	07-Dec-16 A	■ Municipality Bldg. Dept. Permit Approval - RS#0301 Phase L
Procurement PS51880	EPA Start Date for Procurement - PS#0301**	815	08-Jun-15 A 08-Jun-15 A	30-Aug-17	
PS32650	Design Documents Sent to Procurement - PS#0301 Phase I	0	08-Dec-16 A		te for;Procujement - PS#0301**
PS32660	Submit/Approve SBD Goals and Request to Advertise - PS#0301 Phase I	105	08-Dec-16 A	22-Mar-17 A	
PS32670	Advertise Bid Package - PS#0301 Phase I	0	23-Mar-17 A	MGI-17 A	SubilitivApprove \$6D Goals and Request to Advertise - FS#0501 Priase 1
PS32680	Bid Solicitation Period - PS#0301 Phase I	35	23-Mar-17 A	26-Apr-17 A	— Adventise Bid Package - PS#0301 Phase I
PS32690	Bids Due - PS#0301 Phase I	0	27-Apr-17 A	20. (pi 17 A	Bid Solicitation Period - PS#0301 Phase I
PS32700	Bid Review Period - PS#0301 Phase I	61	•	07-Jul-17	
PS32710	Award Recommendation - PS#0301 Phase I	0	/ pi 1/ A	07-Jul-17	Bid Review Period - P\$#0301 Phase I
PS72600	Procurement - PS#0301 Phase I	229	08-Dec-16 A	07-3ul-17 07-Aug-17	Award Recommendation - PS#0301 Phase I Procurement - PS#0301 Phase I
PS32720	Final Approvals (BC C, Mayor, Risk Mgmt.) - PS#0301 Phase I	31	08-Jul-17	07-Aug-17 07-Aug-17	
		0		-	Final Approvals (BC C, Mayor, Risk Mgmt.) - PS#0301 Phase I
PS51280 Construction	EPA Compliance Date for Procurement - PS#0301	780		30-Aug-17*	EPA Compliance Date for Procurement - PS#0301. ✓ 26-Sep-19, Construction
		/80	08-Aug-17	26-Sep-19	

	cree Schedule - June 2017 Update			out w Baseline	(By Phase)														Jul-17		No. 65 of
ctivity ID	Activity Name	Original Start Duration	Finish	2016 Q1 Q2 Q3	Q4 Q1 (2017 02 Q3	Q4 Q1	2018 Q2 Q3	Q4 Q1	2019 Q2 Q3	Q4 (2020 21 Q2 0		4 Q1	2021 Q2 C		Q1 (2022 Q2 Q3	Q4	2023 Q3	Q4 Q1 (
PS51890	EPA Start Date for Construction - PS#0301	0 01-Sep-1	7*						struction - PS#I												
PS51290	EPA Compliance Date for Construction - PS#0301	0	09-May-18*			Ì	1 1		Compliance Da	1 1	uction - F	PS#0301			Ì						
PS72590	Construction Phase 1 (Consent Decree) - PS#0301	300 08-Aug-1		_				Con	struction Phas	e 1 (Consen	Decree)	- PS#0301			Ì						
PS10790	Substantial Completion Phase 1 (CD Compliance Date 5/09/18) - PS#0301	0	03-Jun-18*	1				◆ Sub	stantial Compl	etion Phase	1 (CD C	ompliance D	ate 5/09	9/18) - P\$	#0301						
PS40840	Project Closeout - PS#0301	60 04-Jun-1		-				i i	Project Closed	ut - P\$#030	1										
PS41120 PS41130	Construction (Non-Consent Decree) - PS#0301 Phase II Substantial Completion (Non-Consent Decree) - PS#0301 Phase II	480 04-Jun-1	26-Sep-19 26-Sep-19	-							!!!	uction (Non-0		1 1	!		1 1				
Project Administration	, ,	1843 24-Nov-14							02-Aug-18, Pro	ject Adminis	Substa tration	ntial Comple	etion_(No	on-Conse	nt_Decre	e)P.S#	0301 Phas	se II		 	
PS35280	WASD Project Administration - PS#0301	1843 24-Nov-14							WASD Project	Administrati	on PS#	1304									
5.10 Upgrade of P	PS#0488	1311 07-Oct-14	A 09-May-18					▼ 09-Ma	ıy-18, 5.10 Up	grade of PS#	0488	J30¦I							11	 - []-	
Pre-Design PS30980	Pre-Design - Upgrade PS#0488	152 01-Nov-14 153 01-Nov-14	· ·	Desigh																	
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PS51900	EPA Start Date for Engineering Design - Upgrade PS#0488**	0 07-Oct-14		g Design - Upgrad	de PS#0488**																
PS51250	EPA Compliance Date for Engineering Design - Upgrade PS#0488**	0	13-May-15 A	ce Date for Engin	eering Design -	Upgrade F	PS#0488**							- 1							
PS31320	30% Design Submittal - Upgrade PS#0488	67 03-Apr-15		Submittal - Upgra	ade PS#0488																
PS31330	30% Design Review -Upgrade PS#0488	14 09-Jun-15		n Review -Upgrade	e PS#0488																
PS30950	60% Design Submittal - Upgrade PS#0488	24 23-Jun-15		gn Submittal - Up	: : :																
PS30960 PS30970	60% Design Review -Upgrade PS#0488 100% Design Submittal - Upgrade PS#0488	7 17-Jul-15 9 24-Jul-15		gn Réview Upgra																	
PS10090	Engineering Design - Upgrade PS#0488	120 03-Apr-15		sign Submittal - L ing Design - Upgr		38															
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PS51910	EPA Start Date for Permitting - Upgrade PS#0488**	0 14-May-15		for Permitting - U											-						
PS10240	Permitting - Upgrade PS#0488	93 17-Aug-15	A 17-Nov-15 A		nitting + Upgrade																
PS51240	EPA Compliance Date for Permitting - Upgrade PS#0488	0	18-Jun-16 A	■ EPA	Compliance Da	ate for Pem	nittina - Updr	rade PS#0	48.8						i_		.]]		<u>j.</u>	 	
Procurement		646 08-Jun-15	A 15-Mar-17 A		1:	5-Mar-17 A	, Procuremer	nt													
PS51920	EPA Start Date for Procurement - Upgrade PS#0488**	0 08-Jun-15		te for Procuremer	nt - Upgrade PS	4 04 8 8**															
PS32200	Design Documents Sent to Procurement - Upgrade PS#0488	0 18-Nov-15		esign Documents	Sent to Procur	ement - Up	ograde PS#04	488													
PS32210 PS32220	Submit/Approve SBD Goals and Request to Advertise - Upgrade PS#0488 Advertise Bid Package - Upgrade PS#0488	61 18-Nov-15 0 18-Jan-16		1 : :	e SBD Goals an			- Upgrade	PS#0488												
PS32220 PS32230	Bid Solicitation Period - Upgrade PS#0468	31 18-Jan-16		Advertise Bid F	1 1 1		1 1							- -							
PS32240	Bids Due - Upgrade PS#0488	0 18-Feb-16			ion Period - Upg	E :	1488							1 1							
PS32250	Bid Review Period - Upgrade PS#0488	15 18-Feb-16		→ Bids Due - U										-							
PS32260	Award Recommendation - Upgrade PS#0488	0	03-Mar-16 A		Period - Upgrad ommendation - U		1 1														
PS10410	Procurement - Upgrade PS#0488	153 18-Nov-15	A 18-Apr-16 A	→ Award Reco			nt - Upgrade F	PS#0488													
PS32270	Final Approvals - Upgrade PS#0488	46 04-Mar-16	A 18-Apr-16 A	Final Apr	provals - Upgrad		15														
PS41690	P.O. Issued - Upgrade PS#0488	0	18-Apr-16 A	1 1	ued - Upgrade P			-						-							
PS51230	EPA Compliance Date for Procurement - Upgrade PS#0488	0	15-Mar-17 A	1 1 1 1 1 1 1 1 1 1 1	1 1 1		iance Date fo	or Procurer	nent - Upgrade ny-18, Construc	PS#0.488				ii					1	 1	
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PS10595	Contractor Notice to Proceed (NTP) - Upgrade PS#0488	0 03-May-16		◆ Cpntrac	ctor Notice to Pr	oceed (NT)	P) - Upgrade														
PS10600	Construction - Upgrade PS#0488	220 03-May-16		_	- T			Const	ruction - Upgra	de P\$#0488											
PS10800 PS51930	Substantial Completion (CD Compliance Date 5/09/18) - Upgrade PS#0488 EPA Start Date for Construction - Upgrade PS#0488	0 16-Mar-17	08-Dec-16 A	-					Date 5/09/18)		S#0488										
PS40850	Project Closeout - Upgrade PS#0488	183 09-Dec-16		\dashv	♦ E		1 1	- ;	pgrade PS#04	38											
PS51220	EPA Compliance Date for Construction - Upgrade PS#0488	0	09-May-18*	-			ect Closeout														
Project Administration		799 03-Apr-15	-		++	√ 09-	Jul-17, Projec		ompliance Da tration	te for Const	tuction = I	Jodrade PS#	0488						††	 	
PS35270	WASD Project Administration - Upgrade PS#0488	799 03-Apr-15			<u> </u>	WA	SD Project A	dministrat	ion - Upgrade i	PS#0488						1					
5.11 Installation of	f 48 inch FM from Kendall Dr. to the Suction Side of PS#0536	1375 07-Oct-14	A 07-Jul-18					07	ion - Upgrade ('-Jul-18, 5.11	nstallation o	f 48 inch	FM from Ke	ndall Dr	to the S	uction Si	ide of P	S#0536		1		
Pre-Design		136 31-Jul-15		14-Dec-15 A, Pre-	-Design																
PS20160	Negotiate Balance of Design Scope & Fee (HDR) - Install 60" FM from Kendal Dr. to PS#0536	137 31-Jul-15		Negotiate Balance	e of Design Sco	ope & Fee	(HDR) - Insta	IJ 60" FM:	from Kendal D	to P.\$#0536									ļļ.	 	
Engineering De sign PS51940	EPA Start Date for Engineering Design - Install 60" FM from Kendal Dr. to PS#0536**	647 07-Oct-14 0 07-Oct-14		-			1 1								-						
PS51940 PS51210	EPA Staft Date for Engineering Design - Install 60" FM from Kendal Dr. to PS#0536**	0 07-001-14	13-May-15 A	g Design - Install	: : :				Douge						-	-					
PS20170	Basis of Design Report (BODR) - Install 60" FM from Kendal Dr. to PS#0536	220 17-Dec-14		ce Date for Engin	1 1 1		1 1								-	1					
PS20210	60% Design Submittal - Install 60" FM from Kendal Dr. to PS#0536	133 16-Dec-15		Design Report (BC	DDR) - Install 60 sign Submittal -				- 1 1 1						-			-			
PS31340	60% Design Review - Install 60" FM from Kendal Dr. to PS#0536	7 27-Apr-16	A 03-May-16 A	1 1	esign Review - I										}						
PS10060	Engineering Design - Install 60" FM from Kendal Dr. to PS#0536	524 17-Dec-14	A 23-May-16 A		eering Design -																
PS20230	90% Design Submittal - Install 60" FM from Kendal Dr. to PS#0536	73 04-May-16			% Design Subn	nittal - Inst	all_60, FM fro	om Kendal	Dr. to PS#053	6				<u> </u>					1	 <u>. i i</u> .	
Permitting		687 14-May-15				31-Mar-17	A, Permitting	1							-						
PS51950	EPA Start Date for Permitting - Install 60" FM from Kendal Dr. to PS#0536**	0 14-May-15		for Permitting - Ir												į					
PS10210	Permitting - Install 60" FM from Kendal Dr. to PS#0536	178 31-Aug-16		_	1 i	- 1	i i	i i	endal Dr. to PS	i i					1						
PS51200 Procurement	EPA Compliance Date for Permitting - Install 60" FM from Kendal Dr. to PS#0536	816 08-Jun-15	31-Mar-17 A A 31-Aug-17		<u> </u>	EPA Comp	liance Date f 31-Aug-17 Pi	for Permitt	ing - Install 60 nt	FM from Ke	ndal Dr	o.PS#0536.								 	
PS51960	EPA Start Date for Procurement - Install 60" FM from Kendal Dr. to PS#0536**	0 08-Jun-15		to for D	1 1 1		1 1	1													
PS72030	GMOU Submittal and Approval - Install 60" FM from Kendal Dr. to PS#0536	23 29-Nov-16		te for Procuremer	i i i	, i	i i	i	O# EM 64 1/	nd ol C- t- C	C#0E00										
PS72040	Internal Bid Package Review - Install 60" FM from Kendal Dr. to PS#0536	4 03-Apr-17			1 1 1				0" FM from Ke stall 60" FM fro	: :	!!	1536			-			-			
PS33120	Design Documents Sent to Procurement - Install 60" FM from Kendal Dr. to PS#0536	0 07-Apr-17	A	1	1 1 1		1 - 1		rement - Insta	1 1		1 1	1536								
		17 07-Apr-17	A 23-Apr-17 A	→ : :	: : *	nonidu nó		ייונ נט ד וטטן	arean can - mold	1 171 1101	iveriud	∪#, נטודים ו		- 1	- 1	- ;	1 1	1	4 1	 1 1	1 1

WASD Consent Decre	ee Schedule - June 2017 Update		5	Standard Layo	out w Baseline (By Phase)	14-Jul-17 12:24 - Page No. 66 of
tivity ID	Activity Name	Original Duration	Start	Finish	2016 2017 2018	2019 2020 2021 2022 2023 2024
PS33140	Advertige Rid Reakage Install 60" EM from Kendel Dr. to DS#0526	0	24-Apr-17 A			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 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 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q3 Q4 Q1 Q3 Q4 Q1 Q3 Q4 Q1 Q3 Q4 Q1 Q3 Q4 Q1 Q3 Q4 Q1<
PS33150	Advertise Bid Package - Install 60" FM from Kendal Dr. to PS#0536 Bid Solicitation Period - Install 60" FM from Kendal Dr. to PS#0536	50	•	14-Jun-17 A	◆ Ad <mark>vertise Bid Packade - Install 60" FM</mark>	
PS33160	Bids Due - Install 60" FM from Kendal Dr. to PS#0536	0	15-Jun-17 A	14-5ull-17 A	Bid Solicitation Period - Install 60" F	
PS33170	Bid Review Period - Install 60" FM from Kendal Dr. to PS#0536	15		07-Jul-17	◆ Bids Due - Install 60" FM from Kend	
PS33180	Award Recommendation - Install 60" FM from Kendal Dr. to PS#0536	15	15-5ull-17 A	07-Jul-17	Bid Review Period - Install 60" FM	
PS10380	Procurement - Install 60" FM from Kendal Dr. to PS#0536	154	24-Feb-17 A	22-Jul-17		60" FM/from Kendal Dr. to PS#0536
l		154			Procurement - Install 60" FM fr	om Kendal Dr. to PS#0536
PS33190	Final Approvals (BC C, Mayor, Risk Mgmt.) - Install 60" FM from Kendal Dr. to PS#0536	15	08-Jul-17	22-Jul-17		sk Mgmt.)-Install 60" FM from Kendal Dr. to PS#0536
PS51190	EPA Compliance Date for Procurement - Install 60" FM from Kendal Dr. to PS#0536	500	40 1 47 4	31-Aug-17*	◆ EPA Compliance Date for Proc	curement - Install 60" FM from Kendal Dr. to PS#0536.
Construction PS51970	EPA Start Date for Construction - Install 60" FM from Kendal Dr. to PS#0536**	536	18-Jan-17 A 18-Jan-17 A	07-Jul-18		
PS33200	Contractor Notice to Proceed (NTP) - Install 60" FM from Kendal Dr. to PS#0536	0	23-Jul-17		◆ EPA Start Date for Construction - Install 60" FI	
PS10570	Construction - Install 60" FM from Kendal Dr. to PS#0536	260	23-Jul-17 23-Jul-17	08-Apr-18		TP) - Install 60" FM from Kendal Dr. to PS#0536
PS10810	Substantial Completion (CD Compliance Date 5/09/18) - Install 60" FM from Kendal Dr. to PS#0536	200	25-5ul-17	08-Apr-18*		- Install 60" FM from Kendal Dr. to PS#0536
PS51180	, , , ,	0		·	Substantial Cor	mpletion (CD Compliance Date 5/09/18) - Install 60" FM from Kendal Dr. to PS#05/36
PS31160 PS40860	EPA Compliance Date for Construction - Install 60" FM from Kendal Dr. to PS#0536	90	09-Apr-18	09-May-18* 07-Jul-18*		ance Date for Construction - Install 60" FM from Kendal Dr. to P\$#0536
	Project Closeout - Install 60" FM from Kendal Dr. to PS#0536			_	Project C	Closeout - Jnstall 60", FM from Kendal Dr. to PS#0536
Project Administration PS35260	WASD Project Administration - Install 60" FM from Kendal Dr. to PS#0536	1304 1304	17-Dec-14 A 17-Dec-14 A	07-Jul-18 07-Jul-18		
Ll.	· ·	1311		07-5di-18	WASD Pr	roject Administration - Install 60", FM from Kendal Dr. to PS#0536 .12 Replacement of Switchgear at PS#0187
	f Switchgear at PS#0187				eign	
Pre-Design	Pro Dosign Peoplese S/C at PS#0197	118		24-Feb-15 A	- an	
PS20480	Pre-Design - Replace S/G at PS#0187			24-Feb-15 A	e S/G at PS#0.187 5-Nov-15 A Engineering Design	+
Engineering Design PS51980	EPA Start Date for Engineering Design - Replace S/G at PS#0187**	414	07-Oct-14 A 07-Oct-14 A	25-Nov-15 A		
PS30880	0 0 0 1	42		07 Apr 15 A	g Design - Replace S/G at PS#0187	
	Preliminary Engineering Report (PER) - Replace S/G at PS#0187			07-Apr-15 A	heering Report (PER) - Replace S/G at PS#0187	
PS30890	PER Review Period - Replace S/G at PS#0187	27	08-Apr-15 A	04-May-15 A	eriod - Replace S/G at P\$#0187	
PS51170	EPA Compliance Date for Engineering Design - Replace S/G at PS#0187**	- 0	0514 454	13-May-15 A	ce Date for Engineering Design - Replace S/G at PS#0187**	
PS32190	Negotiate Balance of Design - Replace S/G at PS#0187	57		30-Jun-15 A	Balance of Design - Replace S/G at PS#0187	
PS31300	30% Design Submittal - Replace S/G at PS#0187	59		28-Aug-15 A	esign Submittal - Replace S/G at PS#0187	
PS31310	30% Design Review - Replace S/G at PS#0187	13		12-Sep-15 A	esign Review - Replace S/G at PS#0187	
PS30920	60% Design Submittal - Replace S/G at PS#0187	33	<u> </u>	16-Oct-15 A	6 Design Submittal - Replace \$/G at PS#0187	
PS30930	60% Design Review - Replace S/G at PS#0187	10	17-Oct-15 A	26-Oct-15 A	% Design Review - Replace S/G at PS#0187	
PS10050	Engineering Design - Replace S/G at PS#0187	275	24-Feb-15 A	25-Nov-15 A	ngineering Design - Replace \$/G at PS#0187	
PS30940	100% Design Submittal - Replace S/G at PS#0187	30	27-Oct-15 A	25-Nov-15 A	00% Design Submittal - Replace S/S at PS#0187	
Permitting		454	14-May-15 A	10-Aug-16 A	10-Aug-16 Å, Permitting	
PS51990	EPA Start Date for Permitting - Replace S/G at PS#0187**	0	14-May-15 A		for Permitting - Replace S/G at PS#0187**	
PS41670	DERM Permit - Replace S/G at PS#0187	29	24-Nov-15 A	22-Dec-15 A	DERM Permit - Replace S/G at PS#0187	
PS51160	EPA Compliance Date for Permitting - Replace S/G at PS#0187**	0		23-May-16 A	◆ EPA Compliance Date for Permitting - Replace S/\$ at PS#018	s iz
PS10200	Permitting - Replace S/G at PS#0187	249	24-Nov-15 A	29-Jul-16 A	Permitting - Replace S/G at PS#0187	
PS41680	RER Bldg. Dept Permit - Replace S/G at PS#0187	133	31-Mar-16 A	10-Aug-16 A	RER Bldg, Dept Permit - Replace S/G at PS#0187	
Procurement		877	08-Jun-15 A	31-Oct-17	31-Oct-17, Procurement	
PS71590	EPA Start Date for Procurement - Replace S/G at PS#0187**	0	08-Jun-15 A		te for Procurement - Replace S/G at PS#0187**	
PS50670	Initiate Procurement - PS#0187	0	23-May-16 A		♦ Initiate Procurement - PS#0187	
PS33210	Design Documents Sent to Procurement - PS#0187	0	26-Jul-16 A		◆ Design Documents Sent to Procurement - PS#0187	
PS35040	Pre-Purchase Bid Package (Plug Valves) - PS#0187	140	10-Jun-16 A	27-Oct-16 A	Pre-Purchase Bid Package (Plug Valves) - PS#0187	,
PS72050	Pre-Purchase Bid Package (Pumps) - PS#0187	140	10-Jun-16 A	27-Oct-16 A	Pre-Purchase Bid Package (Pumps) - PS#0187	
PS72110	Pre-Purchase Bid Package (Ball Control Valves) - PS#0187	140	10-Jun-16 A	27-Oct-16 A	Pre-Purchase Bid Package (Ball Control Valves) - Ps	9#1187
PS35050	Advertise Pre-Purchase (Plug Valves) - PS#0187	0	28-Oct-16 A		◆ Advertise Pre-Purchase (Plug Valves) - PS#0187	
PS72060	Advertise Bid Package (Pumps) - PS#0187	0	28-Oct-16 A		◆ Advertise Bid Package (Pumps) - PS#0187	
PS72120	Advertise Bid Package (Ball Control Valves) - PS#0187	0	28-Oct-16 A		◆ Advertise Bid Package (Pullips)-1-5#0107	187
PS33220	Submit/Approve SBD Goals and Request to Advertise - PS#0187	118		20-Nov-16 A	Submit/Approve SBD Goals and Request to Adver	
PS33230	Advertise Bid Package - PS#0187	0			◆ Advertise Bid Package - PS#0187	USC -1 OTO 107
PS35060	VendorBid & Award (Plug Valves) - PS#0187	33		29-Nov-16 A		
PS35070	VendorNTP (Plug Valves) - PS#0187	0		29-Nov-16 A	Vendor Bid & Award (Plug Valves) - P\$#0187	
PS72130	VendorBid & Award (Ball Control Valves) - PS#0187	64	28-Oct-16 A	30-Dec-16 A	◆ Vendor N TP (Plug Valves) - PS#0187	0007
PS72140	VendorNTP (Ball Control Valves) - PS#0187	0		30-Dec-16 A	Vendor Bid & Award (Ball Control Valves) - PS#0	JIO1
PS33240	Bid Solicitation Period - PS#0187	45	21-Nov-16 A	04-Jan-17 A	◆ Vendor NTP (Ball Control Valves) - PS#0187	
PS33250	Bids Due - PS#0187	0	05-Jan-17 A	3.34mmA	Bid Solicitation Period - PS#0187	
PS72070	Vendor Bid & Award (Pumps) - PS#0187	76		11-Jan-17 A	♦ Bids Due PS#0187	
PS72080	VendorNTP (Pumps) - PS#0187	70	20-001-10 A	11-Jan-17 A	Vendor Bid & Award (Pumps) - PS#0187	
	, , ,	0	05 lon 17 ^	_	◆ VendorNTP (Pumps) - PS#0187	
PS33260	Bid Review Period - PS#0187	35	05-Jan-17 A	08-Feb-17 A	■ Bid Review Period - PS#0187	
PS33270	Award Recommendation - PS#0187	0	00 84 40 4	08-Feb-17 A	◆ Award Recommendation - PS#0187	
PS10370	Procurement - Replace S/G at PS#0187	275		21-Feb-17 A	Procurement - Replace S/G at PS#0187	
PS33280	Final Approvals (BC C, Mayor, Risk Mgmt.) - PS#0187	13		21-Feb-17 A	■ Final Approvals (BCC, Mayor, Risk Mdmt.) -	-PS#0187
PS41810	Executed Contract S-903 - PS#0187	0	21-Feb-17 A		◆ Executed Contract S-903 - PS#0187	
PS51150	EPA Compliance Date for Procurement - Replace S/G at PS#0187	0		31-Mar-17 A	◆ EPA Compliance Date for Procurement -	Replace S/Gat PS#0187
PS32180	Pre-Purchase Plug Valves - PS#0187	388		01-Aug-17	Pre-Purchase Plug Valves - PS#0	0/187
PS35080	Fabricate & Deliver Plug Valves - PS#0187	215	30-Nov-16 A	01-Aug-17	Fabricate & Deliver Plug Valves -	
	Pre-Purchase Ball Control Valves - PS#0187	418	10-Jun-16 A	31-Aug-17	Pre-Purchase Ball Control Valv	

	ree Schedule - June 2017 Update Activity Name	Original Start	Standard Lay		2016		201	7		2018	8			2019			202	0			2021	-		2022	2		2	023	No.	Т
	,	Duration			2 Q3	Q4 Q1			Q1			Q4 C			Q4	Q1		-	Q4 C			3 Q4	, Q1			4 Q1			Q4	(
S72150	Fabricate & Deliver Ball Control Valves - PS#0187	214 31-Dec-	6 A 31-Aug-17					Fabric	ate & D	Deliver E	Ball Co	ontrol Va	alves - I	: PS#0187	,								7							-
S72100	Pre-Purchase Pumps - PS#0187	509 10-Jun-1	6 A 31-Oct-17		-			— <u></u> ⊢	re-Purch	hase Pı	um ps -	- PS#01	87										1							
S72090	Fabricate & Deliver Pumps - PS#0187	294 11-Jan-1	7 A 31-Oct-17				;	i i	i i	- 1	i .	ımps F 8, Cons	i	7						İ				<u> </u>]		<u>j</u>	j	Ĺ.
nstruction		427 09-Mar-1				•				09-	-May-¦1	8, Cons	truction	ו																
S33290	Contractor Notice to Proceed (NTP) - PS#0187	0 09-Mar-1				•	Contrac	ctor Notice	to Proc	eed (N	TP) - P	S#0187	.									ļ		1						
S71600	EPA Start Date for Construction - Replace S/G at PS#0187	0 01-Apr-1	7A				EPA S	Start Date f	or Cons	struction	n - Rep	olace S/	G at PS	S#0187								1	- 1							ł
S10560	Construction - Replace S/G at PS#0187	385 09-Mar-1	7 A 28-Mar-18			_				Co	nstruc	tion - Re	eplace	S/G at P	\$#0187	7			- 1			1	- '	1 1					. !	Ì
S10820	Substantial Completion (CD Compliance Date 5/09/18) - Replace S/G at PS#0187	0	28-Mar-18*						•	Subst	tantial	Comple	tion (C	D Comp	liance	Date 5	/09/18)	- Repla	ice \$/G	at PS#	#0187	i i							. 1	i
S40870	Project Closeout - PS#0187	35 29-Mar	18 02-May-18*							Pro	ject C	loseout	- P\$#0	187																Ì
S51140	EPA Compliance Date for Construction - Replace S/G at PS#0187	0	09-May-18*						<u> </u>		- :	- 1		or Const inistratio	tuction	- Repl	ace_S/0	at.PS#	#0187_					il.				<u> </u>		-
ject Administration		1163 25-Feb-1			1 1		1			02-1	May-18	8, Projed	ct Admi	ini strati o	n							1	1							1
S35250	WASD Project Administration - Replace S/G at PS#0187	1163 25-Feb-1	, .,		i i	; 	1	; -,-,-,- <u>-,-</u>	i i	<u></u> WA	SD Ėn	oject Ac	lminist	ration - F	eplace	S/G a	t PS#0:	187						<u> </u>				1	i	1
Refurbish Eme	ergency Generators and Controls at Regional Pump Stations	687 02-Sep-	4 A 20-Jul-16 A	1		ul-16 A, 5.1	13 Retu	ırbı sh; Emei	gency (Generat	tors an	nd Contr	ols at F	Regional	Pump	Station	is ;							il.						-
gineering Design		99 02-Sep-	4 A 10-Dec-14 A	Design					1 1	- 1									- 1			1	-	1 1					. :	
S71610	EPA Start Date for Engineering Design - Refurbish Emer Gen Controls at Pumpstations**	0 02-Sep-	4 A	Design - F	Refurbish E	Emer Gen C	ontrols	at Pumpst	ations*	*																			, !	i
S10030	Engineering Design (N/A) - Refurbish Emer Gen Controls at Pumpstations	40 12-Sep-) - Refurb	ish Emer G	Gen Control	ls at Pur	mpstations														- 1							. ;	1
S51300	EPA Compliance Date for Engineering Design - Refurbish Emer Gen Controls at Pumpstations	0	10-Dec-14 A	r.Enginee	ering Desig	n - Refurbi	ish.Eme	r.Gen.Cont	rols_at;	Pumpsi	tation.s	à												<u> </u>				ļj	,	
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S10180	Permitting (N/A) - Refurbish Emer Gen Controls at Pumpstations	40 12-Sep-		- Refurbis	sh Emer Ģe	en Controls	s at Pum	pstations														-							, :	1
S71620	EPA Start Date for Permitting - Refurbish Emer Gen Controls at Pumpstations	0 11-Dec-	4 A	ting - Ref	fundish Eme	er Gen Cor	ntrols at	Pumpstati	ons			-										-	- 1					1 1		
S51310	EPA Compliance Date for Permitting - Refurbish Emer Gen Controls at Pumpstations	0	09-Apr-15 A	Date for	r Permitting 22-Jun	a - Refurbis	h Emer	Gen Contro	ls at P	umpsta	ations									i).	i			
curement		649 12-Sep-			22-Jun	n-16 A, Prod	curemen	nt									-			1		-					1			
S30390	5.13 (14) Procurement - Refurbish PS#0522 Emergency Generator & Controls	40 12-Sep-		irbish PS	#0522 Eme	ergency Ge	enerator	& Controls					i							i		i								
S30480	5.13 (17) Procurement - Refurbish PS#0683 Emergency Generator & Controls	40 19-Sep-	4 A 28-Oct-14 A		S#0683 Em				1 1	!		- 1						:				-								
S30360	5.13 (13) Procurement - Refurbish PS#0517 Emergency Generator & Controls	40 19-Sep-	4 A 28-Oct-14 A	i i	S#0517 Em	i	i b	i i	i i	į	į	- 1	ĺ					į			i	į				Ì				
S30510	5.13 (18) Procurement - Refurbish PS#685 Emergency Generator & Controls	38 07-Oct-1	4 A 13-Nov-14 A	furbish P	S#685 Eme	eraency Ge	enerator	& Controls														1	- 1						:	
S30180	5.13 (7) Procurement - Refurbish PS#0422 Emergency Generator & Controls	38 07-Oct-1	4 A 13-Nov-14 A		5#0422 Eme				1 1	į		į										į	-	1			İ			
S71630	EPA Start Date for Procurement - Refurbish Emer Gen Controls at Pumpstations	0 03-Jan-1	5 A	1 1	- Refurbish	i		i	1 1	s :												- 1							:	
S30450	5.13 (16) Procurement - Refurbish PS#0681 Emergency Generator & Controls	77 22-Oct-1	4 A 06-Jan-15 A	1	sh PS#0681	1			1 1													ł	-	1						
S30420	5.13 (15) Procurement - Refurbish PS#0571 Emergency Generator & Controls	77 22-Oct-1	4 A 06-Jan-15 A	1	sh PS#0571		1		1 1													į								
S30300	5.13 (11) Procurement - Refurbish PS#0426 Emergency Generator & Controls	77 22-Oct-1	4 A 06-Jan-15 A		sh PS#0426	1 -	11	- 1	1 1	-	- 1	- 1	- 1	1	1							1	1	1 1						
S30240	5.13 (9) Procurement - Refurbish PS#0424 Emergency Generator & Controls	59 02-Feb-1	5 A 01-Apr-15 A		furbish P\$#					nle																				
S30120	5.13 (5) Procurement - Refurbish PS#0348 Emergency Generator & Controls	73 20-Jan-1	5 A 02-Apr-15 A	1	furbish P\$#				1 1													1							:	
S30090	5.13 (4) Procurement - Refurbish PS#0347 Emergency Generator & Controls	52 16-Feb-1	5 A 08-Apr-15 A	1 ;	furbish P\$#	i	1 6	- 1		- 1	į	į								į		į	-				į			
S30330	5.13 (12) Procurement - Refurbish PS#0516 Emergency Generator & Controls	102 05-Jan-1	5 A 16-Apr-15 A		Refurbish P																	i							:	
S30150	5.13 (6) Procurement - Refurbish PS#0421 Emergency Generator & Controls	2 22-Apr-1	5 A 23-Apr-15 A	i i	efurbish PS	i	1 - 1	· i	i i	i									i			į	-	1					, ;	
S30000	5.13 (1) Procurement - Refurbish PS#0306 Emergency Generator & Controls	136 22-Dec-	4 A 06-May-15 A	1 !	Refurbish P	!	1 1	!	! !	!												į								
S30030	5.13 (2) Procurement - Refurbish PS#0345 Emergency Generator & Controls	26 04-May-	5 A 29-May-15 A	1	Refurbish	1		- 1	1 1			-										- 1								
S30270	5.13 (10) Procurement - Refurbish PS#0425 Emergency Generator & Controls	26 04-May-	5 A 29-May-15 A	1 1	- Refurbish	- 1		- 1	1 1	i												į	-						, ;	į
S30540	5.13 (19) Procurement - Refurbish PS#1072 Emergency Generator & Controls	22 15-Jun-1	5 A 06-Jul-15 A		ent - Refurb																	- 1	1						:	
S30210	5.13 (8) Procurement - Refurbish PS#0423 Emergency Generator & Controls	22 15-Jun-1	5 A 06-Jul-15 A	i i	- i - i -	i	i i	i	i i	i	i	į								i		į	-	1 i			i			
S30570	5.13 (20) Procurement - Refurbish PS#1073 Emergency Generator & Controls	31 10-Aug-		1	nt - Refurbis		1 1	. 1	1 1		1												1						:	
S10340	Procurement (Summary) - Refurbish Emer Gen Controls at Pumpstations	364 12-Sep-		U) FIÇCUI	Procur	rement (Su							nstatio	ns								į	-	1 i			į			į
S30060	5.13 (3) Procurement - Refurbish PS#0346 Emergency Generator & Controls	32 10-Aug-	· ·	\dashv	ement - Ref	1	1 I	1	1 1	1	1	1										1	- 1						:	
S51320	EPA Compliance Date for Procurement - Refurbish Emer Gen Controls at Pumpstations	0	22-Jun-16 A	s) Procure	1 1	1		م م				1	J.									İ	- -	1						
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S30490	5.13 (17) Construction - Refurbish PS#0683 Emergency Generator & Controls	29 29-Oct-1		loft while h	PS#0683 E	Em oresses	Cons	tor 8 Cart	i i	į		-					- 1					1	1		į	-			:	
S30520	5.13 (18) Construction - Refurbish PS#0685 Emergency Generator & Controls	18 14-Nov-		Leidibisii					: :													-								
S30190	5.13 (7) Construction - Refurbish PS#0422 Emergency Generator & Controls	25 14-Nov-			P\$#0685 E							-					- 1						- [-		1 1	:	
S30370	5.13 (13) Construction - Refurbish PS#0517 Emergency Generator & Controls	27 14-Nov-		i i	PS#0422 E	i	i i	i	i i			- 1										į					į			
S30400	5.13 (14) Construction - Refurbish PS#0522 Emergency Generator & Controls	83 22-Oct-1			n PS#0517		1 1		: :								- 1						- [-		1 1	:	
S30310	5.13 (11) Construction - Refurbish PS#0426 Emergency Generator & Controls	29 07-Jan-1			ish PS#052				1 1			- 1		i								į					į			
S30460	5.13 (16) Construction - Refurbish PS#0681 Emergency Generator & Controls	29 13-Jan-1		1 1	bish PS#04	i	1 6	i	i i	i												-	- 1					1 1	i	
S30430	5.13 (15) Construction - Refurbish PS#0571 Emergency Generator & Controls	29 20-Jan-1		iii - Reiui	rbish PS#0	!	1 1		! !	!				i								į					i			
S30160	5.13 (6) Construction - Refurbish PS#0421 Emergency Generator & Controls	2 22-Apr-1		Dii - Keiu	urbish PS#0	i		1	1 1	1		- 1										1								
S30100	5.13 (4) Construction - Refurbish PS#0347 Emergency Generator & Controls	29 09-Apr-1		1 :	Refurbish PS		: 1	- 1	: :	- 1												1								
S30250	5.13 (9) Construction - Refurbish PS#0424 Emergency Generator & Controls	29 10-Apr-1	-	uction - i	Refurbish F	1																	'							
S30230	5.13 (5) Construction - Refurbish PS#0348 Emergency Generator & Controls	55 03-Apr-1	-	1 1	Refurbish F	- ;		- ;	: :													-								
S30040	5.13 (2) Construction - Refurbish PS#0345 Emergency Generator & Controls	10 01-Jun-1		!	Refurbish	!	1	1	1 1								- 1	:				!						1 1		
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330010	5.13 (1) Construction - Refurbish PS#0306 Emergency Generator & Controls			1	ion - Refur	1	1	1	1 1	1	1											į								
S30550	5.13 (19) Construction - Refurbish PS#1072 Emergency Generator & Controls	29 07-Jul-1		Constitut	ction - Refu	- 1	1 1	- 1			- :						- 1					-						1 1		
S30220	5.13 (8) Construction - Refurbish PS#0423 Emergency Generator & Controls	29 07-Jul-1	-	Donstide	tion - Refur	rbish PS#0	423 Em	ergency G	enerator	r & Can	trols											i								
S30580	5.13 (20) Construction - Refurbish PS#1073 Emergency Generator & Controls	19 10-Sep-		(20) Cons	struction +	Refurbish	PS#107:	3 Emergen	cy Gen	erator &	& Contr	rols										1								
S30070	5.13 (3) Construction - Refurbish PS#0346 Emergency Generator & Controls	29 11-Sep-1	5 A 09-Oct-15 A	(3) Cons	struction - F	Refurbish F	PS#0346	6 Emergeno	y Gene	erator &	Contro	ols	- (i			- 1		i	i	i	į	_ i _ '	1 1	į	į				
S71640	EPA Start Date for Construction - Refurbish Emer Gen Controls at Pumpstations	0 03-Jan-1																				1	i .	1 1	1					

	ecree Schedule - June 2017 Update				w Baseline (By Phase)									- Page No	
tivity ID	Activity Name	Original Duration	Start	Finish	2016 2017 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q	2018	2019	04 01	2020	2021	202			023	20
PS30340	5.13 (12) Construction - Refurbish PS#0516 Emergency Generator & Controls	269	12-May-15 A	04-Feb-16 A				Q4 Q1	QZ Q3 Q4 Q1	QZ Q3 Q4	QI QZ	Q3 Q4	QI QZ	Q3 Q4	+ Q1
PS10630	Substantial Completion (CD Compliance Date 7/20/16) - Refurbish Emer Gen Controls at Pumpstations	0	uy 10/1	04-Feb-16 A	5.13 (12) Construction - Refurbish PS#0516 Eme		1 1	Dum -t-							
PS51330	EPA Compliance Date for Construction - Refurbish Emer Gen Controls at Pumpstations	0		20-Jul-16 A	Substantial Completion (CD Compliance Date 7/	i i i i	i i	i i	ons				. !		
5.14 Upgrade of F	·	652	19-Mar-12 A	31-Dec-13 A		n - Returbis n Emer Ge	en Controls at Pu	npstations						1	
Procurement		383	19-Mar-12 A	06-Apr-13 A				ļ						†	
PS10000	Procurement - Upgrade PS#0086, 0492	183	19-Mar-12 A	17-Sep-12 A											
PS71650	EPA Start Date for Procurement - Upgrade PS#0086, 0492	0	08-Oct-12 A												
PS51340	EPA Compliance Date for Procurement - Upgrade PS#0086, 0492	0		06-Apr-13 A										.]]	
Construction		269	-	31-Dec-13 A									:		
PS71660	EPA Start Date for Construction - Upgrade PS#0086, 0492	0	06-Apr-13 A												
PS10010	Construction - Upgrade PS#0086, 0492	101	06-Apr-13 A	15-Jul-13 A											
PS10160	Substantial Completion (CD Compliance Date 12/31/13) - Upgrade PS#0086, 0492	0		15-Jul-13 A	grade PS#0086, 0492										
PS51350	EPA Compliance Date for Construction - Upgrade PS#0086, 0492	0		31-Dec-13 A	PS#0.086, 049.2	7, 5.15 Upgrade of PS	#0064 0304 033	4 0374 060	- 				<u> </u>		
	PS#0065, 0201, 0334, 0374, 0607	2458		03-Sep-17		7, 3.15 Opgiaue 0173		+, 0374, 000							
Engineering Design	EDA Start Data for Engineering Dagian, Unamada DS#0065, 0204, 0224, 0274, 0607	1496		16-Jan-15 A	g Design										
PS71670 PS51360	EPA Start Date for Engineering Design - Upgrade PS#0065, 0201, 0334, 0374, 0607 EPA Compliance Date for Engineering Design - Upgrade PS#0065, 0201, 0334, 0374, 0607**	0	01-Jan-14 A	09-Jan-15 A	PS#0065, 0201, 0334, 0374, 0607										
PS10170	Engineering Design - Upgrade PS#0065, 0201, 0334, 0374, 0607	1497	12-Dec-10 A	16-Jan-15 A	or Engineering Design - Upgrade P\$#0065, 0201, 03 ograde PS#0065, 0201, 0334, 0374, 0607	334, 0374, 0607**									
Permitting	Engineering Design - opgrade 1 0#0000, 0201, 0004, 0014, 0001	1579		09-Apr-15 A	itting			 						<u> </u>	
PS71680	EPA Start Date for Permitting - Upgrade PS#0065, 0201, 0334, 0374, 0607	0	10-Jan-15 A	007tpi 107t	#ing Unered DC#0065 0204 0224 0207										
PS10260	Permitting - Upgrade PS#0065, 0201, 0334, 0374, 0607	1528		16-Feb-15 A	tting - Upgrade PS#0065, 0201, 0334, 0374, 0607 de PS#0065, 0201, 0334, 0374, 0607										
PS51370	EPA Compliance Date for Permitting - Upgrade PS#0065, 0201, 0334, 0374, 0607	0		09-Apr-15 A	Date for Permitting - Upgrade PS#0065, 0201, 0334.	0374 0607									
Procurement		1625	12-Dec-10 A	25-May-15 A	rocurement	, U3.24, U0U2		1						1	
PS71690	EPA Start Date for Procurement - Upgrade PS#0065, 0201, 0334, 0374, 0607	0	08-Oct-14 A		t - Upgrade PS#0065, 0201, 0334, 0374, 0607										
PS51380	EPA Compliance Date for Procurement - Upgrade PS#0065, 0201, 0334, 0374, 0607**	0		06-Apr-15 A	Date for Procurement - Upgrade PS#0065, 0201, 033	34. 0374. 0607**									
PS10320	Procurement - Upgrade PS#0065, 0201, 0334, 0374, 0607	1626	12-Dec-10 A	25-May-15 A	Upgrade PS#0065, 0201, 0334, 0374, 0607	3 1, 300 1, 300									
Construction		1845	12-Dec-10 A	31-Dec-15 A	31-Dec-15A, Construction										
PS71700	EPA Start Date for Construction - Upgrade PS#0065, 0201, 0334, 0374, 0607	0	06-Apr-15 A		Construction - Upgrade PS#0065, 0201, 0334, 0374	1, 0607							. !		
PS10350	Construction - Upgrade PS#0065, 0201, 0334, 0374, 0607	1845	12-Dec-10 A	30-Dec-15 A	Construction - Upgrade PS#0065, 0 <mark>2</mark> 01, 0334, 0374	1, 0607									
PS10500	Substantial Completion (CD Compliance Date 12/31/15) - Upgrade PS#0065, 0201, 0334, 0374, 0607	0		30-Dec-15 A	Substantial Completion (CD Compliance Date 12/3	31/15) - Upgrade PS#00	065, 0201, 0334,	374, 0607							
PS51390	EPA Compliance Date for Construction - Upgrade PS#0065, 0201, 0334, 0374, 0607	0		31-Dec-15 A	EPA Compliance Date for Construction - Upgrade F 22-Dec-15 A, 5.15 (1) Pump Station 0065 Complian	S#0.065, 0201, 0334, 0	0374, 0607	ļļ.							
5.15 (1) Pump Sta	ntion 0065 Compliance Project	508	ŭ	22-Dec-15 A	22-Dec-15 A, 5.15 (1) Pump Station 0065 Complian	ce Project		ļļ							
Pre-Design		87		26-Oct-14 A											
PS20490	Pre-Design - PS#0065 Compliance Project	87		26-Oct-14 A	liance Project			ļ					ļ 		
Engineering Design PS12002	Engineering Design - PS#0065 Compliance Project	81	27-Oct-14 A 27-Oct-14 A	16-Jan-15 A 16-Jan-15 A	g Design										
Permitting	Engineering Design -1 0#0000 Compilative Project	28		16-Feb-15 A	6#0065 Compliance Project			·}					, 		
PS12012	Permitting - PS#0065 Compliance Project	29		16-Feb-15 A	065 Compliance Project										
Procurement		63	23-Feb-15 A	27-Apr-15 A	urem ent			·}						†	
PS12022	Procurement - PS#0065 Compliance Project	64	23-Feb-15 A	27-Apr-15 A	S#0065 Compliance Project										
Construction		225	11-May-15 A	22-Dec-15 A	22-Dec-15 A, Construction									1	
PS12032	Construction - PS#0065 Compliance Project	226	11-May-15 A	22-Dec-15 A	Construction - P\$#0065 Compliance Project										
PS12042	Substantial Completion (CD Compliance Date 12/31/15) - PS#0065 Compliance Project	0		22-Dec-15 A	Substantial Completion (CD Compliance Date 12/3 ct-15 A, 5.15 (1.1) FM for Pump Station 0065 Phase	1/15) - PS#0065 Comr	oliance.Project	<u> </u>							
5.15 (1.1) FM for F	Pump Station 0065 Phase 1	446	01-Aug-14 A	21-Oct-15 A	ct-15 A, 5.15 (1.1) FM for Pump Station 00/65 Phase	1		<u> </u>	.iiii					.jj	
Pre-Design		87		26-Oct-14 A											
PS31110	Pre-Design - FM for PS#0065 Phase 1	87		26-Oct-14 A	Phase 1 g Design			ļļ							
Engineering Design	Fundamental Design FM for DOWOOC Disease 4	81	27-Oct-14 A	16-Jan-15 A											
PS31060	Engineering Design - FM for PS#0065 Phase 1	82		16-Jan-15 A	// for PS#0065 Phase 1			. 						į	
Permitting PS31070	Permitting - FM for PS#0065 Phase 1	28		16-Feb-15 A 16-Feb-15 A	PS#0065 Phone 1										
Procurement	reminuing-invitor-s#0003 rhase i	91		25-May-15 A	PS#0065 Phase 1 rocurement			· } }					, 		
PS31080	Procurement - FM for PS#0065 Phase 1	92		25-May-15 A	FM for PS#0065 Phase 1										
Construction		148		21-Oct-15 A	ct-15 A, Construction			† <u>†</u>					:	jj	
PS31090	Construction - FM for PS#0065 Phase 1	149		21-Oct-15 A	Construction - FM for PS#0065 Phase 1										
PS31100	Substantial Completion (CD Compliance Date 12/31/15) - FM for PS#0065 Phase 1	0	•	21-Oct-15 A) - FM for PS#nnes Ph	ase 1								
5.15 (1.2) FM for F	Pump Station 0065 Phase 2 (Non-Consent Decree)	1103	28-Aug-14 A	03-Sep-17	tantial Completion (CD Compliance Date 12/31/15 03-Sep-1	7, 5.15 (1.2) FM for Pur	np Station 0065	hase 2 (Nor	n-Consent Decree)				:		
Pre-Design		425	28-Aug-14 A	27-Oct-15 A	ct-15 A, Pre-Design			T						1	
PS72170	Pre-Design - FM for PS#0065 Phase 2 (Non-Consent Decree)	426	28-Aug-14 A	27-Oct-15 A	Design - FM for RS#0065 Phase 2 Non-Consent De	ecree)		<u> </u>	.iiiii					.jj	
Engineering Design		216		31-May-16 A	Design - FM for RS#0065 Phase 2 Non-Consent Design 31-May-16 A, Engineering Design										
PS72180	Engineering Design - FM for PS#0065 Phase 2 (Non-Consent Decree)	217		31-May-16 A	Engineering Design - FM for PS#0065 Pt	hase 2 (Non-Consent D	Decree)	ļļ					, <u>.</u>		
Permitting	Description FM for DOWNOOD Phone 0.41 Co	77		17-Aug-16 A											
PS72190	Permitting - FM for PS#0065 Phase 2 (Non-Consent Decree)	78		17-Aug-16 A	Permitting - FM for PS#0065 Phase 06-Apr-17 A, Procure	2 (Non-Consent Decr	ee)	ļ <u>ļ</u>					; -		
Procurement	Drocurement EM for DS#10065 Dhace 2 (Non Concert Dooms)	199	•	06-Apr-17 A			1 1								
PS72200	Procurement - FM for PS#0065 Phase 2 (Non-Consent Decree)	200 150	·	06-Apr-17 A	Procurement - FM f	or PS#0065 Phase 2.077, Construction	Non-Consent Dec	ree)						į	
Construction PS72210	Construction - FM for PS#0065 Phase 2 (Non-Consent Decree)	150		03-Sep-17 03-Sep-17				1 1							
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PS72220	Substantial Completion - FM for PS#0065 Phase 2 (Non-Consent Decree)	976	01-Jan-13 A	03-Sep-17 04-Sep-15 A	◆ Substanti 15 A 5.15 (2) Pump Station 0201 Compliance Proje	al Completion : FM fo	or PS#0065_Phase	2 (Non-Con	sent Decree).					ļ	

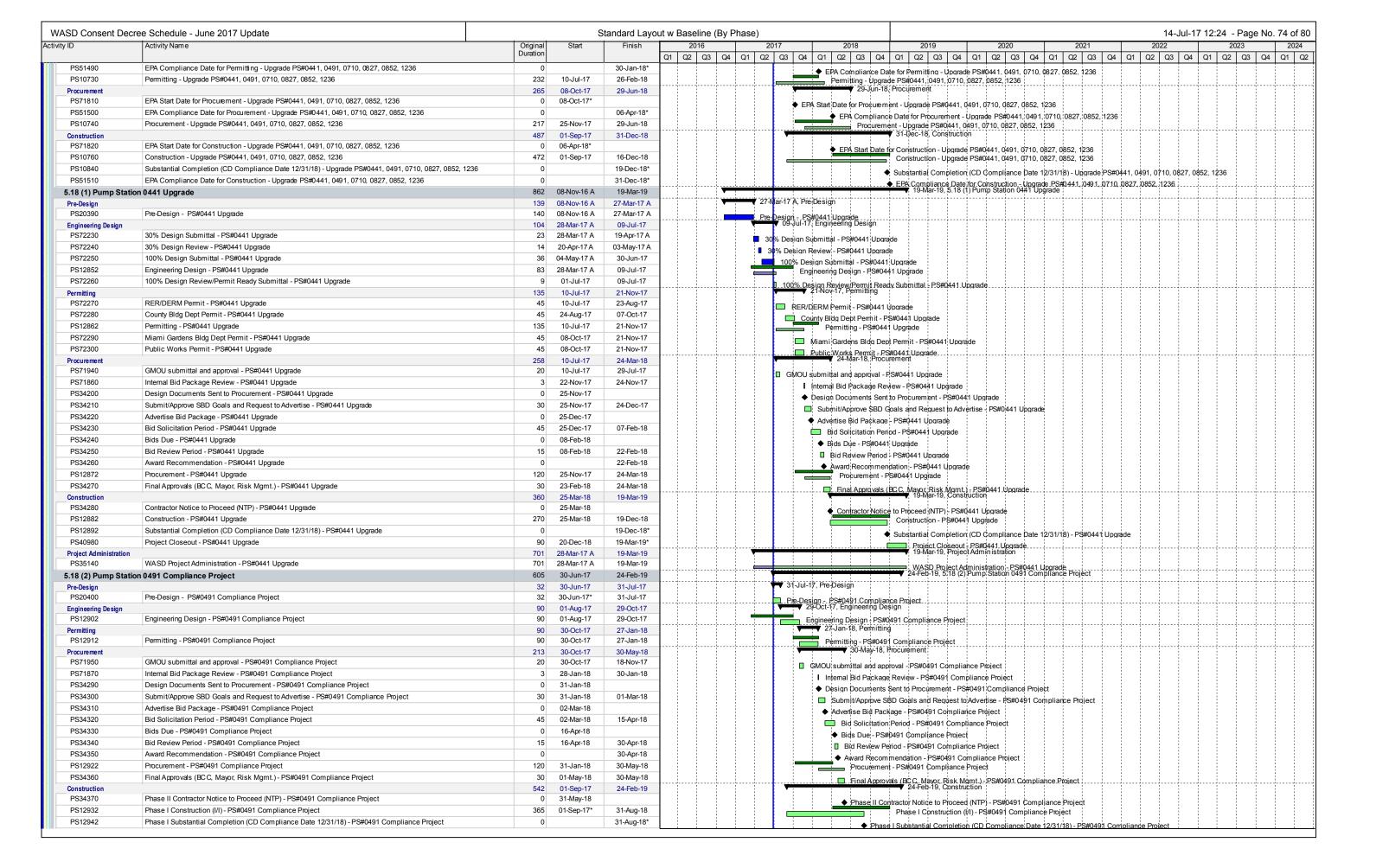
ty ID	cree Schedule - June 2017 Update Activity Name	Original	Start	Finish	out w Baseline (By Phase)	2017	2018	3	2019	2020		2021	2022	Jui-17 12.2	24 - Page 2023	202
, . <u> </u>		Duration			Q1 Q2 Q3 Q4 Q1 Q2									Q4 Q1	Q2 Q3	
PS12052	Engineering Design - PS#0201 Compliance Project	368		03-Jan-14 A	S#0201 Compliance Project								ļļ			
Permitting PS12062	Permitting - PS#0201 Compliance Project	172 173	06-Jan-14 A 06-Jan-14 A	27-Jun-14 A 27-Jun-14 A	0201 Compliance Project											
Procurement	Talliang Tallian Sampl	262	30-Jun-14 A	19-Mar-15 A	rement											
PS12072	Procurement - PS#0201 Compliance Project	263	30-Jun-14 A	19-Mar-15 A	#0201 Compliance Project											
Construction	Construction DOMONA Constitute Desiret	168	20-Mar-15 A	04-Sep-15 A	-15 A, Construction											
PS12082 PS12092	Construction - PS#0201 Compliance Project Substantial Completion (CD Compliance Date 12/31/15) - PS#0201 Compliance Project	169	20-Mar-15 A	04-Sep-15 A 04-Sep-15 A	Construction - P\$#0201 Complia	1										
	ion 0334 Compliance Project	1093	01-Jan-13 A	30-Dec-15 A	intial Completion (CD Compliance 30-Dec-15 A, 5.15 (3) Pump Static	Date 12/31/ n 0334 Com	15) - PS#0201 Co pliance Project	ompliance Projec	t							
Engineering Design		367	01-Jan-13 A	03-Jan-14 A						-	-					
PS12102	Engineering Design - PS#0334 Compliance Project	368	01-Jan-13 A	03-Jan-14 A	S#0334 Compliance Project											
Permitting	Pomitting DS#0224 Compliance Project	172		27-Jun-14 A												
PS12112 Procurement	Permitting - PS#0334 Compliance Project	173 232	06-Jan-14 A 17-Jun-14 A	27-Jun-14 A 04-Feb-15 A	0334 Compliance Project											
PS12122	Procurement - PS#0334 Compliance Project	233	17-Jun-14 A	04-Feb-15 A	#0334 Compliance Project											
Construction		328	05-Feb-15 A	30-Dec-15 A	30-Dec-15A, Construction											
PS12132	Construction - PS#0334 Compliance Project	329	05-Feb-15 A	30-Dec-15 A	Construction - P\$#0334 Complia	nce Project										
PS12142	Substantial Completion (CD Compliance Date 12/31/15) - PS#0334 Compliance Project	0	01 lon 12 A	30-Dec-15 A	Substantial Completion (CD Com 5 (3.1) FM for Pump Station 0334	pliance Date	e 12/31/15) - PS#	0334 Compliance	e Project							
5.15 (3.1) FM for Pu Engineering Design	ump station 0554	846 367	01-Jan-13 A 01-Jan-13 A	27-Apr-15 A 03-Jan-14 A	- (3.1) · · · · · · · · · · · · · · · · · · ·					-	-					
PS12152	Engineering Design - FM for Pump Station 0334	368	01-Jan-13 A	03-Jan-14 A	M for Pump Station 0334											
Permitting		219		13-Aug-14 A												
PS12162	Permitting - FM for Pump Station 0334	220	06-Jan-14 A	13-Aug-14 A	or Pump Station 0334					-			ļļ			
Procurement PS12172	Procurement - FM for Pump Station 0334	146 147	30-Jun-14 A 30-Jun-14 A	23-Nov-14 A 23-Nov-14 A	A for Dump Station 0324											
Construction	1 location of the fortunity obtained obo-	154	24-Nov-14 A	27-Apr-15 A	I for Pump Station 0334											
PS12182	Construction - FM for Pump Station 0334	155	24-Nov-14 A	27-Apr-15 A	Construction - FM for Pump Statio	on 0334										
PS12192	Substantial Completion (CD Compliance Date 12/31/15) - FM for Pump Station 0334	0		27-Apr-15 A	npletion (CD Compliance Date 12	3 1/15) - FM f	or Pump Station	0334					jjj			
	ion No. 0374 Upgrade	1118		03-Jan-14 A	grade											
Engineering Design PS12202	Engineering Design - PS#0374 Upgrade	1118	12-Dec-10 A 12-Dec-10 A	03-Jan-14 A 03-Jan-14 A	C#0274 Ungrendo											
Permitting	Engineering Design - F-3#0574 Opgrade	1118		03-Jan-14 A	S#0374 Upgrade											
PS12212	Permitting - PS#0374 Upgrade	1119	12-Dec-10 A	03-Jan-14 A	0374 Upgrade											
Procurement		1118	12-Dec-10 A	03-Jan-14 A												
PS12222	Procurement - PS#0374 Upgrade	1119	12-Dec-10 A	03-Jan-14 A	3#0374 Upgrade								ļļ			
Construction PS12232	Construction - PS#0374 Upgrade - Completed In-House	1118	12-Dec-10 A 12-Dec-10 A	03-Jan-14 A 03-Jan-14 A	Construction - PS#0374 Upgrade	Completed	Lib Houde									
PS12242	Substantial Completion (CD Compliance Date 12/31/15) - PS#0374 Upgrade	0	12-DCC-10 A	03-Jan-14 A	-	- Completed	III-nouse									
	ation No. 0374 FM Installation	1118	12-Dec-10 A	03-Jan-14 A	2/31/15) - PS#0374 Upgrade M Installation	1	11									
Engineering Design		1118	12-Dec-10 A	03-Jan-14 A												
PS12252	Engineering Design - PS#0374 FM Installation	1119	12-Dec-10 A	03-Jan-14 A	S#0374 FM Installation								ļļ			
Permitting PS12262	Permitting - PS#0374 FM Installation	1118		03-Jan-14 A 03-Jan-14 A	0374 FM Installation											
Procurement	1 Similarly 1 Shoot 4 FM modulation	1118		03-Jan-14 A	D374 FWI IIIStallauGII								 			
PS12272	Procurement - PS#0374 FM Installation	1119	12-Dec-10 A	03-Jan-14 A	\$#0374 FM Installation											
Construction		1118		03-Jan-14 A												
PS12282 PS12292	Construction - PS#0374 FM Installation - Completed In-House Substantial Completion (CD Compliance Date 12/31/15) - PS#0374 FM Installation	1119	12-Dec-10 A	03-Jan-14 A 03-Jan-14 A	Construction - P\$#0374 FM Insta											
	ion 0607 Compliance Project	1025	01-Jan-13 A	23-Oct-15 A	2/31/15) - PS#0374 FM Installation Oct-15 A, 5.15 (5) Pump Station 06	07 Complian	ce Project						<u> </u>			
Engineering De sign	ion voor voinpiamou i rojout	367	01-Jan-13 A	03-Jan-14 A									ii			
PS12302	Engineering Design - PS#0607 Compliance Project	368	01-Jan-13 A	03-Jan-14 A	S#0607 Compliance Project								<u> </u>			
Permitting	Demilities DOWOOOZ Compliance Project	151	06-Jan-14 A	06-Jun-14 A												
PS12312 Procurement	Permitting - PS#0607 Compliance Project	152 210	06-Jan-14 A 30-Jun-14 A	06-Jun-14 A 26-Jan-15 A	0607 Compliance Project					-			ļ <u></u>			
PS12322	Procurement - PS#0607 Compliance Project	211	30-Jun-14 A	26-Jan-15 A	\$#0607 Compliance Project											
Construction		269	27-Jan-15 A	23-Oct-15 A	Oct-15 A, Construction								† <u> </u>			
PS12332	Construction - PS#0607 Compliance Project	270	27-Jan-15 A	23-Oct-15 A	Construction - P\$#0607 Complia											
PS12342	Substantial Completion (CD Compliance Date 12/31/15) - PS#0607 Compliance Project	0	00 Nov. 44 A	23-Oct-15 A	ostantial Completion (CD Complian	nde Date 12/	31/15) - PS#0607	Compliance Pro	niect	0680	-					
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Engineering Design PS71710	EPA Start Date for Engineering Design - Upgrade PS#0198, 0437, 0466, 0680**	273	02-Jan-15 A 02-Jan-15 A	02-Oct-15 A		407	0000**									
PS51400	EPA Compliance Date for Engineering Design - Upgrade PS#0198, 0437, 0466, 0680**	0		06-Sep-15 A	neering Design - Upgrade PS#0198 pmpliance Date for Engineering De		1 1 1	37 0466 0680**								
PS10330	Engineering Design - Upgrade PS#0198, 0437, 0466, 0680	155	01-May-15 A	02-Oct-15 A	neering Design - Upgrade PS#0198	3, <mark>0</mark> 437, 0466	6, 0680	51, U400, U000""								
Permitting		140		28-Dec-15 A	28-Dec-15 A, Permitting]			
PS71720	EPA Start Date for Permitting - Upgrade PS#0198, 0437, 0466, 0680	0	07-Sep-15 A	05.5	tart Date for Permitting - Upgrade P											
PS51410	EPA Compliance Date for Permitting - Upgrade PS#0198, 0437, 0466, 0680**	0	10 Au~ 15 A	05-Dec-15 A	EPA Compliance Date for Permittin			0466, 0680**								
PS10430 Procurement	Permitting - Upgrade PS#0198, 0437, 0466, 0680	141 229	10-Aug-15 A 04-Nov-15 A	28-Dec-15 A 20-Jun-16 A	Permitting - Upgrade P\$#0198, 04 20-Jun-16 A, Produrer		UBU			-			ļ			
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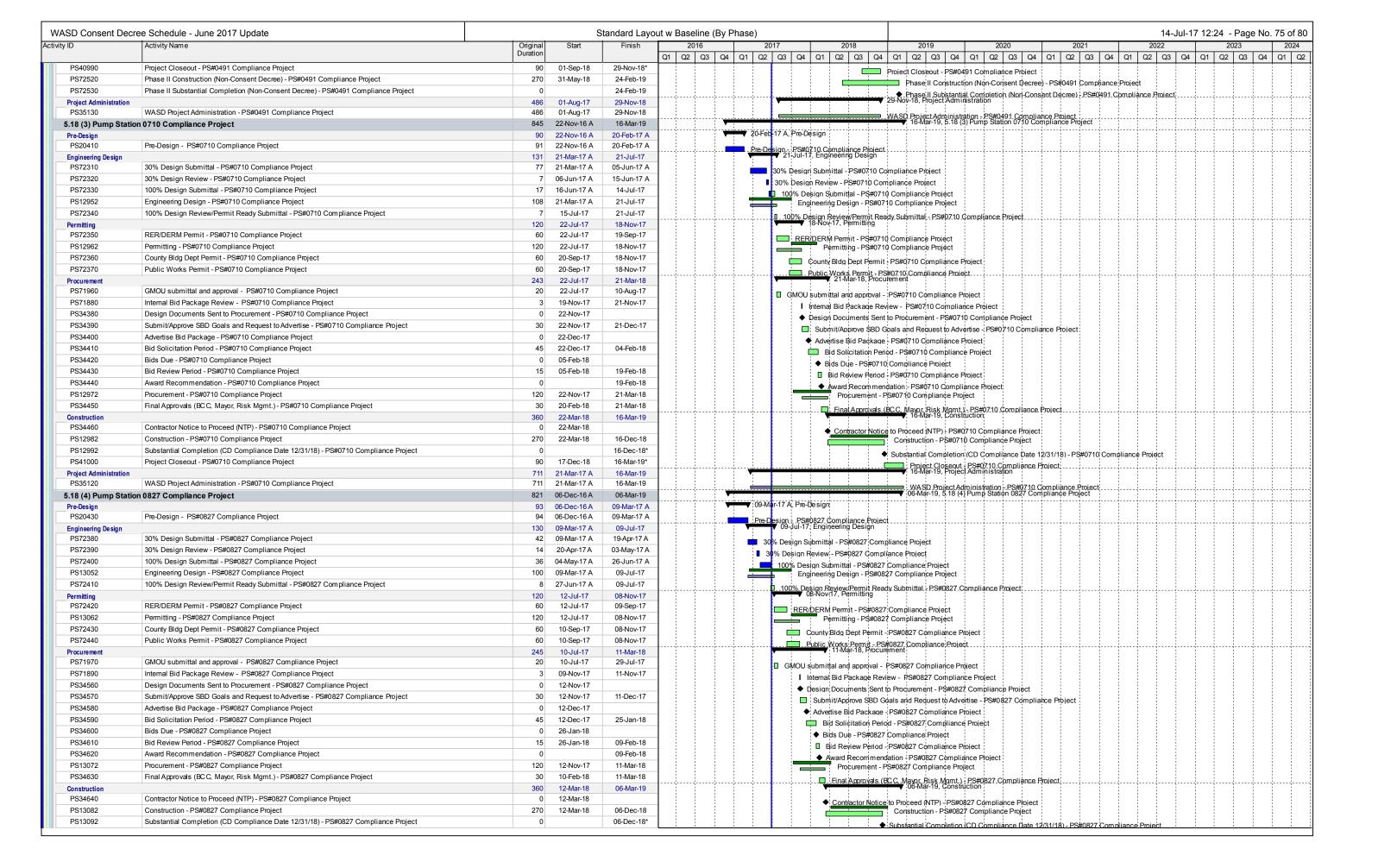
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PS51420	EPA Compliance Date for Procurement - Upgrade PS#0198, 0437, 0466, 0680**	0		02-Jun-16 A	1 ! !		-	rocurement - I	+ +			: :		: :						† †		: :			
PS10490	Procurement - Upgrade PS#0198, 0437, 0466, 0680	230	04-Nov-15 A	20-Jun-16 A	Pro	curement -	Upgrade PS	#0198, 0437,	0466, 06	80	. 5-67, 0	.55, 500						i							
onstruction		469	18-Apr-16 A	30-Jul-17	V			30-Jul-17, Ć			[T	[T		· · · · · ·	111]	11		7			
PS71740	EPA Start Date for Construction - Upgrade PS#0198, 0437, 0466, 0680	0	03-Jun-16 A		♠ FPA	Start Date	for Constanc	tion - Upgrade	; PS#010	8. 0437 n	0466 069	80		1 1				i		1 1					
PS51430	EPA Compliance Date for Construction - Upgrade PS#0198, 0437, 0466, 0680**	0		31-Dec-16 A		- 1		ince Date for (1 1		1.	1 1	137 046	3 D680**				i	į		i	1 1			
PS10540	Construction - Upgrade PS#0198, 0437, 0466, 0680	439	18-Apr-16 A	30-Jul-17	<u>-</u>	-		Construction						, 10000	- 1			- 1	ļ	1 1	- 1	1 1			- 1
PS10700	Substantial Completion (CD Compliance Date 12/31/16) - Upgrade PS#0198, 0437, 0466, 0680	0		30-Jul-17*				1 1	1		1	1 1	1	1. 1.											
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• •	tion 0198 Compliance Project	178	03-Nov-14 A	30-Apr-15 A	-Design							ļļ													
re-Design PS20290	Pre-Design - PS#0198 Compliance Project	179	03-Nov-14 A	30-Apr-15 A) 3 co g														1						
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ngineering Design	Engineering Design DC#0400 Compliance Project	95 96	01-May-15 A	04-Aug-15 A	1 1 - 1 -	- ; - ;					į			1 1					į	1 1					
PS12352	Engineering Design - PS#0198 Compliance Project		01-May-15 A	04-Aug-15 A	ering Design - P Dct-15 A , Perm itt		mpliance P	roject				ļļ			·										
ermitting	Description DOMONOO Consultings Desired	66	10-Aug-15 A	15-Oct-15 A	1 1	۲ :																			
PS12362	Permitting - PS#0198 Compliance Project	6/	10-Aug-15 A	15-Oct-15 A	Permitting - PS#0			ct				ļļ				 		 		-					
rocurement		162	04-Nov-15 A	14-Apr-16 A	14-Api-1	16 A, Procur	lement				ļ			1 1				- 1	1	1 1		1 1			- 1
PS33300	Design Documents Sent to Procurement - PS#0198 Compliance Project	0	04-Nov-15 A		sign Documents	s Sent to Pr	ocurement -	PS#0198 Cor	mṗliance	Project	-							!	:						
PS33310	Submit/Approve SBD Goals and Request to Advertise - PS#0198 Compliance Project	26	04-Nov-15 A	29-Nov-15 A	Submit/Approve S	SBD Goals	and Reques	t to Advertise	- PS#019	98 Compli	iance Pro	ect													
PS33320	Advertise Bid Package - PS#0198 Compliance Project	0	07-Dec-15 A		Advertise Bid Pa	ackage - PS	#0 198 Com i	oliance Projec	t					1 1				- 1		1 1	- 1	1 1			i
PS33330	Bid Solicitation Period - PS#0198 Compliance Project	31	07-Dec-15 A	06-Jan-16 A	Bid Solicitation		1 1	: :	: :										1						
PS33340	Bids Due - PS#0198 Compliance Project	0	06-Jan-16 A		Bids Due - PS	i i	1 1				į								į						
PS33350	Bid Review Period - PS#0198 Compliance Project	20	06-Jan-16 A	25-Jan-16 A	Bid Review P			1 1						1 1				į	Ì			1 1			
PS41140	Bid Cancellation - PS#0198 Compliance Project	3	26-Jan-16 A	28-Jan-16 A						- 1	į							- }	:	1					
PS41150	Re-Bid Solicitation - PS#0198 Compliance Project	30	09-Feb-16 A	09-Mar-16 A	Bid Cancella			1 1	iebt		į								- 1						
PS41160	Re-Bids Due - PS#0198 Compliance Project	0	10-Mar-16 A		Re-Bid Sol		1 1	: :	nect	İ				1 1	- 1			į	-			1 1			
PS41170	Re-Bid Review Period - PS#0198 Compliance Project	14	10-Mar-16 A	23-Mar-16 A	◆ Re-Bids D					- 1								-	1						
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PS12372	Procurement - PS#0198 Compliance Project	163	04-Nov-15 A	14-Apr-16 A	Proc	curement - F	2S#0198 Co	mpliance Proj	ect					1 1				- 1							
PS33370	Final Approvals - PS#0198 Compliance Project	22	24-Mar-16 A	14-Apr-16 A	Final Ap	pprovals - P	S#0198 c on	npliance Proje	ect										-						
PS50780	P.O. Issued - PS#0198 Compliance Project	0		14-Apr-16 A	P.O. Iss	sued - P\$#0	198 Compli	ance Project _ 28-Oct		,,		ļļ						i						ļ <u>i</u>	
onstruction		559	18-Apr-16 A	28-Oct-17				28-Oct	t-17, Con	struction	1			1 1				- 1		1 1		1 1			
PS33380	Contractor Notice to Proceed (NTP) - PS#0198 Compliance Project	0	25-Apr-16 A		◆ Contrac	ctor Notice	to Proceed (NTP) - PS#019	98 Comb	oliance Pr	oject														
PS12382	Construction - PS#0198 Compliance Project	439	18-Apr-16 A	30-Jul-17				Construction				roject							i						
PS12392	Substantial Completion - PS#0198 Compliance Project	0		30-Jul-17*		1		Substantial (Completi	ion - PS#0	0198 Cor	npliance	Project	1 1				į			- 1	1 1			
PS40880	Project Closeout - PS#0198 Compliance Project	90	31-Jul-17	28-Oct-17*	1			1 1	1 1	1	1	1 1	1						}						
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PS35240	WASD Project Administration - PS#0198 Compliance Project	882	01-May-15 A	28-Oct-17		<u> </u>	1	- WASE	Project	Administr	ration D	S#0109 C	Complia	nce Droide	ct			į	-	1 1		1 1			
16 (2) Pump Stati	tion No. 0437 Upgrade	941	03-Nov-14 A	30-Jun-17		1	7 3	WASD 30-Jun-17, 5.1	6 (2) Pun	np Station	1 Np. 043	7 Upgrad	de ¦	1-10/12	w										
re-Design		178	03-Nov-14 A	30-Apr-15 A	-Design															· † · · · · i					
PS20300	Pre-Design -PS#0437 Upgrade	179	03-Nov-14 A	30-Apr-15 A	#0437 Upgrade.																				
ngineering Design	·	95	01-May-15 A	04-Aug-15 A	5 A, Engineering	g Design						T		-tt-	·	-	-1i-	i	j	-	j	-jj-	j	 	
PS12402	Engineering Design - PS#0437 Upgrade	96	01-May-15 A	04-Aug-15 A	ering Design - P	PS#0437 Un	ograde							1 1				į				1 1			
ermitting		67	10-Aug-15 A	16-Oct-15 A	Oct-15 A, Permitt		×					† <u></u>			·										
PS12412	Permitting - PS#0437 Upgrade	68	10-Aug-15 A	16-Oct-15 A	Permitting - PS#0	1"	de											-							
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PS33390	Design Documents Sent to Procurement - PS#0437 Upgrade	0	24-Nov-15 A					DO410 407	1. 1									!							
PS33410	Advertise Bid Package - PS#0437 Upgrade	-	09-Dec-15 A		esign Documen	1 1		1 1 1	pgrade		į								į						
PS33400		46	24-Nov-15 A	08 lan 16 A	Advertise Bid Pa	i i	i i	i i		i	1			1 1				i	į			1 1	i		
	Submit/Approve SBD Goals and Request to Advertise - PS#0437 Upgrade	31		08-Jan-16 A	Submit/Approv		1 1	: :	se - PS#0	0437 Upgi	rade								1						-
PS33420	Bid Solicitation Period - PS#0437 Upgrade		09-Dec-15 A	08-Jan-16 A	Bid Solicitation	n Period - P	S#0437 U pg	ırade			-														
PS33430	Bids Due - PS#0437 Upgrade	0	************		Bids Due - PS	#0437 Upgi	rade			į	į								Ì						
PS33440	Bid Review Period - PS#0437 Upgrade	12	09-Jan-16 A	20-Jan-16 A	Bid Review P	eriod - PS#0	0437 Upgrad	le		- 1	-							!							
PS33450	Award Recommendation - PS#0437 Upgrade	0		20-Jan-16 A	Award Recom	nm endation	ı - PS#04 3 7	Upgrade																	
PS33460	Final Approvals - PS#0437 Upgrade	28	21-Jan-16 A	17-Feb-16 A	Final Appro	i i	1	i i		i	1			1 1	- 1			į	į		i	1 1	i		
PS50790	P.O. Issued - PS#0437 Upgrade	0		17-Feb-16 A	◆ P.O. Issued									1 1				- 1	1	1 1		1 1			
PS12422	Procurement - PS#0437 Upgrade	146	24-Nov-15 A	17-Apr-16 A			PS#0437 Up	grade			-							!	:						
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PS33470	Contractor Notice to Proceed (NTP) - PS#0437 Upgrade	0	18-Apr-16 A		▲ Contrac	ctor Notice	to Proceed (NTP) - PS#043	37 Linam	ا ما				1 1				1		1 1	- 1	1 1			
PS12432	Construction - PS#0437 Upgrade	243	02-May-16 A	30-Dec-16 A	Condac			- PS#0437 Up		ue :				1 1				- 1	1						
PS12442	Substantial Completion (CD Compliance Date 12/31/16) - PS#0437 Upgrade	0		30-Dec-16 A	1	;			~ i		t- 40'0':	i	10.405	1					į						
PS40890	Project Closeout - PS#0437 Upgrade	152	31-Dec-16 A	30-Jun-17*	1	♦ S		ompletion (CI	- 1 1			16) - PS#	10437 Up	grade					į			1 1			
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re-Design		263	03-Nov-14 A	24-Jul-15 A	A, Pre-Design						į							- 1	1						
PS20310	Pre-Design - PS#0466 Compliance Project	264	03-Nov-14 A	24-Jul-15 A	ın - P\$#0466 Co ct-15 A, Enginee	mpliance P	roject					ļļ												<u> </u>	
ngineering Design		67	27-Jul-15 A	02-Oct-15 A	ct-15 A, Enginee	ering Deşign	۱							1 1								1 [
PS12452	Engineering Design - PS#0466 Compliance Project	68	27-Jul-15 A	02-Oct-15 A	neering Design -		Compliance	Project		i		į į		.li			1	i		.]		.ii		<u>l</u>	
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PS12462	Permitting - PS#0466 Compliance Project	1	02-Oct-15 A	02-Oct-15 A	Permitting - PS#0	0466 Comp	oliance Proie	ct						1 1				- 1							- 1
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WASD Consent Deci	ree Schedule - June 2017 Update		Ç	Standard Layo	ut w Baseline (By Phase)	14-Jul-17 12:24 - Page No. 71 of
tivity ID	Activity Name	Original Duration	Start	Finish	2016 2017 2018	2019 2020 2021 2022 2023 202
III					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 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 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q3 Q4 Q1 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q3 Q4 Q1 Q3 Q4 Q1 Q3 Q4 Q1 Q3 Q4 Q1 Q3 Q4 Q1 Q3 Q4 Q1 Q3 Q4 Q1 Q3 Q4<
PS33480	Design Documents Sent to Procurement - PS#0466 Compliance Project	0		44 M==40 A	◆ Design Documents Sent to Procurement - PS#0466 Compliance Pro	plect
PS33490	Submit/Approve SBD Goals and Request to Advertise - PS#0466 Compliance Project	18	26-Feb-16 A	14-Mar-16 A	■ Submit/Approve SBD Goals and Request to Advertise - PS#0466 C	ompliance Project
PS33500	Advertise Bid Package - PS#0466 Compliance Project	0	15-Mar-16 A	45.446.4	◆ Advertise Bld Package - PS#0466 Compliance Project	
PS33510	Bid Solicitation Period - PS#0466 Compliance Project	32	15-Mar-16 A	15-Apr-16 A	Bid Solicitation Period - PS#0466 Compliance Project	
PS33520	Bids Due - PS#0466 Compliance Project	0	15-Apr-16 A		◆ Bids Due - PS#0466 Compliance Project	
PS33530	Bid Review Period - PS#0466 Compliance Project	8	15-Apr-16 A	22-Apr-16 A	■ Bid Review Period - PS#0466 Compliance Project	
PS33540	Award Recommendation - PS#0466 Compliance Project	0		22-Apr-16 A	◆ Award Recommendation - PS#0466 Compliance Project	
PS12472	Procurement - PS#0466 Compliance Project	116	26-Feb-16 A	20-Jun-16 A	Procurement - PS#0466 Compliance Project	
PS33550	Final Approvals - PS#0466 Compliance Project	59	23-Apr-16 A	20-Jun-16 A	Final Approvals - PS#0466 Compliance Project	
PS50810	P.O. Issued - PS#0466 Compliance Project	0	20-Jun-16 A		P.O. Issued - PS#0466 Compliance Project 30-Jun-17; Construction	
Construction		325	11-Jul-16 A	30-Jun-17	30-Jun-17 Construction	
PS33560	Contractor Notice to Proceed (NTP) - PS#0466 Compliance Project	0	11-Jul-16 A		◆ Contractor Notice to Proceed (NTP) - PS#0466 Compliance	₃ Project
PS12482	Construction - PS#0466 Compliance Project	103	11-Jul-16 A	21-Oct-16 A	Construction - PS#0466 Compliance Project	
PS12492	Substantial Completion (CD Compliance Date 12/31/16) - PS#0466 Compliance Project	0		21-Oct-16 A	◆ Substantial Completion (CD Compliance Date 12/3	i1/16) - PS#0466 Compliance Project
PS40900	Project Closeout - PS#0466 Compliance Project	222	22-Oct-16 A	30-Jun-17*	Project Closeout - PS#0466 Comp 30-Jun-17; Project Administration	plance Project
Project Administration		675	27-Jul-15 A	30-Jun-17	30-Jun-17; Project Administration	
PS35220	WASD Project Administration - PS#0466 Compliance Project	675	27-Jul-15 A	30-Jun-17	. WASD Project Administration - PS 30-Jun-17; 5.16 (4) Pump Station 0	#0466.Compliance Project
5.16 (4) Pump Statio	on 0680 Upgrade	941	03-Nov-14 A	30-Jun-17	L	/680 Upgrade:
Pre-Design		178	03-Nov-14 A	30-Apr-15 A	-Design	
PS20320	Pre-Design - PS#0680 Upgrade	179	03-Nov-14 A	30-Apr-15 A	#0680 Upgrade	
Engineering Design		95		04-Aug-15 A	5 A, Engineering Design	
PS12502	Engineering Design - PS#0680 Upgrade	96	01-May-15 A	04-Aug-15 A	ering Design - PS#0680 Upgrade	
Permitting	B 191 B00000011	140		28-Dec-15 A	28-Dec-15/A, Permitting	
PS12512	Permitting - PS#0680 Upgrade	141	10-Aug-15 A	28-Dec-15 A	Permitting - PS#0680 Upgrade ▼ 17-Feb-16 A, Proculement	
Procurement	Desire Desires ante Contto Description of DOMOCOO He was de-	85		17-Feb-16 A	(7-Feb-10 A, Floculement	
PS33570	Design Documents Sent to Procurement - PS#0680 Upgrade	0	24-Nov-15 A	00 D 45 A	esign Documents Sent to Procurement - PS#0680 Upgrade	
PS33580	Submit/Approve SBD Goals and Request to Advertise - PS#0680 Upgrade	16		09-Dec-15 A	Submit/Approve SBD Goals and Request to Adveltise - PS#0680 Upgrade	
PS33590	Advertise Bid Package - PS#0680 Upgrade	0	09-Dec-15 A		Advertise Bid Package - PS#0680 Ungrade	
PS33600	Bid Solicitation Period - PS#0680 Upgrade	31	09-Dec-15 A	08-Jan-16 A	Bid Solicitation Period - PS#0680 Upgrade	
PS33610	Bids Due - PS#0680 Upgrade	0	09-Jan-16 A		Bids Due - PS#0680 Upgrade	
PS33620	Bid Review Period - PS#0680 Upgrade	12	09-Jan-16 A	20-Jan-16 A	Bid Review Period - PS#0680 Upgrade	
PS33630	Award Recommendation - PS#0680 Upgrade	0		20-Jan-16 A	◆ Award Recommendation - PS#0680 Updrade	
PS12522	Procurement - PS#0680 Upgrade	86	24-Nov-15 A	17-Feb-16 A	Procutement - PS#0680 Upgrade	
PS33640	Final Approvals - PS#0680 Upgrade	28	21-Jan-16 A	17-Feb-16 A	■ Final Approvals - P\$#0680 Upgrade	
PS50800	P.O. Issued - PS#0680 Upgrade	0		17-Feb-16 A	◆ P.O. Issued - PS#0680 Upgrade	
Construction		409	18-Apr-16 A	30-Jun-17	30-Jun-17, Construction	
PS33650	Contractor Notice to Proceed (NTP) - PS#0680 Upgrade	0	18-Apr-16 A		◆ Contractor Notice to Proceed (NTP) - PS#0680 Upgrade	
PS12532	Construction - PS#0680 Upgrade	228	18-Apr-16 A	01-Dec-16 A	Construction - PS#0680 Upgrade	
PS12542	Substantial Completion (CD Compliance Date 12/31/16) - PS#0680 Upgrade	0		01-Dec-16 A	◆ Substantial Completion (CD Compliance Date 12	2/31/16) - PS#0680 Upgrade
PS40910	Project Closeout - PS#0680 Upgrade	181	02-Dec-16 A	30-Jun-17*	Project Closeout - PS#0680 Upgra 30 Jun-17; Project Administration	de
Project Administration		762		30-Jun-17	30-Jun-17, Project Administration	
PS35210	WASD Project Administration - PS#0680 Upgrade		01-May-15 A	30-Jun-17	WASD Project Administration - PS	\$#0680 Ungrade grade of PS#0037, 0351, 0370, 0403
5.17 Upgrade of PS	S#0037, 0351, 0370, 0403	854	05-Oct-15 A	04-Feb-18		grade of PS#10037, U351, U370, U403
Engineering Design		336	05-Oct-15 A	05-Sep-16 A	05-Sep-16 A, Engineering Design	
PS71750	EPA Start Date for Engineering Design - Upgrade PS#0037, 0351, 0370, 0403	0	02-Jan-16 A		EPA Start Date for Engineering Design - Upgrade PS#0037, 0351, 0370,	0403
PS10510	Engineering Design - Upgrade PS#0037, 0351, 0370, 0403	337	05-Oct-15 A	05-Sep-16 A	Engineering Design - Upgrade PS#0037, 0351, 0370, 0	
PS51440	EPA Compliance Date for Engineering Design - Upgrade PS#0037, 0351, 0370, 0403	0		05-Sep-16 A	◆ EPA Compliance Date for Engineering Design - Upgrad	de PS#0037, 0351, 0370, 0403
Permitting		314		15-Apr-17 A	▼ 15 Apr-17 A, Permitting	
PS71760	EPA Start Date for Permitting - Upgrade PS#0037, 0351, 0370, 0403	0	06-Sep-16 A		◆ EPA Start Date for Permitting - Upg rade PS#0037, 0351	,;0370,0403
PS10620	Permitting - Upgrade PS#0037, 0351, 0370, 0403	257	05-Jun-16 A	16-Feb-17 A	Pe mitting - Upgrade PS#0037, 0351, 03	
PS51450	EPA Compliance Date for Permitting - Upgrade PS#0037, 0351, 0370, 0403	0		15-Apr-17 A	◆ EPA Compliance Date for Permitting - U	Jograde PS#0037., 0351, 0370., 0403
Procurement		174	23-Nov-16 A	15-May-17 A	15-May-17 A, Procurement	
PS71770	EPA Start Date for Procurement - Upgrade PS#0037, 0351, 0370, 0403	0	29-Dec-16 A		◆ EPA Start Date for Procurement - Upgrade PS#0	0037, 0351, 0370, 0403
PS10690	Procurement - Upgrade PS#0037, 0351, 0370, 0403	164	23-Nov-16 A	05-May-17 A	Procurement - Upgrade P\$#0037, 035	
PS51460	EPA Compliance Date for Procurement - Upgrade PS#0037, 0351, 0370, 0403	0		15-May-17 A	◆ BPA Compliance Date for Proguemen	nt - Updrade PS#0.037, 0.351, 0.370, 0.403
Construction		264	12-Apr-17 A	31-Dec-17	. Date for Procurement 31-Dec-17, Construction	ón
PS71780	EPA Start Date for Construction - Upgrade PS#0037, 0351, 0370, 0403	0	16-May-17 A		◆ EPA Start Date for Construction - Upgr	råde PS#0037, 0351, 0370, 0403
PS10720	Construction - Upgrade PS#0037, 0351, 0370, 0403	199	12-Apr-17 A	27-Oct-17		de PS#0037, 0351, 0370, 0403
PS10750	Substantial Completion (CD Compliance Date 12/31/17) - Upgrade PS#0037, 0351, 0370, 0403	0		27-Oct-17*	◆ Substantial Completion (C	CD Compliance Date 12/31/17) - Upgrade PS#0037, 0351, 0370, 0403
PS51470	EPA Compliance Date for Construction - Upgrade PS#0037, 0351, 0370, 0403	0		31-Dec-17*		
5.17 (1) Pump Statio	on 0037 Compliance Project	832	05-Oct-15 A	13-Jan-18	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	efor Construction - Ungrade PS#0037, 0351, 0370, 0403. ump Station 0037 Compliance Project:
Pre-Design		68	31-Jan-16 A	08-Apr-16 A	▼ 08-Apr-16 A, Pre-Design	
PS20330	Negotiate Design Scope & Fee - PS#0037 Compliance Project	69	31-Jan-16 A	08-Apr-16 A	Negotiate Design Scope & Fee - PS#0037 Compliance Project	
Engineering Design		315	05-Oct-15 A	15-Aug-16 A	Negotiate Design Scope & Fee - PS#0037 Compliance Project 15-Aug-16 A Engineering Design	
PS35020	Site Selection - PS#0037 Compliance Project	2	23-Nov-15 A	24-Nov-15 A	ite Selection - PS#0037 Compliance Project	
PS35010	Preliminary Engineering/Site Assessment Report - PS#0037 Compliance Project	79	05-Oct-15 A	22-Dec-15 A	Preliminary Engineering/Site Assessment Report - PS#0037 Compliance	e'Project
PS35030	Land Acquisition - PS#0037 Compliance Project	98	24-Nov-15 A	29-Feb-16 A	Land Acquisition - PS#0037 Compliance Project	A
	30% Design Submittal - PS#0037 Compliance Project	53	12-Apr-16 A	03-Jun-16 A	30% Design Submittal - PS#0037 Compliance Project	

D Consent Dec	cree Schedule - June 2017 Update Activity Name	Original	Start	Standard Layo Finish	ut w Baseline (By Phase) 14-Jul-17 12:24 - Page No. 72
	Activity reality	Duration	Giail	1111511	2016 2017 2018 2019 2020 2021 2022 2022 2023
PS50490	30% Design Review - PS#0037 Compliance Project	7		10-Jun-16 A	■ 30% Design Review - PS#0037 Compliance Project
PS50500	90% Design Submittal - PS#0037 Compliance Project	56	11-Jun-16 A	05-Aug-16 A	90% Design Submittal - P\$#0037 Compliance Project
PS12552	Engineering Design - PS#0037 Compliance Project	316	05-Oct-15 A	15-Aug-16 A	Engineering Design - PS#0037 Compliance Project
PS41180	90% Design Review - PS#0037 Compliance Project	10	06-Aug-16 A	15-Aug-16 A	■ 90% Design Review - PS#0037 Compliance Project
ermitting		255	05-Jun-16 A	15-Feb-17 A	15-Feb-17 A, Permitting
PS41700	Site Plan Approval -PS#0037 Compliance Project	103	05-Jun-16 A	15-Sep-16 A	Site Plan Approval - PS#0037 Compliance Project
PS41730	FDOT Utility Permit - PS#0037 Compliance Project	20	14-Oct-16 A	02-Nov-16 A	■ FDOT Utility Permit - PS#0037 Compliance Project
PS41710	RER DERM Permit - PS#0037 Compliance Project	108	16-Aug-16 A	01-Dec-16 A	RER DERM Permit - PS#0037 Compliance Project
PS41740	City Of Miami Public Works Permit - PS#0037 Compliance Project	51	24-Oct-16 A	13-Dec-16 A	City Of Miami Public Works Permit - PS#0037 Compliance Project
PS12562	Permitting - PS#0037 Compliance Project	256	05-Jun-16 A	15-Feb-17 A	Pelmitting - PS#0037 Compliance Project
PS41720	City Of Miami Building Dept Permit - PS#0037 Compliance Project	115	24-Oct-16 A	15-Feb-17 A	City Of Miam Building Dent Permit - PS#0037 Compliance Project
ocurement		140	23-Nov-16 A	12-Apr-17 A	City Of Miam, Building Dept Permit - PS#0037 Compliance Project
PS33660	Design Documents Sent to Procurement - PS#0037 Compliance Project	0	23-Nov-16 A		♦ Design Documents Sent to Procurement - PS#0037 Compliance Project
PS33670	Submit/Approve SBD Goals and Request to Advertise - PS#0037 Compliance Project	63	23-Nov-16 A	24-Jan-17 A	Submit/Approve SBD; Goals; and Request to Advertise - PS#0037; Compliance; Project
PS33680	Advertise Bid Package - PS#0037 Compliance Project	0	25-Jan-17 A		◆ Advertise Bid Package - PS#0037 Compliance Project
PS33690	Bid Solicitation Period - PS#0037 Compliance Project	40	25-Jan-17 A	05-Mar-17 A	Bid Solicitation Period - PS#0037 Compliance Project
PS33700	Bids Due - PS#0037 Compliance Project	0	06-Mar-17 A		◆ Bids Due - PS#0037 Compliance Project
PS33710	Bid Review Period - PS#0037 Compliance Project	12	06-Mar-17 A	17-Mar-17 A	
PS33720	Award Recommendation - PS#0037 Compliance Project	0		17-Mar-17 A	■ Bid Review Period - PS#0037 Compliance Project A Award Recommendation - PS#0037 Compliance Project
PS12572	Procurement - PS#0037 Compliance Project	141	23-Nov-16 A	12-Apr-17 A	Rrocurement - PS#0037 Compliance Project
PS33730	Final Approvals - PS#0037 Compliance Project	26	18-Mar-17 A	12-Apr-17 A	
PS72560	P.O. Issued - PS#0037 Compliance Project	0		12-Apr-17 A	Final Approvals - PS#0037 Compliance Project
nstruction	1.0. Issued -1 Omoust Compliance Figure	250	09-May-17 A	13-Jan-18	P.O. Issued - P\$#0037, Compliance Project ▼ 13-Jan-18, Construction
S33740	Contractor Notice to Proceed (NTP) - PS#0037 Compliance Project	0	09-May-17 A	10-0411-10	
PS12592	Substantial Completion of PS and FM (CD Compliance Date 12/31/17) - PS#0037 Compliance Project	0	55 may 1771	05-Oct-17*	◆ Contractor Notice to Proceed (NTP) - P\$#0037 Compliance Project
PS12582	Construction - PS#0037 Compliance Project	210	09-May-17 A	04-Dec-17	◆ Substantial Completion of PS and FM (CD Compliance Date 12/31/17) - PS#0037 Compliance Project
S72010	·	0	09-101ay-17 A	04-Dec-17*	Construction - P\$#0037 Compliance Project
	Substantial Completion (Remaining Scope of Work) - PS#0037 Compliance Project		05 D 47	13-Jan-18*	◆ Substantial Completion (Remaining Scope of Work) - P\$#0037 Compliance Project
S40920	Project Closeout - PS#0037 Compliance Project	40	05-Dec-17	-	Project Closeoutt - PS#0037 Compliance Project 13-Jan-18, Project Administration
S35200	WASD Project Administration, DS#0027 Compliance Project	832 832	05-Oct-15 A	13-Jan-18	
	WASD Project Administration - PS#0037 Compliance Project		05-Oct-15 A	13-Jan-18	WASD Project Administration - PS#0037 Compliance Project ✓ 04-Feb-18, 5.17 (2) Pump Station No. 0β51 Upgrade;
. , .	ion No. 0351 Upgrade	752	15-Jan-16 A	04-Feb-18	12:Apr-16/A, Pre-Design
e-Design	Des Design - DC#0354 Ungende	88	15-Jan-16 A	12-Apr-16 A	
PS20340	Pre-Design - PS#0351 Upgrade		15-Jan-16 A	12-Apr-16 A	Pre-Design - PS#0351 Upg ade
ngineering Design	200/ Design Culturitte DC#0254 Heaveds	125	12-Apr-16 A	15-Aug-16 A	v v pragor, Egillong co.g.
PS50510	30% Design Submittal - PS#0351 Upgrade	53	12-Apr-16 A	03-Jun-16 A	30% Design Submittal - PS#0351 Upgrade
PS50520	30% Design Review - PS#0351 Upgrade	7	04-Jun-16 A	10-Jun-16 A	■ 30% Design Review - PS#0351 Upgrade
PS50530	90% Design Submittal - PS#0351 Upgrade	56	11-Jun-16 A	05-Aug-16 A	90% Design Submittal - P\$#0351 Upgrade
PS12602	Engineering Design - PS#0351 Upgrade	126	12-Apr-16 A	15-Aug-16 A	Engineering Design - PS#0351: Upgrade
PS50540	90% Design Review - PS#0351 Upgrade	10	06-Aug-16 A	15-Aug-16 A	
rmitting	DED DEDMIN AN DOMOGRAPH	196	15-Aug-16 A	27-Feb-17 A	V 27-re-17 A, remining
S41750	RER DERM Permit - PS#0351 Upgrade	113		06-Dec-16 A	RER DERM Permit - PS#0351 Upgrade
PS12612	Permitting - PS#0351 Upgrade	197	15-Aug-16 A	27-Feb-17 A	Pe mitting - Ps#0351 Upgrade
PS41760	Municipal PW Permit - PS#0351 Upgrade	127	24-Oct-16 A	27-Feb-17 A	Municipal PW Permit - PS#0351 Upgrade
S41780	City of Miami Gardens Building Dept Permit - PS#0351 Upgrade	127	24-Oct-16 A	27-Feb-17 A	City of Miamil Gardens Building Dept Permit - PS#0351 Upgrade
S50760	MDDTPW Permit - PS#0351 Upgrade	127	24-Oct-16 A	27-Feb-17 A	MDD PW Permit -PS#0351 Upgrade:
ocurement		164	23-Nov-16 A	05-May-17 A	MDD FW Permit -PS#0351.Upgrade 05-May-17 A, Procurement
S33750	Design Documents Sent to Procurement - PS#0351 Upgrade	0	23-Nov-16 A		♦ Design Documents Sent to Procurement - PS#0351 Upgrade
S33760	Submit/Approve SBD Goals and Request to Advertise - PS#0351 Upgrade	70	23-Nov-16 A	31-Jan-17 A	Submit Approve SBD Goals and Request to Advertise - PS#0351 Upgrade
S33770	Advertise Bid Package - PS#0351 Upgrade	0	01-Feb-17 A		♦ Advertise Bid Package - P\$#0351 Upgrade
S33780	Bid Solicitation Period - PS#0351 Upgrade	36	01-Feb-17 A	08-Mar-17 A	■ Bid Splicitation Period - PS#0351 Upgrade
33790	Bids Due - PS#0351 Upgrade	0	09-Mar-17 A		◆ Bids Due - PS#0351 Upgrade
S33800	Bid Review Period - PS#0351 Upgrade	13	09-Mar-17 A	21-Mar-17 A	■ Bid Review Period - PS#0351 Upgrade
S33810	Award Recommendation - PS#0351 Upgrade	0		21-Mar-17 A	Award Recbmmendation - PS#0351; Upgrade Award Recbmmendation - PS#0351; Upgrade
S12622	Procurement - PS#0351 Upgrade	164	23-Nov-16 A	05-May-17 A	Procurement PS#0351 Upgrade
S33820	Final Approvals - PS#0351 Upgrade	45	22-Mar-17 A	05-May-17 A	Final Arbrovals - PS#0351 Upgrade
372570	P.O. Issued - PS#0351 Upgrade	0		05-May-17 A	
nstruction		279	02-May-17 A	04-Feb-18	PO Issued - PS#0351_Up grade ▼ 04-Feb-18, Construction
S33830	Contractor Notice to Proceed (NTP) - PS#0351 Upgrade	0	02-May-17 A		
S12632	Construction - PS#0351 Upgrade	179	•	27-Oct-17	◆ Contractor Notice to Proceed (NTP) - P\$#0351 Upgrade Construction - P\$#0351 Upgrade
S12642	Substantial Completion (CD Compliance Date 12/31/17) - PS#0351 Upgrade	0		27-Oct-17*	1
S40930	Project Closeout - PS#0351 Upgrade	100	28-Oct-17	04-Feb-18*	◆ Substantial Completion (CD Compliance Date 12/31/17) - PS#0351 Upgrade
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		664	12-Apr-16 A 12-Apr-16 A	04-Feb-18 04-Feb-18	1
oject Administration	WASD Project Administration - PS#0351 Upgrade		12-ADI-10A	04-F6D-10	WASD Project Admihistration . PS#0351 Upgrade. ▼ 17-Dec-17, 5.17 (3) Pump Station No. 0370 Upgrade and Installation of FM
oject Administration PS35190	WASD Project Administration - PS#0351 Upgrade		· · · · · · · · · · · · · · · · · · ·	17 Doc 17	7. 17-Dec-17. 5. 17 (3) Pump Station No. 0370 Ungrade and Installation of FM
oject Administration PS35190 7 (3) Pump Station	WASD Project Administration - PS#0351 Upgrade ion No. 0370 Upgrade and Installation of FM	733	16-Dec-15 A	17-Dec-17	
oject Administration S35190 7 (3) Pump Station P-Design	ion No. 0370 Upgrade and Installation of FM	733 117	16-Dec-15 A 16-Dec-15 A	11-Apr-16 A	▼ 11-Apr-16 A, Pre-Design
oject Administration S35190 7 (3) Pump Statio	· · · · · · · · · · · · · · · · · · ·	733	16-Dec-15 A 16-Dec-15 A		

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PS50560	30% Design Review - PS#0370 Upgrade and FM Installation	18	31-May-16 A	17-Jun-16 A			+ + +		QZ QS	, Q	Q1 Q2	Q0 C	x+ Q1	QZ C	20 QT	Q1	QZ Q0	Q7 Q	1 42	20 Q7	+
PS50570	90% Design Submittal - PS#0370 Upgrade and FM Installation	35	18-Jun-16 A	22-Jul-16 A	30% Design Review - F								-								
PS12702	Engineering Design - PS#0370 Upgrade and FM Installation	134	12-Apr-16 A	23-Aug-16 A	90% Design Submitt																
PS50580	90% Design Review - PS#0370 Upgrade and FM Installation	32	· ·	23-Aug-16 A				1													
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PS50590	RER DERM Permit - PS#0370 Upgrade and FM Installation	105	24-Aug-16 A 24-Aug-16 A	06-Dec-16 A	1 1 1 1 1 1			1													
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PS50750	Municipal PWD Permit - PS#0370 Upgrade and FM Installation	9		16-Dec-16 A	■ Municipal	WD Permit - PS	#0370 Upgradė	and FM Ins	tallation		- 1		- 1				- 1			-	
PS50730	City of Miami Gardens Building Dept. Permit - PS#0370 Upgrade and FM Installation	47	08-Dec-16 A	23-Jan-17 A		iami Gardens Bu				de and FM	Installatio	on .									
PS12712	Permitting - PS#0370 Upgrade and FM Installation	176		15-Feb-17 A	Pe	mitting - PS#037	0 Upgrade and	FM Installa	tion												
PS50740	MDDTPW Permit - PS#0370 Upgrade and FM Installation	70	08-Dec-16 A	15-Feb-17 A	MDDT	W Permit - PS#0 Apr-17 A, Procure	0370 Upgrade a	nd FM Insta	lation			.ii		İ		1					
Procurement		135	23-Nov-16 A	06-Apr-17 A	06-	Apr-17 A, Procure	ment														
PS33930	Design Documents Sent to Procurement - PS#0370 Upgrade and FM Installation	0	23-Nov-16 A		◆ Design Doc	ments Sent to Pr	rocurement - PS	#0370 Upg	rade and FI	M Installa	tion										
PS33940	Submit/Approve SBD Goals and Request to Advertise - PS#0370 Upgrade and FM Installation	71	23-Nov-16 A	01-Feb-17 A	Submit	Approve SBD Goa	als and Reques	t to Advertis	e - PS#037	70 Uparad	le and FM	İnstallatio	n	- 1		: :	-				
PS33950	Advertise Bid Package - PS#0370 Upgrade and FM Installation	0	02-Feb-17 A			e Bid Package - I		1	1 1	- 1											
PS33960	Bid Solicitation Period - PS#0370 Upgrade and FM Installation	36	02-Feb-17 A	09-Mar-17 A		plicitation Period	1 1 1	1	1 1	1 1											
PS33970	Bids Due - PS#0370 Upgrade and FM Installation	0	10-Mar-17 A		1 1 1 1 1 1	Due - PS#0370 U	i i i	i	i i	OII				- 1		1 1				-	
PS33980	Bid Review Period - PS#0370 Upgrade and FM Installation	7	10-Mar-17 A	16-Mar-17 A	1 : : : : : :	1 1 1	· T	!	!!!												
PS33990	Award Recommendation - PS#0370 Upgrade and FM Installation	0		16-Mar-17 A		eview Period - Ps		1	1 1	. i. i											
PS12722	Procurement - PS#0370 Upgrade and FM Installation	135	23-Nov-16 A	06-Apr-17 A		d Recommendati				ıatıon	1	1	-	į	į	1			-		
PS34000	Final Approvals - PS#0370 Upgrade and FM Installation	21	17-Mar-17 A	06-Apr-17 A	1 1 1 1 1 1	rocurement - PS#		1	1					!						1	
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PS41790	P.O. Issued - PS#0370 Upgrade and FM Installation	0		06-Apr-17 A	♦ P.C	Issued - PS#037 17-	70 Up grade an c	FM Jhstalla	tion			·				ļļ.		,			
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PS34010	Contractor Notice to Proceed (NTP) - PS#0370 Upgrade and FM Installation	0	12-Apr-17 A		♦ <u>Co</u>	tractor Notice to															
PS12732	Construction - PS#0370 Upgrade and FM Installation	180	12-Apr-17 A	08-Oct-17	_	Co	onstruction - PS	#0370 Upgi	rade and FN	M Installat	tion										
PS12742	Substantial Completion (CD Compliance Date 12/31/17) - PS#0370 Upgrade and FM Installation	0		08-Oct-17*	_	Substan	ntial Completion	(CD Com	diance Dat	te 12/31/1	7) - PS#03	70 Updra	de and FM	Installat	tion	1 1				-	
PS40950	Project Closeout - PS#0370 Upgrade and FM Installation	70	09-Oct-17	17-Dec-17*		1 1	1 1 1	!	1 1												- }
Project Administration	n	615	12-Apr-16 A	17-Dec-17	V	17-	iect Closeout : Dec-17, Projec	Administra	tion												
PS35170	WASD Project Administration - PS#0370 Upgrade and FM Installation	615	12-Apr-16 A	17-Dec-17		WA WA	SD Project Adr	ninistration	- PS#0370	Ungrade	and FM In	stallation									
5.17 (4) Pump Sta	ation 0403 Upgrade	739	16-Dec-15 A	23-Dec-17		√ 23	SD Project Adr -Dec-17, 5.17 (4) Pump Sta	tion 0403 L	Upgrade		L			1	1					
Pre-Design		117	16-Dec-15 A	11-Apr-16 A	11-Apr-16 A, Pre-Design				}			† <u>†</u>									
PS20380	Pre-Design - PS#0403 Upgrade	118	16-Dec-15 A	11-Apr-16 A	Dro Dooise DO#040311 loos	de															
Engineering Design		147	11-Apr-16 A	05-Sep-16 A	Pre-Design - PS#0403 Upgr :05-Sep-16 A Eng	neering Design			:			11				11-			-11-		-1-
PS50610	30% Design Submittal - PS#0403 Upgrade	63	12-Apr-16 A	13-Jun-16 A	1 1 1 1 1 1									- 1							
PS50640	30% Design Review - PS#0403 Upgrade	37	14-Jun-16 A	20-Jul-16 A	30% Design Submittal	i 1111	i i i							į							
PS50650	90% Design Submittal - PS#0403 Upgrade	41	21-Jul-16 A	30-Aug-16 A	30% Design Review	1 1	1 1 1							1							
PS12802	Engineering Design - PS#0403 Upgrade	148	11-Apr-16 A	05-Sep-16 A	90% Design Subn																
PS50660			· · · · · · · · · · · · · · · · · · ·	05-Sep-16 A	1 1 1 1 1 1	1 1 1															
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PS50620	RER DERM Permit - PS#0403 Upgrade	74		17-Nov-16 A	RER DERM	Permit - PS#0403	Upgrade									1 1					
PS50720	MDDTPW Permit - PS#0403 Upgrade	19	08-Dec-16 A	26-Dec-16 A		Permit - PS#0403					- 1			- 1		1 1				-	- 1
PS12812	Permitting - PS#0403 Upgrade	165	05-Sep-16 A	16-Feb-17 A	- : : : :	mitting - PS#040	3 Upgrade							- 1						-	
PS50630	RER Building Dept. Permit - PS#0403 Upgrade	71	08-Dec-16 A	16-Feb-17 A	RER E	uilding Dept, Pen pr-17 A, Procure	mit - PS#0403 l	lpgrade	<u> </u>							<u> </u>					j
Procurement		134	23-Nov-16 A	05-Apr-17 A	05-	pr-17 A, Procurei	ment				- 1			- 1		1 1					
PS34110	Design Documents Sent to Procurement - PS#0403 Upgrade	0	23-Nov-16 A		◆ Design Doc	ments Sent to Pr	rocurement - PS	#0403 Upa	rade												
PS34120	Submit/Approve SBD Goals and Request to Advertise - PS#0403 Upgrade	58	23-Nov-16 A	19-Jan-17 A	1 1 1 1 1 11	pprove SBD Goa	1 1 1	1 11	; ;	: I3 Ungrade											
PS34130	Advertise Bid Package - PS#0403 Upgrade (T2290)	0	20-Jan-17 A		1 : : : : :	Bid Package - P	1 1 1	- 1		pgidde				- 1				. !			
PS34140	Bid Solicitation Period - PS#0403 Upgrade	39	20-Jan-17 A	27-Feb-17 A		licitation Period								1							
PS34150	Bids Due - PS#0403 Upgrade	0	28-Feb-17 A		1 1 1 1 1 1	i i	1 1 1	aue						-				. !			
PS34160	Bid Review Period - PS#0403 Upgrade	9	28-Feb-17 A	08-Mar-17 A		ue - PS#0403 Up	1 1 1	į			į	1	-	į	į						- 1
PS34170	Award Recommendation - PS#0403 Upgrade	0		08-Mar-17 A		eview Period - PS	i i i	i						į							- 1
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PS12822	Procurement - PS#0403 Upgrade	134	23-Nov-16 A	05-Apr-17 A		rocurement - PS#	#u4u3 Upgrade														
PS34180	Final Approvals - PS#0403 Upgrade	28	09-Mar-17 A	05-Apr-17 A		lApprovals - PS#	1 1 1	į			į	1 1	-	į	į			. !			
PS41800	P.O. Issued - PS#0403 Upgrade	0		05-Apr-17 A	<u>♦ P.C</u>	Issued - PS#040 23	3.Upgrade	L	ļļ			ļļ				ļļ.					
Construction		250	18-Apr-17 A	23-Dec-17	1 1 Y	23-	-Dec-17, Const	uction													
PS34190	Contractor Notice to Proceed (NTP) - PS#0403 Upgrade	0	18-Apr-17 A		♦ Co	ntractor Notice to	Proceed (NTP)	- PS#0403	Upgrade									, !			
PS12842	Substantial Completion of PS and FM (CD Compliance Date 12/31/17) - PS#0403 Upgrade	0		14-Sep-17*		1 1	al Completion	1	1 - 1	npliance [Date 12/31	/17) - PS#	0403 Updi	ade	-						- }
PS12832	Construction - PS#0403 Upgrade	180	18-Apr-17 A	14-Oct-17	_		onstruction - P\$						1	-				. !			
PS72020	Substantial Completion (Remaining Scope of Work) - PS#0403 Upgrade	0		14-Oct-17*		Substan	ntial Completio	(Remaini	na Scope o	of Work)	PS#0403 I	lograde			į			.			
PS40970	Project Closeout - PS#0403 Upgrade	70	15-Oct-17	23-Dec-17*	1	1 1	1 1 1	- 1		, . Onk) - I	. 5., q+05 C	- Larane		į							
Project Administration	1.5	622	11-Apr-16 A	23-Dec-17		23-	piect Closeout Dec-17, Projec	Administra	ation												7
PS35150	WASD Project Administration - PS#0403 Upgrade	622	11-Apr-16 A	23-Dec-17		1 1		- 1	: :	llnama-				-							
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PS71790	EPA Start Date for Engineering Design - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236	0	31-Mar-17 A	20.0 :=:	♦ EPA	Start Date for En	gineering Desig	ın - Upgrade	e PS#0441,	, 0491, 07	10, 0827,	0852, 123	6	:							
PS51480	EPA Compliance Date for Engineering Design - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236	0		30-Sep-17*	4	◆ EPA Con	n pliance Date f	or Engin eer	ing Design	ı - Upgrade	e PS#0441	0491 0	710, 0827	0852 12	236			.			
PS10710	Engineering Design - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236	205	09-Mar-17 A	28-Nov-17		Engi	neering Design	- Upgrade I]	i_		l					<u> </u>
Permitting		232	10-Jul-17	26-Feb-18		· ·	26-Feb-18, Pe	mitting		1	1	1							1		-
PS71800	EPA Start Date for Permitting - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236	0	01-Oct-17*		1 1 1 1 i i	ı i	- i i	1	1 1	- i	1	1 1	. i	i	1	i i	- i i		1 1		





	ee Schedule - June 2017 Update	1				Baseline (By Phase)												Jul-17 12:24 - Page No				
ity ID	Activity Name	Original Duration	Start	Finish	2016 Q1 Q2 Q3	T 04 01	2017	01 01 1	2018	2019 Q1 Q2 Q		202		1 01	2021	104 0	2022		2023			
PS41020	Project Closeout - PS#0827 Compliance Project	90	07-Dec-18	06-Mar-19*	Q1 Q2 Q3	Q4 Q1	QZ Q3	CH QI	JZ Q3 Q4						QZ QJ	Q4 Q	21 QZ V	20 Q4	Q1 Q2	20 (24		
Project Administration		705	09-Mar-17 A	06-Mar-19		T	1 1		1 1	06-Mar-19	9, Project	PS#0827 Cdr Administratio	n ;	1-IUIECL		1 1		1 1	1 1	1 1		
PS35110	WASD Project Administration - PS#0827 Compliance Project	705	09-Mar-17 A	06-Mar-19			!			WASD P	Project Adn	ninistration - Pump Station	PS#0827	Compliar	rce Projec	it						
5.18 (5) Pump Station	n 0852 Compliance Project	819	06-Dec-16 A	04-Mar-19	ļļ					04-Mar-19	9, 5.18 (5)	Pump Station	n 0852 Co	ompliance	Project							
Pre-Design		111	06-Dec-16 A	27-Mar-17 A			27-Mar-17 A	, Pre-Design														
PS20450	Pre-Design - PS#0852 Compliance Project	112		27-Mar-17 A	ļļļ	·	Pre-Design	- PS#0852 C	ompliance Proje ering Design	ct												
Engineering Design PS72450	30% Design Submittal - PS#0852 Compliance Project	104	28-Mar-17 A 28-Mar-17 A	09-Jul-17 15-May-17 A	-																	
PS72460	30% Design Review - PS#0852 Compliance Project	10	16-May-17 A	25-May-17 A	1 1		1 1 1	1 1	1 1	npliance Project	t											
PS72470	100% Design Submittal - PS#0852 Compliance Project	14	26-May-17 A	30-Jun-17	1			; ;	PS#0852 Com	1 1 1												
PS13152	Engineering Design - PS#0852 Compliance Project	83	•	09-Jul-17	1		100%			Compliance Pro 52 Compliance I					į			i i				
PS72480	100% Design Review/Permit Ready Submittal - PS#0852 Compliance Project	9	01-Jul-17	09-Jul-17	1	'	1000	-1	1 1	1 11 1												
Permitting		120	10-Jul-17	06-Nov-17	<u> </u>	· †	1	© Design Rey ■ 06-Nov-17	, Permitting	ly Submittal - PS	:5#U052.C	oripiiance Pi	oleci:									
PS72490	RER/DERM Pemit - PS#0852 Compliance Project	60	10-Jul-17	07-Sep-17	1			; RER/DERM: P	emit - PS#0852	Compliance Pro	roject											
PS13162	Permitting - PS#0852 Compliance Project	120	10-Jul-17	06-Nov-17						2 Compliance P												
PS72500	County Bldg Dept Permit - PS#0852 Compliance Project	60	08-Sep-17	06-Nov-17				County Bl	da Dept Permit -	PS#0852 Comp	pliance Pr	piect :										
PS72510	Public Work Permit - PS#0852 Compliance Project	60	08-Sep-17	06-Nov-17]jj		: : :	1 1		0852 Complianc	: :					.]]]]]].				
Procurement		243	10-Jul-17	09-Mar-18				0:	9-Mar-18, Procur	ement												
PS71980	GMOU submittal and approval - PS#0852 Compliance Project	20	10-Jul-17	29-Jul-17			□ GM	IOU submittal	and approval -	PS#0852 Compl	oliance Pro	ject										
PS71900	Internal Bid Package Review - PS#0852 Compliance Project	3	07-Nov-17	09-Nov-17				I Internal B	d Package Revi	ew - PS#0852 C	Complian	ce Project										
PS34740	Design Documents Sent to Procurement - PS#0852 Compliance Project	0	10-Nov-17		1			1 1	1 11	o Procurement -	1 1	1 1	Project									
PS34750	Submit/Approve SBD Goals and Request to Advertise - PS#0852 Compliance Project	30	10-Nov-17	09-Dec-17				Submit	Approve SBD G	als and Redues	st to Adve	tise - PS#085	52 Compli	iance Proj	ect							
PS34760	Advertise Bid Package - PS#0852 Compliance Project	0	10-Dec-17					i i	i i	PS#0852 Comr	- 1	1 1			į							
PS34770	Bid Solicitation Period - PS#0852 Compliance Project	45	10-Dec-17	23-Jan-18				i Bid S	Solicitation Perio	od - PS#0852 Co	om pliance	Project										
PS34780	Bids Due - PS#0852 Compliance Project	0	24-Jan-18					♦ Bids	Due - PS#0852	Compliance Pro	oject											
PS34790	Bid Review Period - PS#0852 Compliance Project	15	24-Jan-18	07-Feb-18				☐ Bid	Review Period -	PS#0852 Comp	pliance Pr	oject :										
PS34800	Award Recommendation - PS#0852 Compliance Project	0		07-Feb-18				◆ Awa	ard Recommend	lation - PS#0852	2 Complia	nce Project										
PS13172	Procurement - PS#0852 Compliance Project	120	10-Nov-17	09-Mar-18					Procurement - F	S#0852 Compli	ian¢e Proj	ect										
PS34810	Final Approvals (BCC, Mayor, Risk Mgmt.) - PS#0852 Compliance Project	30	08-Feb-18	09-Mar-18				i. 🗖 🛅	nal Approvals (E	C.C. Mayor Rist	k.Mamt.)	PS#0852.Cb	mpliance	Project -								
Construction		360	10-Mar-18	04-Mar-19				V	1 1	04-Mar-19	9, Constru	ction										
PS34820	Contractor Notice to Proceed (NTP) - PS#0852 Compliance Project	0	10-Mar-18					♦ <u>c</u>	ontractor Notice	to Proceed (NTI				et .								
PS13182	Construction - PS#0852 Compliance Project	270	10-Mar-18	04-Dec-18	1			<u> </u>		Construction	ı - P\$#085	2 Compliance	Project									
PS13192	Substantial Completion (CD Compliance Date 12/31/18) - PS#0852 Compliance Project	0		04-Dec-18*					•	Substantial Cor	mpletion	CD Complian	nce Date	12/31/18)	- PS#0852	2 Complian	nce Project					
PS41040	Project Closeout - PS#0852 Compliance Project	90	05-Dec-18	04-Mar-19*	ļļļ.					Project C	Closeout -	PS#0852 Con Administratio	npliance	Project.								
Project Administration	WASS Project Administration DS#0052 Compliance Project	686 686	28-Mar-17 A	04-Mar-19		'						- 1 1										
PS35100	WASD Project Administration - PS#0852 Compliance Project	784	28-Mar-17 A 01-May-17 A	04-Mar-19 24-Jun-19	ļ					WASD P	Project Adn 24-Jun-19	ninistration E	PS#0852	Complian 1236 Com	ce Project	t roiect						
Pre-Design	n 1236 Compliance Project	62	30-Jun-17	30-Aug-17	ļļ		3	0-Aug-17, Pre	-Design	ļ <u>-</u>												
PS20460	Pre-Design - PS#1236 Compliance Project (Non-CD Phase II)	62	30-Jun-17*	30-Aug-17	1		: :	T I	1 1									1 1				
Engineering Design		90	31-Aug-17	28-Nov-17	 	+		re-Design - F 28-Nov-1	7, Engineering [ance Project (No Design	Ion-CD-Ph	ase JI)										
PS13202	Engineering Design - PS#1236 Compliance Project (Non-CD Phase II)	90	31-Aug-17	28-Nov-17		•		Enginee	ing Design - PS	#1236 Compliar	nce Projec	t (Non-CD Pr	nase İI)		1							
Permitting		90	29-Nov-17	26-Feb-18	1 1 1	1 1			-Feb-18, Permitt													
PS13212	Permitting - PS#1236 Compliance Project (Non-CD Phase II)	90	29-Nov-17	26-Feb-18	1		-	Pe		36 Compliance	Project (N	lon-CD Phase	e II)									
Procurement		213	29-Nov-17	29-Jun-18				-	29-Jun-18	, Procurement												
PS71990	GMOU submittal and approval - PS#1236 Compliance Project (Non-CD Phase II)	20	29-Nov-17	18-Dec-17				GMOU	submittal and a	pproval - PS#12	236 Comp	liance Project	t (Non-CD	Phase II))							
PS71910	Internal Bid Package Review - PS#1236 Compliance Project (Non-CD Phase II)	3	27-Feb-18	01-Mar-18				I Int	emal Bid Packa	ge Review - PS	S#1236 Cd	mpliance Pro	ject (Non	-CD Phas	e II)							
PS34830	Design Documents Sent to Procurement - PS#1236 Compliance Project (Non-CD Phase II)	0	02-Mar-18					♦ De	esign Document	s Sent to Procur	rement - F	S#1236 Com	pliance P	Project (No	n-CD Pha	se II)						
PS34840	Submit/Approve SBD Goals and Request to Advertise - PS#1236 Compliance Project (Non-CD Phase II)	30	02-Mar-18	31-Mar-18					Submit/Approve	SBD Goals and	Request	to Advertise	PS#1236	Complia	nce Projec	t (Non-CD	Phase II)					
PS34850	Advertise Bid Package - PS#1236 Compliance Project (Non-CD Phase II)	0	01-Apr-18		1			1 1	1 1	ckage - PS#123		1 1	9	1 1								
PS34860	Bid Solicitation Period - PS#1236 Compliance Project (Non-CD Phase II)	45	01-Apr-18	15-May-18	1			i i	i i	on Period - PS#1	i i	1 1	i	i i	II)							
PS34870	Bids Due - PS#1236 Compliance Project (Non-CD Phase II)	0	16-May-18						1 1	#1236 Complia	1 1	1 1										
PS34880	Bid Review Period - PS#1236 Compliance Project (Non-CD Phase II)	15	16-May-18	30-May-18	1				Bid Review	Period - PS#123	36 Compli	ance Project ((Non-CD F	Phase II)	-							
PS34890	Award Recommendation - PS#1236 Compliance Project (Non-CD Phase II)	0		30-May-18	1					mmendation - P					se II)							
PS13222	Procurement - PS#1236 Compliance Project (Non-CD Phase II)	120	02-Mar-18	29-Jun-18	1				Procurem	ent - P\$#1236 C	Complianc	e Project (Nor	n-CD Pha	ise II)	į							
PS34900	Final Approvals (BCC, Mayor, Risk Mgmt.) - PS#1236 Compliance Project (Non-CD Phase II)	30	31-May-18	29-Jun-18	ļķķ		<u> </u>	<u>ll.</u>	Final Appr	ovals (BCC, Mar	yor Risk I	Mamt.) - PS#1	1236. Com	noliance P	roiect (No	n-CD Phas	se.Џ)					
Construction	Dhood Cubatostial Completion Inspection (OD Completions Date 40(04/40) D0//4000 Completion Inspection (OD Completions Date 40(04/40) D0//4000 Completion Inspection (OD Completions Date 40(04/40) D0//4000 Completion Inspection (OD Completions Date 40(04/40) D0//4000 Completion Inspection (OD Completions Date 40(04/40) D0//4000 Completion Inspection (OD Completions Date 40(04/40) D0//4000 Completion Inspection (OD Completions Date 40(04/40) D0//4000 Completion Inspection (OD Completions Date 40(04/40) D0//4000 Completion Inspection (OD Completions Date 40(04/40) D0//4000 Completion Inspection (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//4000 Completion (OD Completions Date 40(04/40) D0//400 Completion (OD Completions Date 40(04/40) D0//400 Completion (OD Completions Date 40(04/40) D0//40(04/40) D0//400 Completion (OD Completions Date 40(04/40) D0//400 Completion (OD Completions Date 40(04/40) D0//400 Completion (OD Completions Date 40(04/40) D0//400 Completion (OD Completions Date 40(04/40) D0//400 Completion (OD Completions Date 40(04/40) D0//400 Completion (OD Completions Date 40(04/40) D0//400 Completion (OD Completions Date 40(04/40) D0//400 Co	784	01-May-17 A	24-Jun-19	1					2	4-Jun-19,	Construction										
PS13242	Phase I Substantial Completion Inspection (CD Compliance Date 12/31/18) - PS#1236 Compliance Project	0	30 lun 10	01-May-17 A	1		♦ Phase IS	Substantial Co		tion (CD Compl	1 1					ct						
PS34910	Phase II Contractor Notice to Proceed (NTP) - PS#1236 Compliance Project		30-Jun-18	26 Mar 10	1				Phase II C	ontractor Notice	e to Proce	ed (NTP) - P\$	#1236 Co	mpliance	Project							
PS72540	Phase II Construction (Non-Consent Decree) - PS#1236 Compliance Project	270	30-Jun-18	26-Mar-19	1					Phase I	II Constru	ction (Non-Co	nsent De	cree) - PS	#1236 Cor	mpliance F	Project					
PS72550	Phase II Substantial Completion (Non-Consent Decree) - PS#1236 Compliance Project	0	27 Mar 40	26-Mar-19	-					1 1 1		tial Completio	1	1 1	1	S#1236 Co	mpliance P	roject				
PS41050	Project Closeout - PS#1236 Compliance Project	90	27-Mar-19	24-Jun-19	∤ ∤	. 		<u></u>	<u></u>		Project Clo	seout - PS#1 Project Admir	236 Com	pliance P	rojeot							
Project Administration	WASD Project Administration DS#1/236 Compliance Project	663	31-Aug-17	24-Jun-19	1		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			i i i	1 1	1 1	- 1	1 1	į							
PS35090	WASD Project Administration - PS#1236 Compliance Project	663	31-Aug-17	24-Jun-19 18-Mar-16 A	18-Mar-16	A. 5.19: SC A	DA RTU Unar	ades			NASD Pro	ect Administr	ration - PS	S#1236.Cd	mpliance	Project						
19 SCADA RTU U	pyracies	899	01-Oct-13 A		18-Mar-16	1 1	1 17			ļļļ						.		-				
Construction DS71830	EDA Start Date for Construction DS SCADA DTILLIngrades	899	01-Oct-13 A	18-Mar-16 A	To-ivial-16	, white	ψ11															
PS71830	EPA Start Date for Construction - PS SCADA RTU Upgrades		01-Oct-13 A	22 No. 45 A	ades										į							
PS10020	Construction - PS SCADA RTU Upgrades	784	01-Oct-13 A	23-Nov-15 A	1 : :	1 1	A RTU U pgra	1 1														
PS10530	Substantial Completion (CD Compliance Date 3/18/16) - PS SCADA RTU Upgrades	0		23-Nov-15 A	ubstantial Comp	létion (CD Co	mnliance Dat	e 3/18/16) - P	SSCADARTUL	Ingrades			- 1	- 1	- 1		- 1	1 1	1 1			

	cree Schedule - June 2017 Update				yout w Baseline (By Phase) 14-Jul-17 12:24 - Page No. 77
ity ID	Activity Name	Original Duration	Start	Finish	2016 2017 2018 2019 2020 2021 2022 2023 2 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 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1
PS51520	EPA Compliance Date for Construction - PS SCADA RTU Upgrades	0		18-Mar-16 A	A Procure Data Continue Decomposition
. Supplemental	Environmental Project	1657	20-Oct-14 A	03-May-19	▼. EPA Compilarice Date for Construction - P.S. SCADAR to Oppraces. ▼ 03-May-19, 6. Supplemental Environmental Project
Engineering Design		670	08-Jun-15 A	08-Apr-17 A	08-Apr-17A, Engineering Design
PM10000	Engineering Design - SEP	535	08-Jun-15 A	23-Nov-16 A	A Engineering Design - SEP
PM10005	Compliance Milestone Achieved - SEP Design (CD Compliance Date 4/8/2017)	0		08-Apr-17 A	A Compliance Milestone Achieved SEP Design (CD Compliance Pate 4/8/2017)
PM50190	EPA Compliance Date for Engineering Design - SEP	0		08-Apr-17 A	
Construction		1212	14-Dec-15 A	08-Apr-19	▼ 08-Apr-19 Construction
PM50010	Construction Summary - SEP	1092	14-Dec-15 A	02-Feb-19	Construction Summary - SEP
PM10015	Substantial Completion - SEP Construction (CD Compliance Date 4/8/2019)	0		02-Feb-19*	
PM50200	EPA Compliance Date for Construction Summary - SEP	0		08-Apr-19*	▶ EPA Compliance Date for Construction Summary - SEP. ▼ 03-May-19, 6.0 Supplemental Environmental Project (SEP)
6.0 Supplemental E	Environmental Project (SEP)	1657	20-Oct-14 A	03-May-19	▼ 03-May-19, 6.0 Supplemental Environmental Project (SEP)
Pre-Design		230	20-Oct-14 A	07-Jun-15 A	4 Pre-Design
PM10190	Pre-Design - SEP	231	20-Oct-14 A	07-Jun-15 A	
Engineering Design		534	08-Jun-15 A	23-Nov-16 A	
PM20000	Basis of Design Report (BODR) - SEP	99	08-Jun-15 A	14-Sep-15 A	
PM20010	BODR Review Period - SEP	53	15-Sep-15 A	06-Nov-15 A	PDR Review Pellop - SEP
PM21111	Negotiate Scope & Fee for Balance of Design - SEP	173	28-Aug-15 A	16-Feb-16 A	Negotiate Scope & ree for barance or besign - SER
PM20020	30% Design Submittal - SEP	136	17-Feb-16 A	01-Jul-16 A	
PM20030	30% Design Review - SEP	17	02-Jul-16 A	18-Jul-16 A	Supplies the supplies of the supplies the su
PM20040	60% Design Submittal - SEP	60	19-Jul-16 A	16-Sep-16 A	United to the sign Subjection of Subjection of Subjection of Subjection of Subjection of Subjection of Subjection of Subjection of Subjection of Subjection of S
PM20050	60% Design Review - SEP	7	17-Sep-16 A	23-Sep-16 A	
PM50360	Engineering Design - SEP	535	08-Jun-15 A	23-Nov-16 A	Engineering Pesign - SEP
PM20060	100% Design Submittal - SEP	61	24-Sep-16 A	23-Nov-16 A	100% Design Submittal SEP :
Permitting		339	23-Nov-16 A	27-Oct-17	
PM50170	FDOT Permit - SEP	97	23-Nov-16 A	27-Feb-17 A	A PDOT Permit - SEP
PM50150	RER (DERM) Pemit - SEP	106	13-Jan-17 A	28-Apr-17 A	RER (DERM) Permit-SEP
PM50160	MDDTPW Permit - SEP	106	13-Jan-17 A	28-Apr-17 A	_
PM50390	MDC Fire-Derm Permit - SEP	60	19-Jun-17 A	28-Aug-17	
PM10170	Permitting - SEP	325	23-Nov-16 A	27-Oct-17	
PM50400	FDOH Permit - SEP	60	29-Aug-17*	27-Oct-17	
Procurement		575	01-Nov-16 A	29-May-18	
PM50420	GMOU submittal and approval - SEP	20	08-Jun-17 A	30-Jun-17	
PM50210	Internal Bid Package Review - SEP	3	29-Aug-17	31-Aug-17	
PM35010	Design Documents Sent to Procurement - SEP	0	01-Sep-17		1 Internal Bid Package Review - pcr
PM35020	Request to Advertise - SEP	30	01-Sep-17	30-Sep-17	◆ Design Documents Sent to Procurement - \$EP
PM35030	Advertise Bid Package - SEP	0	01-Oct-17		Request to Advenuse - SEP
PM35040	Bid Solicitation Period - SEP	45	01-Oct-17	14-Nov-17	→ Advertise Bid Package - SEP
PM35050	Bids Due - SEP	0	15-Nov-17		Bid Solicitation Penod - SEP
PM35060	Bid Review Period - SEP	15	15-Nov-17	29-Nov-17	— Bids Due - SEP
PM35070	Award Recommendation - SEP	0		29-Nov-17	B Bu Review Period - SEP
PM10180	Procurement - SEP	120	01-Sep-17	29-Nov-17 29-Dec-17	
PM35080	Final Approvals (BCC, Mayor, Risk Mgmt.) - SEP	30	30-Nov-17	29-Dec-17 29-Dec-17	Produrement - SEP
			30-1107-17		Final Approvais (BCC, Mayor, Risk Mgmt.) - Ser,
PM50140	P.O. Issued - SEP	0	04.11 40.4	29-Dec-17	
PM50430	39th Street Construction Easement - SEP	575	01-Nov-16 A	29-May-18	Sout Site doubtiguout Ease well - SEF
Construction	Contractor Notice to Proceed (NTD) SED	535	15-Nov-17	03-May-19	
PM35090 PM50560	Contractor Notice to Proceed (NTP) - SEP Construction - SEP Water Supply Line (Non-Consent Decree)	400	30-Dec-17 15-Nov-17	19-Dec-18	◆ Contractor Notice to Proceed (NTP) - SEP
PM10010	Construction - SEP Water Supply Line (Non-Consent Decree)	400	30-Dec-17	02-Feb-19	Construction - SEP water Supply Line (Non-consent Decree)
PM50410	Substantial Completion (CD Compliance Date 4/8/19) - SEP	400	30-D60-17	02-Feb-19 02-Feb-19	Construction -Ser
	, , , ,	30	02 Feb 10		▼ Substantial Compliance Date 4/07/9) - SEF
PM10160	SEP Completion Report to EPA		03-Feb-19	04-Mar-19	SEP Completion Report to EPA
PM50110	Project Closeout - SEP	90	03-Feb-19	03-May-19*	
Project Administration PM50100	WASD Project Administration - SEP	1371	08-Jun-15 A 08-Jun-15 A	03-May-19 03-May-19	
	·	726	09-Jun-15 A	03-Jul-17	WASD Project Administration SEP
6.1 SEP (Early Phas	ise work)				
Engineering Design PM30000	Design - Early Phase SEP	41 42	09-Jun-15 A 09-Jun-15 A	20-Jul-15 A 20-Jul-15 A	
Permitting	Doorgii Laity i Hado OLi	2	21-Jul-15 A	23-Jul-15 A	Egily (114) Egily
PM30010	Permitting - Early Phase SEP	3	21-Jul-15 A 21-Jul-15 A	23-Jul-15 A 23-Jul-15 A	,
Procurement		94	08-Sep-15 A	11-Dec-15 A	U. Early Finase acr
PM35100	Design Documents Sent to Procurement - Early Phase SEP	0	08-Sep-15 A	11-Dec-13 A	
PM35110	Submit/Approve SBD Goals and Request to Advertise - Early Phase SEP	21	08-Sep-15 A	28-Sep-15 A	h Documents Sent to Procurement - Early Phase SEP
PM35120	Advertise Bid Package - Early Phase SEP	0	28-Sep-15 A	20 30p 10 A	III/Applove SbD Goals and Requestio Advertise - Early Flase ScF
PM35130	Bid Solicitation Period - Early Phase SEP	23	28-Sep-15 A	20-Oct-15 A	tise Bid Package;- Early Phase SEP
PM35140	Bids Due - Early Phase SEP	0	21-Oct-15 A	20 00E-10 A	Solidation Fellou - Early Fridate SEF
PM35150	Bid Review Period - Early Phase SEP	9	21-Oct-15 A	29-Oct-15 A	s Due - Early Phase SEP
	· ·	0	21-001-13A		The view Fellou - Cally Filase SEF
PM35160	Award Recommendation - Early Phase SEP Final Approvals (BCC, Mayor, Risk Mgmt.) - Early Phase SEP	18	30-Oct-15 A	29-Oct-15 A 16-Nov-15 A	alu Recommendation - Early Fridse per in the international

/ ID	cree Schedule - June 2017 Update Activity Name	Original Start	Standard Lay	ayout w Baseline (By Phase) 14-Jul-17 12:24 - Page No. 7 2016 2017 2018 2019 2020 2021 2022 2023
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CM10641	Miami-Dade Review of First Revision to VSC Plan of Compliance	30 30-Aug-17	28-Sep-17	Each VSC Makes Collections to Flantor Compilative as Required by Milatin-Dade
CM11040	Second Revision to VSC Plan of Compliance (If Necessary)	30 29-Sep-17	28-Oct-17	mianti-Dade Review of Frist Revision to VSC Plan of Compliance
CM11050	Miami-Dade Review of Second Revision to VSC Plan of Compliance	30 29-Oct-17	27-Nov-17	Second Revision to VSC Plan of Computance (in Necessary)
CM11000	Plan of Compliance Approved - VSC Ordinance Program	0	27-Nov-17	Miami-Dade Review of Second Revision to VSC Plan of Compliance
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CM11090	VSCs Submit Annual Report Describing Changes Necessary to Update CMOM Program	0	31-Jan-19	▼ vScs Submit Annual Report Describing Charges Necessary to p polate CMOM Program
CM11030	Remedy all FM Deficiencies Discovered in Initial Inspection (VSC)	1828 28-Nov-17	29-Nov-22	▼ vscs submit Amidal Reput Describing Charles Necessary to opdate Civio in Prodam
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	e (FOG) Control Program			
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CM10070 CM10430	•	00-Dec-13 A	08-Jun-15 A 08-Jun-15 A	A CONSIGNATION OF THE STATE OF
	Compliance Submittal Milestone (CD Compliance Date 6/8/2015) - FOG Control Program	0 00 1 7 45 4		Subifilital infliestorie (CD Continuate Date 0/0/2015) - POG Continui, Program
CM10011	Deliverable Placed in the PDR - Revised FOG Control Program	2 08-Jun-15 A 723 09-Jun-15 A	09-Jun-15 A 30-Jun-17	Placed in the PDR;- Revised POG Cyfillion Plograth
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CM10890	Compliance Subtask Complete - FOG Control Program	0		27-Dec-17	1					1 1 1	- 1			aman											1
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CM10770	Annual FOG review, evaluation & revisions 2027	20	01-Jun-27*	20-Jun-27							- 1														
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CM10080	SORP submittal to EPA/FDEP	574	06-Dec-13 A	02-Jul-15 A	mittal to EP/	WFDEP					- 1														
CM10450	Compliance Submittal Milestone (CD Compliance Date 7/06/15) - SORP	0		02-Jul-15 A	e Submittal	Mileston	e (CD Comp	liance Date	e 7/06/15) - So	ORP															
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CM10270	EPA/FDEP Review/Approval - SORP	700	03-Jul-15 A	01-Jul-17		! - !	-1 1	EPAVE	DEP Review	/Approval - SO	RP														
CM10320	Enact Amendment within 180 days of Approvals	180	02-Jul-17	28-Dec-17		: :	1 1	=:/ [1 1	Am endmentw	- ;	dave of Andr	rovale!			-	1		- 1						1
CM10900	Compliance Subtask Complete - SORP	0		28-Dec-17				1																	
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CM10120	Submit IMS Program to EPA/FDEP	729	06-Dec-13 A	04-Dec-15 A	L. L		. ii																		
CM10500	Compliance Submittal Milestone (CD Compliance Date 12/07/15) - IMS Program	0	00 200 1071	04-Dec-15 A	1 ; ;		to EPA/FDEF				- 1					1			- 1						1
CM10017	Deliverable Placed in the PDR - IMS Program	2	04-Dec-15 A	05-Dec-15 A	1 2 2	! !	!!!	1 1	1 1	2/07/15) - IMS	Program														
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CM10390	EPA/FDEP Review/Approval - IMS Program		05-Dec-15 A				1	EPA/F	DEP Review	/Approval - IMS	S Prograi	n													
CM10130	Implementation of Graphic Information System (GIS) of Entire WCTS	1453	06-Dec-13 A	27-Dec-17				=	Im plen	nentation of G	aphic Ir	formation Sys	stem (Gl	IS) of Entir	e WCT	S	i	i i	į						i
CM10440	Enact Amendment within 180 days of Approvals	180	01-Jul-17	27-Dec-17					Enact /	Am endm ent w	vithin 180	days of Appr	rovals			1	-		1		1		- 1		1
CM10910	Compliance Subtask Complete - IMS Program	0		27-Dec-17					Compl	liance Subtask c-17, Sewer Sy	k Compl	te - JMS Prop	gram					ii							ļ.
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CM10100	Asset Management Plan to EPA/FDEP	670	06-Dec-13 A	06-Oct-15 A	et Managem	ent Plan t	o EPA/FDEF	,			- 1														
CM10470	Compliance Submittal Milestone (CD Compliance Date 10/06/15) - SS Asset Management Program	0		06-Oct-15 A	pliance Sub	bmittal; Mi	lestone (CD	Compliano	ce Date 10/06	6/15) - SS Asse	et Manag	ement Progra	ım								- 1				į.
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CM10340	EPA/FDEP Review/Approval - SS Asset Management Plan	603	07-Oct-15 A	30-Jun-17	1 1	i i	1 1	EPAVE	DEP Review	/Approval - SS	Asset N	: lanagement P	Plan				į		į						
CM10400	Enact Amendment within 180 days of Approvals	180	01-Jul-17	27-Dec-17				- :	1 1	Amendment w	- ;	: :	- :												1
CM10920	Compliance Subtask Complete - SS Asset Management Plan	0		27-Dec-17	1							1 1 1 11		em ent Pla	n .										
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CM10040	Gravity Sewer System O&M Program to EPA/FDEP	428	06-Dec-13 A	06-Feb-15 A	0010						1					į	į		į		i				Ĺ
CM10019	Deliverable Placed in the PDR - GSS O&M Program	2	05-Feb-15 A	06-Feb-15 A	n O&M Progr	: :	- ; ;				- 1														
CM10330	Compliance Submittal Milestone (CD Compliance Date 2/06/15) - GSS O&M Program	0	00.00.07.	06-Feb-15 A	the PDR - (!!!	1 11				į					į	į		į				- 1		
CM10200	EPA/FDEP Review/Approval - GSS O&M Program	845	07-Feb-15 A	30-Jun-17	al Milestone	(CD Con	noliance Da	1	- GSS O&M P	1 1	- 1					-	-		- 1				- 1		
CM10230	Enact Amendment within 180 days of Approvals	180	01-Jul-17	27-Dec-17	: :	: :	1 1	EPAYE	1 1	/Approval - GS	- 1														
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	erations & Preventative Maint. Program	-		28-Dec-17					i i i i i i i i i i	i		i i i .						ļļ							4.
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CM10050	Pump Station Ops & Prev. Maint Program to EPA/FDEP	483	06-Dec-13 A	02-Apr-15 A	s & Prev. Ma	int Progra	m to EPA/FI	DEP								-	-	1	-				- 1		ŀ
CM10021	Deliverable Placed in the PDR - Pump Station O&M Program	2	01-Apr-15 A	02-Apr-15 A	d in the PDI	R - Pump	Station O&N	/I Program																	
CM10380	Compliance Submittal Milestone (CD Compliance Date 4/06/15) - Pump Station O&M Program	0		02-Apr-15 A	mittal Miles	tone (CD	Compliance	Date 4/06/	15) - Pump Si	tation O&M Pro	ogram					- 1	i		į						İ
CM10220	EPA/FDEP Review/Approval - Pump Station O&M Program	791	03-Apr-15 A	01-Jul-17	- '			EPA/F	DEP Review	/Approval - Pur	mp Stati	on O&M Prodr	ram												
CM10260	Enact Amendment within 180 days of Approvals	180	02-Jul-17	28-Dec-17					Enact /	Am endmentw	vithin 180	days of Appr	rovals				į				i				ì
CM10940	Compliance Subtask Complete - Pump Station O&M Program	0		28-Dec-17		<u> </u>			Compl	iance Subtask c-17, Force Ma	k Gʻompl	te - Pump St	tation 08	M.Progran	n			ļ							į.
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CM10090	FM Oper. Prev. Maint. & Assessment/Rehab Program to EPA/FDEP	609	06-Dec-13 A	06-Aug-15 A	Prev Maint	. & Asses	sment/Reha	b Program	to EPA/FDEF																Ì
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CM10023	Compliance Submittal Milestone (CD Compliance Date 8/06/15) - Oper. Prev. Maint. & Assessment/Rehab Program	0	-	06-Aug-15 A	1 1	1 1	1 1		1 1	Oper. Prev. Ma	-,	eecement/D	ahah b	aram		-			1						ŀ
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CM10510	Begin Implementation of Force Main Assessment Program	0	01-Apr-18					♠ Regin I	m nlem enta	tion of Forc	e Main Asse	essment	Probram													
CM10041	Deliverable Placed in the PDR - FM Criticality Assessment Report	1	01-Apr-18	01-Apr-18	7		i	1 1 1	1 1		1	1 1	essment Re	eport					1 1			i				
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CM10110	Force Main Rehabilitation/Replacement Program to EPA/FDEP	729	06-Dec-13 A	04-Dec-15 A	Force Main Rehabilitation/R	eplacemen	t Program	to EPA/FDEP																		
CM10610	Compliance Submittal Milestone (CD Compliance Date 12/7/15) - Completion of FM Rehab & Replacement	0		04-Dec-15 A	Compliance Submittal Mile	- i	i	i i i	- Completi	on of FM Re	; ehab & Repl	: acemén	t													
CM10039	Deliverable Placed in the PDR - FM Rehab/Replacement Report	2	04-Dec-15 A	05-Dec-15 A	Deliverable Placed in the Pl																					
CM10290	EPA/FDEP Review/Approval - FM Rehab/Replacement Report	544	05-Dec-15 A	30-Jun-17	1 1 1			Review/Approv	al - FM Rel	nab/Replace	ement Repo	ort														
CM10410	Repair, Rehabilitate or Replace all FMs per the FM Assessment Program	1828	31-May-18	01-Jun-23						1 1		: :	1 1		1 1					Repa	air, Rehab	ilitate or				
CM10620	FM Rehab/Replacement Program Final Report to EPA	90	02-Jun-23	30-Aug-23							-										FM Reha	ab/Repla				
CM10970	Compliance Subtask Complete - FM Rehab/Replacement Report	0		30-Aug-23				L	<u></u>			ii						ļ			Complia	ance Sub				
WWTP Operation	s and Maintenance Program	1483	06-Dec-13 A	27-Dec-17				7 27-Dec-17, W				Progran	n		.			ļ								
General Compliance		1483		27-Dec-17				7 27-Dec-17, G	eneral Com	pliance Act	tivity										1					
CM10060	WWTP O&M Program to EPA/FDEP	516		05-May-15 A	rogram to EPA/FDEP		i		-	-	į					-										
CM10046	Deliverable Placed in the PDR -WWTP O&M Program	2	04-May-15 A	05-May-15 A	ced in the PDR -WWTP 08	M Program																				
CM10420	Compliance Submittal Milestone (CD Compliance Date 5/06/15) - WWTP O&M Program	0		05-May-15 A	bmittal Milestone (CD Con	pliance Da	te 5/06/15) - WWTP O&M	Program																	
CM10240	EPA/FDEP Review/Approval - WWTP O&M Program	757	,	30-Jun-17			EPA FDEF	Review/Approv	al - WWTF	O&M Progr	ram :					-										
CM10280	Enact Amendment within 180 days of Approvals	180	01-Jul-17	27-Dec-17			-	Enact Amend	ment withir	180 days	of Approvals															
CM10980	Compliance Subtask Complete - WWTP O&M Program	0		27-Dec-17			<u>l</u>	Compliance S 27-Dec-17, Fi	Subtask Co	mplete - W	WTP Q&M F	nogram.						ļļ			4					
Financial Analysis	s Program	1483	06-Dec-13 A	27-Dec-17						1 1	1	<u> </u>			.			<u> </u>			.11					
General Compliance A	·	1483		27-Dec-17	_			7 27-Dec-17, G	eneral Com	pliance Act	tivity															
CM10030	Financial Analysis Program Submitted to EPA/FDEP	364	06-Dec-13 A	04-Dec-14 A	m Submitted to EPA/FDEP																					
CM10310	Compliance Submittal Milestone (CD Compliance Date 12/08/14) - Financial Analysis Program	0		04-Dec-14 A	lestone (CD Compliance D	ate 12/08/1	4) - Finan	cial Analysis Pr	ogram																	
CM10049	Deliverable Placed in the PDR - Financial Analysis Program	1	31-Dec-14 A	31-Dec-14 A	e PDR - Financial Analysis	Program					-						:									
CM10190	EPA/FDEP Review/Approval - Financial Analysis Program	356		25-Nov-15 A	PA/FDEP Review/Approval	Financial /	Analysis F	rogram			-															
CM20010	WAS Response to EPA/FDEP Comments	65		29-Jan-16 A	WAS Response to EPA/	DEP Comr	ments																			
CM20020	EPA/FDEP Review/Approval of Revised Submittal- Financial Analysis Program	488		30-Jun-17			EPAYFDEF	Review/Approv	al of Revis	ed Submitta	al-Financial	Analysi	s Program													
CM10210	Enact Amendment within 180 days of Approvals	180	01-Jul-17	27-Dec-17				Enact Amend	mentwithin	180 days	of Approvals											i				
CM10990	Compliance Subtask Complete - Financial Analysis Program	0		27-Dec-17			-	Compliance S	Subtask Co	mplete - Fir	nancial Anal	vsis Pro	g ram							- :	<u> </u>					