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VIA ELECTRONIC CORRESPONDENCE

July 31, 2017

CCN: 61216
File No: 8.DC.20.33

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Environment and Natural Resources Division
U.S. Department of Justice
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RE: DOJ No. 90-5-1-1-4022/1
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Attn: Compliance/Enforcement Section
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**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

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

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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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Contents

| | |
|--|-----------|
| 1.0 Executive Summary | 1 |
| 2.0 Introduction | 13 |
| 2.1 Purpose | 13 |
| 2.2 Requirements | 13 |
| 2.3 Reporting Schedule | 14 |
| 2.4 Reporting Structure | 14 |
| 3.0 Work Progress..... | 15 |
| 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 | 15 |
| 3.2 New CMOM Programs – Paragraph 19(a) through (h), (j) | 15 |
| 3.2.1 Specific Capital Improvement Projects (“CIPs”) Program – Paragraph 19(i) | 15 |
| 3.3 Supplemental Environmental Project (“SEP”) Plan..... | 15 |
| 4.0 Additional Information | 17 |
| 4.1 State's Ocean Outfall Legislation (“OOL”) | 17 |

Appendix

A Work Progress Tables

B Project Schedule Gantt Charts

Tables

| | | |
|------------|---|-----------|
| 1-1 | Completed CD Projects, Activities, and Milestones..... | 2 |
| 1-2 | Upcoming CD Projects, Activities, and Milestones | 9 |
| 1-3 | Issues Log..... | 10 |

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 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. |

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 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. | <ol style="list-style-type: none"> 1. Monitored and tracking the monthly 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 Operating Time (NAPOT). 3. Removed from Moratorium status those pump stations for which the utility completed and certified the Remedial Action Plans (RAP) to bring below the 10 hours pursuant to the Nominal Average Pump Operating Time (NAPOT). 4. Completed monthly reports for the Certification of Nominal Average Pump Operating Time (NAPOT) for each Volume Sewer Customer Utility. 5. Sent copies of the Certification of Nominal Average Pump Operating Time (NAPOT) to each Volume Sewer Customer Utility. 6. Upgraded ET system/database to automatically place pump stations with missing ET or duplicate readings under Incomplete Moratorium (IN). 7. Upgraded ET system/database to automatically place pump stations under Incomplete Moratorium (IN) for failure to submit ET readings by the 14th of the following month. | <ol style="list-style-type: none"> 1. Continue Monitoring and Tracking of monthly ET submittals. 2. Automatic and/or Manual placement in moratorium those pump stations that fail to submit ET readings or submit duplicate readings. 3. Continue generating monthly NAPOT & ALLOCATION reports and copy each corresponding Utility and Building Official, respectively. 4. 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 | <p>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.</p> | <p>The County fully implemented the CD 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</p> <p>Assisted CD PMCM Construction Managers in additional evaluations of alternate operation strategies for maintenance of service during construction activities for CD Projects 4.5.</p> <p>Continued update of WCTS Hydraulic Model network geometry in order to match the current conditions of the system, these updates include latest information. Updates included the following:</p> <ul style="list-style-type: none"> • Addition of Private Pump Stations • Update Node and Flood Types • Update Ground Levels • Update Floodable Area • Update Solution Model Type • Update Pump Station Information | <p>Provide assistance to CD PMCM Construction Managers in development of alternate operation strategies for maintenance of service during construction activities for CD Projects.</p> <p>Complete second stage hydraulic model calibration of WASD WCTS Hydraulic Model which involves calibration of Lift Stations, Regional Stations and Booster Stations.</p> <p>Continue update of WCTS Hydraulic Model network geometry in order to match the current conditions of the system, these updates include latest information. Updates included the following:</p> <ul style="list-style-type: none"> • Addition of Private Pump Stations • Update Node and Flood Types • Update Ground Levels • Update Floodable Area • Update Solution Model Type • Update Pump Station Information <p>Continue efforts to update hydraulic model with information available for CD Projects, OOL Projects, Master Plan Projects, PSIP Projects as well as New Development Projects in an effort to maintain the most up to date projection scenarios for years 2020, 2025 and 2035 in the Pump Model.</p> |

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) | <p>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.</p> | <p>In addition, the CD Hydraulic Modeling team established coordination with representatives of teams from Ocean Outfall Legislation (OOL), 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.</p> <p>Completed first stage calibration of WASD WCTS Hydraulic Model which involves evaluation of flows received at Wastewater Treatment Plants.</p> <p>Completed development of WCTS model sub-networks for second stage of hydraulic model calibration. This entails the development smaller portions of the network for calibration of Lift Stations, Regional Stations and Booster Stations.</p> <p>The CD Hydraulic Modeling team in coordination with WASD and CMOM design consultant, completed the development of a GIS to Hydraulic Model Integration Procedure to automatically convert the GIS format WCTS Network to InfoWorks ICM (Modeling) software to meet the 90-day incorporation deadline.</p> <p>Completed pump station inflow calculation for all pump stations through implementation of flow calculation algorithm based on 3-min wet</p> | <p>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:</p> <ul style="list-style-type: none"> • 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. |

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. | <p>well level SCADA data. In addition, WCTS flow monitoring will be performed based on flow meter manual readings comparison with SCADA data.</p> <p>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:</p> <ul style="list-style-type: none"> • 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 | The VSC Program and the VSC Ordinance were amended in accordance 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. | <ol style="list-style-type: none"> 1. Reviewed SSO reports from all VSCs. 2. Placed moratoriums within the PS basin when required by Chapter 24 3. RER-DERM received 2017 Electronic GIS Sanitary Sewer Atlas with As-Built from all VSCs. 4. RER-DERM received Sanitary Sewer Evaluation Surveys from All Utilities in March 2017. 5. RER-DERM & WASD reviewed/testing Electronic Sanitary Sewer GIS Atlas submitted by VSCs. | <ol style="list-style-type: none"> 1. RER-DERM to complete review of Plan of Compliance for VSCs. 2. RER-DERM to complete review of SSES reports for VSCs 3. 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 | Project Description | 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 Program | The FOG Control Program is 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 Ordinance were submitted to EPA and FDEP on June 5, 2015. Program is pending EPA and FDEP approval. | <p>RER-DERM met with EPA (Atlanta) and FDEP and WASD participated via teleconference on December 8, 2016.</p> <p>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:</p> <ol style="list-style-type: none"> 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 COMMINGLING of FOG April 1, 2017. 9. Implemented eManifest for LWTs April 1, 2017. | <ol style="list-style-type: none"> 1. Implement upgraded FOG database (PEN) to allow improved GDO tracking. 2. Continue enforcement (e.g., ticketing) NGTs and non-complying FSEs.. 3. Continue FOG Outreach Program: <ol style="list-style-type: none"> a. 4th FOG Round Table meeting. b. Design Professional FCD Design Training. c. eManifest Training for LWT (online video based). d. eManifest Training for GDOs, including online videos. 4. Update FOG Control Device Design Guidance (FOG2.0). 5. 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 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(b) | Sewer Overflow Response Plan | <p>The SORP is a program for identifying and reporting SSOs. The SORP is being implemented in accordance with Paragraph 19(b). This Plan will establish timely and effective methods and means of responding to, cleaning up, and/or minimizing the impact of SSOs; timely reporting of the location, volume, cause, impact, and other pertinent SSO information to the appropriate regulatory agencies; and timely and effective notification of SSOs to potentially impacted public. In addition, the plan involves a re-evaluation of the County's previous program.</p> | <p>The Program document was finalized and submitted to the EPA/FDEP on July 2, 2015 ahead of the CD compliance date July 6, 2015. EPA and FDEP sent out comments on the Program on January 24, 2017. Response to EPA and FDEP Comments on the SORP were submitted on March 28, 2017. Work on the program was ongoing.</p> <ul style="list-style-type: none"> - Developed GIS viewer application to identify Repeat SSO - Continued the development of Consolidated SSO Database | <p>Program is pending EPA and FDEP approval. Work on the program will be ongoing and will continue beyond December 31, 2017.</p> <ul style="list-style-type: none"> - 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 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 | The IMS Program is being developed in accordance with Paragraph 19(c). This Program will aid County managers and field supervisors to adequately track scheduled operational and maintenance activities; evaluate operations, maintenance, customer service and Sewer System rehabilitation activities and improve overall Sewer System performance. | 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. |
| 19(c)(x) | 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. | <ol style="list-style-type: none"> 1. GIS Training Refresher Program - Training course, manual and online videos launched and continues to be offered by WASD HR several times a month. 2. GIS to Hydraulic Model Interface. - Completed. 3. Manhole rim and pipe inverts and their inclusion into GIS - 99% Complete. 4. Streamlining the manual as-built to GIS process to satisfy 90 day requirement - Completed. 5. GIS to Hydraulic Model Integration to satisfy 90 day requirement from GIS to Model - Completed. 6. GIS Training Refresher Program - Completed. 7. Electronic As-Built Submittal -Contract and Donation as-builts being received electronically. Approval/rejection process also being tracked electronically. | <p>Ongoing.</p> <p>Updates to continue.</p> <p>To be completed and input into production utility GIS layers.</p> <p>No further action required.</p> <p>GIS to provide updates.</p> <p>Classes continue to be offered multiple times a month.</p> <p>Future enhancements, as necessary.</p> |

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(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 | The Gravity Sewer System Operations and Maintenance 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 associated with gravity mains in the WCTS. | 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 Maintenance Program | The Pump Station Operations and Preventive Maintenance Program is being developed in accordance with Paragraph 19(f) of the CD. This Program will facilitate proper operation and maintenance activities associated with the Pump Stations within the WCTS. | 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 | The Force Main Operations, Preventative Maintenance and Assessment/Rehabilitation Program is being developed in accordance with Paragraph 19(g) of the CD. This program will facilitate proper operations and maintenance activities associated with Force Mains within the WCTS. It will also help produce a criticality assessment of the structural integrity of its Force Mains and the risk of Force Main critical failure. The Force main Rehabilitation/Replacement Program includes standard procedures for repairing, rehabilitating and replacing force mains. | The FMOPMAR Program document was finalized 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 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 | The WWTP Operations and 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. | <p>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.</p> <ul style="list-style-type: none"> - 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 | The Financial Analysis Program is being implemented in accordance with Paragraph 19(j) of the CD. The purpose of this program is to effectively establish and track the sufficiency of funds for operations and maintenance, capital projects financing, and debt service coverage associated with the Sewer System, including, without limitation, the continued Work pursuant to the CD. | 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 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 |
|----------------|-------------------|---|---|--|
| 1.1 | 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 | <p>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.</p> | <p>Design and construction continued. Procurement commenced.</p> <p>Design for 1.3(1) Oxygenation Trains Structural Rehab. Trains 2, 3, 4, 5, 6, 7 commenced and was completed.</p> <p>Procurement and construction for Train 5 commenced and were completed.</p> <p>Design continued for 1.3(2) Electrical Building Expansion.</p> <p>Design commenced for 1.3(3) Oxygenation Trains Mixer Upgrades.</p> | <p>Design, procurement and construction will continue.</p> <p>Procurement for 1.3(1) Train 4 Oxygenation tanks structural rehab will commence and be completed, and construction will commence.</p> <p>Design for 1.3(2) Electrical Building Expansion will continue.</p> <p>Design for 1.3(3) will continue and construction for Train 4 Mixer Upgrade will commence.</p> |

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. | Design, permitting, procurement and construction continued. 1.5(1) Design of wet well #4 and wet wells #1-3 commenced. 1.5(2) Design continued. 1.5(3) Completed on Jan 23, 2016. | 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 handling 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. |

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 |
|----------------|--------------------|--|--|---|
| 1.11 | General Electrical | <p>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.</p> <p>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.</p> | <p>Design continued. Permitting commenced.</p> <p>1.11(1) Design continued.</p> <p>1.11(3) Design was completed. Permitting commenced and was completed.</p> | <p>Design will be completed, permitting will continue and procurement will commence.</p> <p>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).</p> |

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 |
|----------------|--|---|--|--|
| 1.12 | 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 completed, 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 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 |
|----------------|-------------------------|---|--|---|
| 2.1 | Electrical Improvements | <p>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:</p> <ol style="list-style-type: none"> 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 | <p>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 Sub-Stations 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 commenced. 2.1(5) Construction continued. 2.1(6) Permitting and procurement continued.</p> | <p>Design, permitting, procurement and construction will continue. 2.1(2) Procurement will continue. 2.1(3) Permitting will be completed and procurement will commence. 2.1(4) Permitting will be completed and procurement will commence. 2.1(5) Construction will continue. 2.1(6) Permitting and procurement will be completed, construction will commence. 2.1(7) Design will commence.</p> |

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 | Building Improvements | 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. | Procurement was completed and construction continued. 2.2(1a) Completed on June 1, 2015. 2.2(1b) Construction continued. 2.2(1c) Completed on October 19, 2016. 2.2(2) Procurement was completed and construction commenced. | 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. | Procurement was completed and construction continued. | 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 | <p>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.</p> <p>Mixer retrofits were completed in early 2014.</p> <p>Structural rehabilitation work for Train #2 and Train #3 will be performed by WASD in-house forces during the dry seasons.</p> | <p>Design, procurement and construction continued.</p> <p>Procurement and construction for Structural Rehab Train #2 commenced and were completed.</p> | <p>Design and procurement will be completed.</p> <p>Construction will continue.</p> <p>Procurement for Structural Rehab Train #3 will commence and be completed, construction will commence.</p> |

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 |
|----------------|----------------------------|---|---|--|
| 2.6 | 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 | Secondary Clarifiers Plant 1 | 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 Plant 2 | 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 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 |
|----------------|---------------------------|---|---|--|
| 2.10 | RS Pump Stations Plant 2 | <p>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:</p> <p>1) Return Sludge PS Plant 2 - RAS Pump, 2) Return Sludge PS Plant 2 - RAS Line</p> | <p>Design was completed. Permitting, procurement and construction continued.</p> <p>2.10(1) Design was completed, permitting continued and procurement commenced.</p> <p>2.10(2) Construction of RAS Header Pipe continued.</p> | <p>Permitting will be completed.</p> <p>Procurement and construction will continue.</p> <p>2.10(1) Permitting will be completed and procurement will continue.</p> <p>2.10(2) Construction of RAS Header Pipe will be completed.</p> |
| 2.11 | Effluent Pump Station | <p>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.</p> | <p>Design was completed and permitting commenced.</p> | <p>Permitting will be completed and procurement will commence.</p> |
| 2.12 | Sludge Thickeners Plant 1 | <p>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.</p> | <p>Procurement continued.</p> | <p>Procurement will be completed. Construction will commence.</p> |

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 |
|----------------|---------------------------|--|---|---|
| 2.13 | 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 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 |
|----------------|-------------------------|--|---|---|
| 2.15 | Digesters Plant 2 | <p>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.</p> | <p>2.15(1) Cluster 1: Construction continued. 2.15(2) Cluster 2: Permitting continued and procurement commenced. 2.15(3) Cluster 3: Design continued. 2.15(4) Cluster 4: Design continued.</p> | <p>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.</p> |
| 2.16 | Dewatering Building | <p>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.</p> | Procurement continued. | Procurement will be completed and construction will commence. |
| 2.17 | Chlorination Facilities | <p>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.</p> | Construction continued. | Construction will be completed. |

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 |
|----------------|----------------------|---|--|---|
| 2.18 | Odor Control Systems | <p>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.</p> <p>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).</p> | <p>Procurement and construction continued.</p> <p>2.18(1) Headworks Odor Controls System (Project 2.3/2.4) construction continued.</p> <p>2.18(2) Dewatering Odor Control System (Project 2.16) procurement continued.</p> | <p>Procurement will be completed and construction will continue.</p> <p>2.18(1) Headworks Odor Controls System (Project 2.3/2.4) construction will continue.</p> <p>2.18(2) Dewatering Odor Control System (Project 2.16) procurement will be completed and construction will commence.</p> |

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 |
|----------------|-------------------|---|---|---|
| 2.19 | 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. | Permitting will be completed. Procurement and construction will continue. Procurement for 2.19(2a) will be completed and construction will commence. Permitting for 2.19(2b) will be completed and procurement will continue. |
| 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 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 |
|----------------|---|--|---|---|
| 2.21 | 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 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 |
|----------------|--|--|---|--|
| 2.25 | Ventilation Improvements | <p>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:</p> <ol style="list-style-type: none"> 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) | <p>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.</p> | <p>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.</p> |
| 2.26 | Rehabilitation of Walkways and Stairways | <p>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.</p> | <p>Construction continued.</p> | <p>Construction will continue.</p> |

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 |
|----------------|-------------------------------------|--|--|---|
| 2.27 | Oxygen Production | 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 Upgrades | 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 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 |
|----------------|--|---|---|--|
| 3.1 | Headworks and Sludge Degritting Transfer | The NDWWTP Headworks and Sludge Degritting and Transfer project is being performed pursuant to Paragraph 19(i) and Appendix D. This project is a 2 Phase approach to improve the existing screening facilities at the NDWWTP. In Phase 1, bar screens are replaced with perforated plate screens and Phase 2 involves the upgrade of the pretreatment buildings for fire code compliance and replacement of primary sludge grit separation equipment. | 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 | The NDWWTP Primary Clarifiers and Odor Control project is being performed pursuant to Paragraph 19(i) and Appendix D. This project involves the rehabilitation of the structures of the primary clarifiers. It also involves the rehabilitation of the mechanical and odor control systems at the plant. This project was split into 2 "child" projects: 1) Replace Primary Clarifiers for Mechanisms #4 & 6, and 2) Primary Clarifiers and Odor 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 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 |
|----------------|----------------------|---|--|---|
| 3.4 | 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. | Design, permitting, procurement, and construction will continue. 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 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 |
|----------------|-------------------------|---|--|---|
| 3.9 | 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 | The Collection System I/I Repairs project is being performed in accordance with Paragraph 19(i) and Appendix D of the CD. The project targets defective gravity sewers with excessive inflow/infiltration. It involves rehabilitation of the Collection System, i.e. dig & replace mainlines and laterals, manhole replacement, cured-in-place liners and sectional liners and will be performed concurrently with other work. | Work on this project is ongoing. | Work on this project will continue. |
| 4.2 | Government Cut FM Phase 1 & 2 | The Government Cut FM Phases 1 & 2 project was performed in accordance with Paragraph 19(i) and Appendix D. The purpose of this two phase project is to replace critically damaged sections of 54 inch force main to avert catastrophic failures in Government Cut. This project involved the replacement of 54 inch FM with 60 inch FM from the water shaft in Government Cut to mainland Miami Beach. | Project was completed on the CD compliance date of September 30, 2013. | N/A |
| 4.3 | Government Cut FM Phase 3 | The Government Cut FM Phases 3 project is being performed in 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 between Fisher Island and the Central District Wastewater Treatment Plant (CDWWTP), on Virginia Key, will be replaced with a new 60" force main lowered to elevation minus (-) 67.50 feet mean sea level. A new 8" force main will be constructed from Pump Station 170, on Fisher Island, connecting to the new 60" force main near the tunnel receiving shaft. The 60" pipeline alignment will be constructed via segmental tunnel trenchless technology, and open cut trenching method. The 8" pipeline alignment will be constructed via horizontal directional drilling (HDD) trenchless methodology. | 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. | Construction was substantially completed on May 5, 2016 ahead of the CD compliance date of March 5, 2018. | 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 | This Tamiami Force Main Replacement project is being performed 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. The twin 24-inch force mains have experienced failures and are in need of replacement. | 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 | This Miami Lakes Force Main Replacement project is being replaced in accordance with Paragraph 19(i) and Appendix D. The purpose of this project is to replace severely corroded 18-inch pipe that has had multiple failures. It replaces one mile of 18 inch DIP FM located at NW 60 Avenue and NW 138 Street. | 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 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 |
|----------------|---|--|--|--|
| 4.8 | Rehabilitation of 54 inch PCCP FM in the City of Miami | <p>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.</p> <p>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.</p> | <p>Construction of 4.8(1) was completed on June 16, 2017.</p> <p>Construction for 4.8(2) (Non-Consent Decree) commenced.</p> | <p>Construction for 4.8(2) (Non-Consent Decree) will continue.</p> |
| 4.9 | Replace Approximately 30 miles of AC FM Transmission System | <p>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.</p> | <p>Design, permitting, procurement and construction continued.</p> | <p>Design, permitting, procurement and construction will continue.</p> |

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 | <p>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.</p> <p>This project has been split into four (4) child/sub projects.</p> <p>1) Includes rehab of an existing 48" FM east of the Opa-Locka Airport.</p> <p>2) Includes two (2) miles of open cut 54" DIP FM pipe along airport.</p> <p>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.</p> <p>4) Includes the Opa-Locka Airport Concessions Project. This is a Non-Consent Decree Project.</p> | <p>Construction continued.</p> <p>4.10(1) Construction continued.</p> <p>4.10(2) Construction continued.</p> <p>4.10(3) Procurement and construction continued.</p> <p>4.10(4) Design continued.</p> | <p>Construction will continue.</p> <p>4.10(1) Construction will be completed.</p> <p>4.10(2) Construction will be completed.</p> <p>4.10(3) Procurement will be completed and construction will continue.</p> <p>4.10(4) Design will be completed and permitting will commence.</p> |

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 | SW 122 Ave. & SW 88 St. | 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 | Upgrade of PS No. 0692 | 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 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 0415. | Permitting was completed and procurement continued. | 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 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 |
|----------------|---|--|--|---|
| 5.9 | 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 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 |
|----------------|--|--|---|---|
| 5.15 | Upgrade of PSs Nos. 0065, 0201, 0334, 0374, 0607 | <p>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 I/I 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.</p> | <p>This project was completed on December 30, 2015 ahead of the CD compliance date December 31, 2015.</p> | <p>N/A</p> |

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 | <p>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:</p> <ol style="list-style-type: none"> 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 | <p>Construction continued. 5.16(1) PS#0198: Construction continued. 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. 5.16(4) PS#0680: Construction was completed on December 1, 2016 ahead of CD Compliance date of December 31, 2016.</p> | <p>Construction will be completed. 5.16(1) PS#0198 Construction will be completed.</p> |

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 |
|----------------|--|--|--|--|
| 5.17 | Upgrade of PSs Nos. 0037, 0351, 0370, 0403 | <p>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).</p> <p>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</p> | <p>Permitting and Procurement were completed. Construction commenced</p> <p>5.17(1) PS#0037: Permitting and Procurement were completed. Construction commenced.</p> <p>5.17(2) PS#0351: Permitting and Procurement were completed. Construction commenced.</p> <p>5.17(3) PS#0370: Permitting and Procurement were completed. Construction commenced.</p> <p>5.17(4) PS#0403: Permitting and Procurement were completed. Construction commenced.</p> | <p>Construction will be completed.</p> <p>5.17(1) PS#0037: Construction will be completed.</p> <p>5.17(2) PS#0351: Construction will be completed.</p> <p>5.17(3) PS#0370: Construction will be completed.</p> <p>5.17(4) PS#0403: Construction will be completed.</p> |

Table A-5.1 Sewer Pump Station Systems

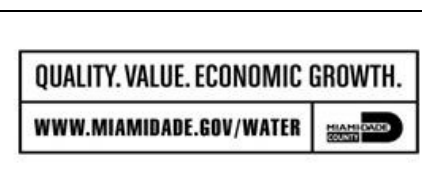
| Project Number | Project Name | Project Description | Actions Completed During Previous Two Calendar Quarters | Anticipated Actions to Be Performed in the Next Two Calendar Quarters |
|----------------|--|--|--|---|
| 5.18 | Upgrade of PSs Nos. 0441, 0491, 0710, 0827, 0852, 1236 | <p>The Upgrade of 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.</p> <ol style="list-style-type: none"> 1) Pump Station 0441 Upgrade 2) Pump Station 0491 Compliance Project 3) Pump Station 0710 Compliance Project 4) Pump Station 0827 Compliance Project 5) Pump Station 0852 Compliance Project 6) Pump Station 1236 Compliance Project – Consent Decree <p>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.</p> | <p>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.</p> | <p>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, procurement will commence. 5.18(6) Design will be completed, permitting and procurement will commence.</p> |

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 |
|----------------|--------------------|--|---|---|
| 5.19 | 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. | Construction was completed on November 23, 2015 ahead of the CD compliance date March 18, 2016. | N/A |

Appendix B Project Schedules Gantt Chart

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | |
|---|---|-------------------|-------------|-------------|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|
| | | | | | 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 |
| WASD Consent Decree Schedule - June 2017 Update | | 6570 | 12-Dec-10 A | 06-Dec-28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0. General Compliance Activities | | 5480 | 06-Jun-13 A | 06-Jun-28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Program Milestones | | 5480 | 06-Jun-13 A | 06-Jun-28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General Compliance Activity | | 5480 | 06-Jun-13 A | 06-Jun-28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC10000 | Date of Lodging (DOL) | 0 | 06-Jun-13 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC10010 | Effective Date - 6 months from DOL | 0 | 06-Dec-13 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC10030 | Date of Entry (DOE) | 0 | 09-Apr-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MC10020 | CIP Completion Milestone - 15 Years from DOL | 0 | | 06-Jun-28* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reporting Requirements | | 1797 | 31-Mar-14 A | 01-Mar-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quarterly Reports | | 1768 | 31-Mar-14 A | 31-Jan-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General Compliance Activity | | 1768 | 31-Mar-14 A | 31-Jan-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10020 | 2014 Quarterly Report No 1 | 25 | 31-Mar-14 A | 24-Apr-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10030 | 2014 Quarterly Report No 2 | 29 | 30-Jun-14 A | 28-Jul-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10050 | 2014 Quarterly Report No 3 | 31 | 30-Sep-14 A | 30-Oct-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10060 | 2014 Quarterly Report No 4 | 31 | 31-Dec-14 A | 30-Jan-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10090 | 2015 Quarterly Report No 1 | 32 | 31-Mar-15 A | 01-May-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10100 | 2015 Quarterly Report No 2 | 31 | 30-Jun-15 A | 30-Jul-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10120 | 2015 Quarterly Report No 3 | 31 | 30-Sep-15 A | 30-Oct-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10130 | 2015 Quarterly Report No 4 | 29 | 31-Dec-15 A | 28-Jan-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50020 | 2016 Quarterly Report No 1 | 33 | 31-Mar-16 A | 02-May-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50030 | 2016 Quarterly Report No 2 | 33 | 30-Jun-16 A | 01-Aug-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50040 | 2016 Quarterly Report No 3 | 32 | 30-Sep-16 A | 31-Oct-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50050 | 2016 Quarterly Report No 4 | 32 | 31-Dec-16 A | 31-Jan-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50220 | 2017 Quarterly Report No 1 | 32 | 31-Mar-17 A | 01-May-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50230 | 2017 Quarterly Report No 2 | 32 | 30-Jun-17* | 31-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50240 | 2017 Quarterly Report No 3 | 31 | 30-Sep-17* | 30-Oct-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50250 | 2017 Quarterly Report No 4 | 32 | 31-Dec-17* | 31-Jan-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50260 | 2018 Quarterly Report No 1 | 31 | 31-Mar-18* | 30-Apr-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50270 | 2018 Quarterly Report No 2 | 31 | 30-Jun-18* | 30-Jul-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50280 | 2018 Quarterly Report No 3 | 31 | 30-Sep-18* | 30-Oct-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50290 | 2018 Quarterly Report No 4 | 32 | 31-Dec-18* | 31-Jan-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Semi Annual Reports | | 1677 | 30-Jun-14 A | 31-Jan-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General Compliance Activity | | 1677 | 30-Jun-14 A | 31-Jan-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10040 | 2014 Semi Annual Report No 1 | 31 | 30-Jun-14 A | 30-Jul-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10070 | 2014 Semi Annual Report No 2 | 34 | 31-Dec-14 A | 02-Feb-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10110 | 2015 Semi Annual Report No 1 | 31 | 30-Jun-15 A | 30-Jul-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10150 | 2015 Semi Annual Report No 2 | 32 | 31-Dec-15 A | 01-Feb-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50060 | 2016 Semi Annual Report No 1 | 33 | 30-Jun-16 A | 01-Aug-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50070 | 2016 Semi Annual Report No 2 | 32 | 31-Dec-16 A | 31-Jan-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50300 | 2017 Semi Annual Report No 1 | 32 | 30-Jun-17* | 31-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50310 | 2017 Semi Annual Report No 2 | 32 | 31-Dec-17* | 31-Jan-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50320 | 2018 Semi Annual Report No 1 | 32 | 30-Jun-18* | 31-Jul-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50330 | 2018 Semi Annual Report No 2 | 32 | 31-Dec-18* | 31-Jan-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Annual Report | | 1522 | 31-Dec-14 A | 01-Mar-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General Compliance Activity | | 1522 | 31-Dec-14 A | 01-Mar-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10080 | 2014 Annual Report | 62 | 31-Dec-14 A | 02-Mar-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10140 | 2015 Annual Report | 62 | 31-Dec-15 A | 01-Mar-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50080 | 2016 Annual Report | 62 | 30-Dec-16 A | 01-Mar-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50340 | 2017 Annual Report | 61 | 31-Dec-17 | 01-Mar-18* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50350 | 2018 Annual Report | 61 | 31-Dec-18 | 01-Mar-19* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Program Management/Construction Management Support | | 3494 | 06-Jun-14 A | 23-Dec-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| General Compliance Activity | | 3494 | 06-Jun-14 A | 23-Dec-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50000 | Program Management/Construction Management | 3494 | 06-Jun-14 A | 23-Dec-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. South District WWTP | | 4381 | 19-Nov-13 A | 16-Nov-25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.01 Headworks | | 1848 | 02-Feb-15 A | 23-Feb-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 449 | 02-Feb-15 A | 26-Apr-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10100 | Engineering Design - SD Headworks | 26 | 02-Feb-15 A | 27-Feb-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42920 | EPA Start Date for Engineering Design - SD Headworks | 0 | 01-Oct-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41910 | EPA Compliance Date for Engineering Design - SD Headworks | 0 | | 26-Apr-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



MIAMI-DADE WATER & SEWER DEPARTMENT CONSENT DECREE PROGRAM SCHEDULE

| | |
|---------------------|--------------------|
| Summary (Remaining) | Critical Rem. Work |
| Summary (Actual) | Milestone |
| Approved EPA Dates | WBS Summary |
| Actual Work | |

| Date | Revision | Check... | Approved |
|-----------|-------------------|----------|----------|
| 14-Jul-14 | Revision 0 | GSR | DH |
| 13-Apr-17 | March 2017 Update | | |
| 15-May-17 | April 2017 Update | | |
| 14-Jun-17 | May 2017 Update | | |
| 14-Jul-17 | June 2017 Update | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | |
|-------------------------------|--|-------------------|-------------|--|---|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|--|
| | | | | | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10120 | Permitting - SD Headworks | 26 | 02-Feb-15 A | 26-Apr-17 A | 26-Apr-17 A, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42930 | EPA Start Date for Permitting - SD Headworks | 0 | 27-Apr-16 A | ◆ EPA Start Date for Permitting - SD Headworks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41920 | EPA Compliance Date for Permitting - SD Headworks | 0 | | 26-Apr-17 A | ◆ EPA Compliance Date for Permitting - SD Headworks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42940 | EPA Start Date for Procurement - SD Headworks | 0 | 27-Apr-17 A | ◆ EPA Start Date for Procurement - SD Headworks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10220 | Procurement - SD Headworks | 1180 | 02-Feb-15 A | 26-Apr-18 | 26-Apr-18, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41960 | EPA Compliance Date for Procurement - SD Headworks | 0 | | 26-Apr-18* | ◆ EPA Compliance Date for Procurement - SD Headworks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41510 | Rehab Grit #1 (Screens #2) & Grit #2 (Screen #4) | 358 | 24-Mar-15 A | 15-Mar-16 A | 23-Feb-20, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42950 | EPA Start Date for Construction - SD Headworks | 0 | 27-Apr-18* | ◆ EPA Start Date for Construction - SD Headworks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41320 | Rehab Grit #1 (Screens #3) & Grit #2 (Screen #3) | 181 | 15-Nov-17* | 14-May-18 | ◆ EPA Start Date for Construction - SD Headworks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41310 | Rehab Grit #1 (Screen #4) and Grit #2 (Screen #2) | 273 | 15-Nov-17 | 14-Aug-18 | Rehab Grit #1 (Screens #3) & Grit #2 (Screen #3) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41370 | Structural Rehab/Coating (Grit #1) | 366 | 15-Nov-17 | 15-Nov-18 | Rehab Grit #1 (Screen #4) and Grit #2 (Screen #2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10300 | Construction - SD Headworks | 1698 | 24-Mar-15 A | 15-Nov-19 | Structural Rehab/Coating (Grit #1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41380 | Rehab Grit #1 (Screen #1) and Grit #2 (Screens #1) | 366 | 15-Nov-18 | 15-Nov-19 | Construction - SD Headworks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10460 | Substantial Completion (CD Compliance Date 2/23/20) - SD Headworks | 0 | | 15-Nov-19* | Rehab Grit #1 (Screen #1) and Grit #2 (Screens #1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40000 | Project Closeout - SD Headworks | 90 | 16-Nov-19 | 13-Feb-20* | ◆ Substantial Completion (CD Compliance Date 2/23/20) - SD Headworks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41970 | EPA Compliance Date for Construction - SD Headworks | 0 | | 23-Feb-20* | Project Closeout - SD Headworks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD35000 | WASD Project Administration - SD Headworks | 1838 | 02-Feb-15 A | 13-Feb-20 | 13-Feb-20, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.02 Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD11232 | Pre-Design - SD Oxygen Production | 735 | 17-Nov-14 A | 21-Nov-16 A | 21-Nov-16 A, Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42420 | Negotiations for ESDC & Stormwater Permit - SD Oxygen Production | 497 | 14-Jul-15 A | 21-Nov-16 A | 18-Jan-20, 1.02 Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42960 | EPA Start Date for Engineering Design - SD Oxygen Production** | 0 | 01-Jan-15 A | 29-May-16 A | 29-May-16 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20180 | Basis of Design Report (BODR) - SD Oxygen Production | 100 | 03-Apr-15 A | 11-Jul-15 A | Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20190 | BODR Review Period - SD Oxygen Production | 14 | 12-Jul-15 A | 25-Jul-15 A | Negotiations for ESDC & Stormwater Permit - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20200 | 30% Design Submittal - SD Oxygen Production | 16 | 26-Jul-15 A | 10-Aug-15 A | Engineering Design - SD Oxygen Production** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20210 | 30% Design Review - SD Oxygen Production | 7 | 11-Aug-15 A | 17-Aug-15 A | Design Report (BODR) - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20220 | 60% Design Submittal - SD Oxygen Production | 49 | 18-Aug-15 A | 05-Oct-15 A | Review Period - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30990 | Develop Equipment Pre-Purchase Package - SD Oxygen Production | 7 | 29-Sep-15 A | 05-Oct-15 A | Design Submittal - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20230 | 60% Design Review - SD Oxygen Production | 9 | 05-Oct-15 A | 13-Oct-15 A | Design Review - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20240 | 100% Design Submittal - SD Oxygen Production | 55 | 14-Oct-15 A | 07-Dec-15 A | Develop Equipment Pre-Purchase Package - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10050 | Engineering Design - SD Oxygen Production | 311 | 03-Apr-15 A | 07-Feb-16 A | 100% Design Submittal - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40120 | 100% Design Review/Permit Ready Submittal - SD Oxygen Production | 62 | 08-Dec-15 A | 07-Feb-16 A | Engineering Design - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41980 | EPA Compliance Date for Engineering Design - SD Oxygen Production | 0 | | 29-May-16 A | 100% Design Review/Permit Ready Submittal - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42970 | EPA Start Date for Permitting - SD Oxygen Production | 0 | 30-May-16 A | 19-May-17 A | ◆ EPA Start Date for Permitting - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10090 | Permitting - SD Oxygen Production | 429 | 08-Feb-16 A | 11-Apr-17 A | ◆ EPA Compliance Date for Engineering Design - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41810 | RER Dem Permit - SD Oxygen Production | 429 | 08-Feb-16 A | 11-Apr-17 A | ◆ EPA Start Date for Permitting - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42890 | Building Dept. Permit - SD Oxygen Production | 429 | 08-Feb-16 A | 11-Apr-17 A | RER Dem Permit - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41820 | Stormwater Permit - SD Oxygen Production | 141 | 22-Nov-16 A | 11-Apr-17 A | Building Dept. Permit - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41990 | EPA Compliance Date for Permitting - SD Oxygen Production | 0 | | 19-May-17 A | Stormwater Permit - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42980 | EPA Start Date for Procurement - SD Oxygen Production | 0 | 26-Nov-16 A | 24-Apr-19 | ◆ EPA Start Date for Procurement - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30140 | Design Documents sent to Procurement - SD Oxygen Production | 0 | 28-Nov-16 A | | ◆ Design Documents sent to Procurement - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31160 | Pre-Purchase Bid Package (Air Compressors) - SD Oxygen Production | 146 | 09-Sep-16 A | 01-Feb-17 A | Pre-Purchase Bid Package (Air Compressors) - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31170 | Advertise Pre-Purchase Package (Air Compressors) - SD Oxygen Production | 0 | 02-Feb-17 A | | ◆ Advertise Pre-Purchase Package (Air Compressors) - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30150 | Submit/Approve SBD Goals and Request to Advertise - SD Oxygen Production | 86 | 28-Nov-16 A | 21-Feb-17 A | Submit/Approve SBD Goals and Request to Advertise - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30160 | Advertise Bid Packages - SD Oxygen Production | 0 | 22-Feb-17 A | | ◆ Advertise Bid Packages - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30170 | Bid Solicitation Period - SD Oxygen Production | 106 | 22-Feb-17 A | 06-Jun-17 A | Bid Solicitation Period - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30180 | Bids Due - SD Oxygen Production | 0 | 07-Jun-17 A | | ◆ Bids Due - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31180 | Vendor Bid & Award (Air Compressors) - SD Oxygen Production | 179 | 02-Feb-17 A | 30-Jul-17 | Vendor Bid & Award (Air Compressors) - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30190 | Bid Review Period - SD Oxygen Production | 14 | 07-Jun-17 A | 30-Jul-17 | Bid Review Period - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30200 | Award Recommendation - SD Oxygen Production | 0 | 31-Jul-17 | | ◆ Award Recommendation - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31190 | Vendor NTP (Air Compressors) - SD Oxygen Production | 0 | 31-Jul-17 | | ◆ Vendor NTP (Air Compressors) - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10160 | Procurement - SD Oxygen Production | 234 | 28-Nov-16 A | 29-Aug-17 | Procurement - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30210 | Final Approvals (BCC, Mayor, Risk Mgmt.) - SD Oxygen Production | 30 | 31-Jul-17 | 29-Aug-17 | Final Approvals (BCC, Mayor, Risk Mgmt.) - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42000 | EPA Compliance Date for Procurement - SD Oxygen Production | 0 | | 30-Sep-17* | ◆ EPA Compliance Date for Procurement - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31110 | Pre-Purchase Bid Package (RTU) - SD Oxygen Production | 155 | 06-Feb-17 A | 31-Oct-17 | Pre-Purchase Bid Package (RTU) - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41250 | Pre-Purchase Bid Package (Control Panels) - SD Oxygen Production | 155 | 06-Feb-17 A | 31-Oct-17 | Pre-Purchase Bid Package (Control Panels) - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31130 | Vendor Bid & Award (RTU) - SD Oxygen Production | 120 | 01-Nov-17 | 28-Feb-18 | Vendor Bid & Award (RTU) - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41280 | Vendor Bid & Award (Control Panels) - SD Oxygen Production | 120 | 01-Nov-17 | 28-Feb-18 | Vendor Bid & Award (Control Panels) - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31140 | Vendor NTP (RTU) - SD Oxygen Production | 0 | 01-Mar-18 | | ◆ Vendor NTP (RTU) - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41290 | Vendor NTP (Control Panels) - SD Oxygen Production | 0 | 01-Mar-18 | | ◆ Vendor NTP (Control Panels) - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31200 | Fabricate & Deliver Air Compressor No. 4 - SD Oxygen Production | 380 | 31-Jul-17 | 14-Aug-18 | Fabricate & Deliver Air Compressor No. 4 - SD Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | |
|--|--|-------------------|-------------|-------------|--|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
| | | | | | 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 |
| SD35020 | WASD Project Administration - SD Oxygenation Trains Struct. Rehab | 2602 | 02-Feb-15 A | 26-Feb-22 | WASD Project Administration - SD Oxygenation Trains Struct. Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.03 (2) - Oxygenation Trains - Electrical Building Expansion | | | | | WASD Project Administration - SD Oxygenation Trains Struct. Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 25-Jul-18, Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20250 | Pre-Design - SD Oxygenation Trains Electrical Building Expansion | 731 | 11-Mar-16 A | 25-Jul-18 | Pre-Design - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 17-Sep-19, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20270 | Basis of Design Report (BODR) - SD Oxygenation Electrical Building Expansion | 60 | 26-Jul-18 | 23-Sep-18 | Basis of Design Report (BODR) - SD Oxygenation Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20280 | BODR Review Period - SD Oxygenation Trains Electrical Building Expansion | 14 | 24-Sep-18 | 07-Oct-18 | BODR Review Period - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20290 | 30% Design Submittal - SD Oxygenation Trains Electrical Building Expansion | 95 | 08-Oct-18 | 10-Jan-19 | 30% Design Submittal - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20300 | 30% Design Review - SD Oxygenation Trains Electrical Building Expansion | 14 | 11-Jan-19 | 24-Jan-19 | 30% Design Review - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20310 | 60% Design Submittal - SD Oxygenation Trains Electrical Building Expansion | 105 | 25-Jan-19 | 09-May-19 | 60% Design Submittal - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20320 | 60% Design Review - SD Oxygenation Trains Electrical Building Expansion | 21 | 10-May-19 | 30-May-19 | 60% Design Review - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20330 | 100% Design Submittal - SD Oxygenation Trains Electrical Building Expansion | 80 | 31-May-19 | 18-Aug-19 | 100% Design Submittal - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41710 | Engineering Design - SD Oxygenation Trains Electrical Building Expansion | 419 | 26-Jul-18 | 17-Sep-19 | Engineering Design - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40130 | 100% Design Permit Review/Permit Ready Submittal - SD Oxygenation Trains Electrical Building Expansion | 30 | 19-Aug-19 | 17-Sep-19 | 100% Design Permit Review/Permit Ready Submittal - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 15-Mar-20, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41690 | Permitting - SD Oxygenation Trains Electrical Building Expansion | 180 | 18-Sep-19 | 15-Mar-20 | Permitting - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 13-Dec-20, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43540 | GMOU submittal and approval - SD Oxygenation Trains Electrical Building Expansion | 453 | 18-Sep-19 | 13-Dec-20 | GMOU submittal and approval - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43420 | Internal Bid Package Review - SD Oxygenation Trains Electrical Building Expansion | 20 | 18-Sep-19 | 07-Oct-19 | Internal Bid Package Review - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30410 | Design Documents Sent to Procurement - SD Oxygenation Trains Electrical Building Expansion | 3 | 16-Mar-20 | 18-Mar-20 | Design Documents Sent to Procurement - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30420 | Submit/Approve SBD Goals and Request to Advertise - SD Oxygenation Trains Electrical Building Expansion | 0 | 19-Mar-20 | 17-May-20 | Submit/Approve SBD Goals and Request to Advertise - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30430 | Advertise Bid Package - SD Oxygenation Trains Electrical Building Expansion | 60 | 19-Mar-20 | 17-May-20 | Advertise Bid Package - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30440 | Bid Solicitation Period - SD Oxygenation Trains Electrical Building Expansion | 0 | 18-May-20 | 16-Jul-20 | Bid Solicitation Period - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30450 | Bids Due - SD Oxygenation Trains Electrical Building Expansion | 60 | 18-May-20 | 16-Jul-20 | Bids Due - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30460 | Bid Review Period - SD Oxygenation Trains Electrical Building Expansion | 0 | 17-Jul-20 | 15-Aug-20 | Bid Review Period - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30470 | Award Recommendation - SD Oxygenation Trains Electrical Building Expansion | 30 | 17-Jul-20 | 15-Aug-20 | Award Recommendation - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41700 | Procurement - SD Oxygenation Trains Electrical Building Expansion | 0 | 19-Mar-20 | 13-Dec-20 | Procurement - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30480 | Final Approvals (BCC, Mayor, Risk Mgmt.) - SD Oxygenation Trains Electrical Building Expansion | 270 | 16-Aug-20 | 13-Dec-20 | Final Approvals (BCC, Mayor, Risk Mgmt.) - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 13-Mar-23, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20258 | Contractor Notice to Proceed (NTP) - SD Oxygenation Trains Electrical Building Expansion | 820 | 14-Dec-20 | 13-Mar-23 | Contractor Notice to Proceed (NTP) - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20260 | Construction of Building and Electrical Upgrades - SD Oxygenation Trains Electrical Building Expansion | 0 | 14-Dec-20 | 13-Dec-22 | Construction of Building and Electrical Upgrades - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10650 | Substantial Completion (CD Compliance Date 11/16/25) - SD Oxygenation Trains Electrical Building Expansion | 730 | 14-Dec-20 | 13-Dec-22 | Substantial Completion (CD Compliance Date 11/16/25) - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40020 | Project Closeout - SD Oxygenation Trains Electrical Building Expansion | 0 | 13-Dec-22 | 13-Dec-22* | Project Closeout - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 13-Mar-23, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD35030 | WASD Project Administration - SD Oxygenation Trains Electrical Building Expansion | 1692 | 26-Jul-18 | 13-Mar-23 | WASD Project Administration - SD Oxygenation Trains Electrical Building Expansion | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.03 (3) - Oxygenation Trains Mixer Upgrades | | | | | 16-Jun-22, 1.03 (3) - Oxygenation Trains Mixer Upgrades | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 31-Aug-17, Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43520 | Pre-Design (Mixer Evaluation) - SD Oxygenation Trains Mixer Upgrade | 180 | 12-Jan-17 A | 31-Aug-17 | Pre-Design (Mixer Evaluation) - SD Oxygenation Trains Mixer Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 28-Feb-18, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43530 | Engineering Conceptual Design (Mixer Evaluation) - SD Oxygenation Trains Mixer Upgrade | 181 | 01-Sep-17 | 28-Feb-18 | Engineering Conceptual Design (Mixer Evaluation) - SD Oxygenation Trains Mixer Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 16-Jun-22, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41450 | Construction Train 7 - SD Oxygenation Trains Mixer Upgrade | 2307 | 22-Feb-16 A | 16-Jun-22 | Construction Train 7 - SD Oxygenation Trains Mixer Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41420 | Construction Train 4 - SD Oxygenation Trains Mixer Upgrade | 131 | 22-Feb-16 A | 01-Jul-16 A | Construction Train 4 - SD Oxygenation Trains Mixer Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41430 | Construction Train 5 - SD Oxygenation Trains Mixer Upgrade | 93 | 01-Nov-17 | 01-Feb-18 | Construction Train 5 - SD Oxygenation Trains Mixer Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41390 | Construction Train 1 - SD Oxygenation Trains Mixer Upgrade | 90 | 15-Feb-18 | 15-May-18 | Construction Train 1 - SD Oxygenation Trains Mixer Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41440 | Construction Train 6 - SD Oxygenation Trains Mixer Upgrade | 124 | 15-Nov-18 | 18-Mar-19 | Construction Train 6 - SD Oxygenation Trains Mixer Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41410 | Construction Train 3 - SD Oxygenation Trains Mixer Upgrade | 123 | 15-Nov-19 | 16-Mar-20 | Construction Train 3 - SD Oxygenation Trains Mixer Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43400 | Construction - SD Oxygenation Trains Mixer Upgrade | 123 | 15-Nov-20 | 17-Mar-21 | Construction - SD Oxygenation Trains Mixer Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41400 | Construction Train 2 - SD Oxygenation Trains Mixer Upgrade | 2217 | 22-Feb-16 A | 18-Mar-22 | Construction Train 2 - SD Oxygenation Trains Mixer Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43840 | Construction - SD Oxygenation Trains Mixer Upgrade | 124 | 15-Nov-21 | 18-Mar-22* | Construction - SD Oxygenation Trains Mixer Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43840 | Project Closeout - SD Oxygenation Trains Mixer Upgrade | 90 | 19-Mar-22 | 16-Jun-22* | Project Closeout - SD Oxygenation Trains Mixer Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.04 Chlorine Building | | | | | 01-Jun-22, 1.04 Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 06-Jan-18, Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD11162 | Pre-Design - SD Chlorine Building | 160 | 31-Jul-17 | 06-Jan-18 | Pre-Design - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 10-Apr-19, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20340 | Basis of Design Report (BODR) - SD Chlorine Building | 160 | 31-Jul-17* | 06-Jan-18 | Basis of Design Report (BODR) - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20350 | BODR Review Period - SD Chlorine Building | 459 | 07-Jan-18 | 10-Apr-19 | BODR Review Period - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20360 | 30% Design Submittal - SD Chlorine Building | 60 | 07-Jan-18 | 07-Mar-18 | 30% Design Submittal - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20370 | 30% Design Review - SD Chlorine Building | 14 | 08-Mar-18 | 21-Mar-18 | 30% Design Review - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20380 | 60% Design Submittal - SD Chlorine Building | 90 | 22-Mar-18 | 19-Jun-18 | 60% Design Submittal - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20390 | 60% Design Review - SD Chlorine Building | 17 | 20-Jun-18 | 06-Jul-18 | 60% Design Review - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20380 | 60% Design Submittal - SD Chlorine Building | 60 | 07-Jul-18 | 04-Sep-18 | 60% Design Submittal - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20390 | 60% Design Review - SD Chlorine Building | 14 | 05-Sep-18 | 18-Sep-18 | 60% Design Review - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43040 | EPA Start Date for Engineering Design - SD Chlorine Building | 0 | 01-Dec-18* | 07-Dec-18 | EPA Start Date for Engineering Design - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20400 | 100% Design Submittal - SD Chlorine Building | 80 | 19-Sep-18 | 07-Dec-18 | 100% Design Submittal - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10350 | Engineering Design - SD Chlorine Building | 365 | 07-Jan-18 | 06-Jan-19 | Engineering Design - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40140 | 100% Design Review/Permit Ready Submittal - SD Chlorine Building | 30 | 08-Dec-18 | 06-Jan-19 | 100% Design Review/Permit Ready Submittal - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42060 | EPA Compliance Date for Engineering Design - SD Chlorine Building | 0 | 10-Apr-19* | 09-Apr-20 | EPA Compliance Date for Engineering Design - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 09-Apr-20, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43050 | EPA Start Date for Permitting - SD Chlorine Building | 459 | 07-Jan-19 | 09-Apr-20 | EPA Start Date for Permitting - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10380 | Permitting - SD Chlorine Building | 0 | 11-Apr-19* | 06-Jan-20 | Permitting - SD Chlorine Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016-2024 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------|-------------|-------------|---|------|------|------|------|------|------|------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|
| | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | | | | | | | | | | | | | | | | | | | |
| | | | | | 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 | | |
| Engineering Design | | | | | 17-May-18, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41840 | Technical Memorandum (TM) - SD Effluent Pump Station Building Improvements & Pumps 1-6 Equip. | 673 | 14-Jul-16 A | 17-May-18 | Technical Memorandum (TM) - SD Effluent Pump Station Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20410 | Basis of Design Report (BODR) - SD Effluent Pump Station Building Improvements & Pumps 1-6 Equip. | 60 | 01-Aug-17 | 29-Sep-17 | Basis of Design Report (BODR) - SD Effluent Pump Station Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20420 | BODR Review Period - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 10 | 30-Sep-17 | 09-Oct-17 | BODR Review Period - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20430 | 30% Design Submittal - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 30 | 10-Oct-17 | 08-Nov-17 | 30% Design Submittal - SD Effluent 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 | 30% Design Review - SD Effluent PS 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 | 60% Design Submittal - SD Effluent 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 | 60% Design Review - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20470 | 100% Design Submittal - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 60 | 17-Feb-18 | 17-Apr-18 | 100% Design Submittal - 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 | Engineering Design - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40150 | 100% Design Review/Permit Ready Submittal - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 30 | 18-Apr-18 | 17-May-18 | 100% Design Review/Permit Ready Submittal - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 13-Nov-18, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD11112 | Permitting - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 180 | 18-May-18 | 13-Nov-18 | Permitting - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 13-Aug-19, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43560 | GMOU submittal and approval - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 20 | 18-May-18 | 06-Jun-18 | GMOU submittal and approval - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43440 | Internal Bid Package Review - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 3 | 14-Nov-18 | 16-Nov-18 | Internal Bid Package Review - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30570 | Design Documents Sent to Procurement - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 0 | 17-Nov-18 | | Design Documents Sent to Procurement - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | Submit/Approve SBD Goals and Request to Advertise - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30590 | Advertise Bid Package - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 0 | 16-Jan-19 | | Advertise Bid Package - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30600 | Bid Solicitation Period - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 60 | 16-Jan-19 | 16-Mar-19 | Bid Solicitation Period - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30610 | Bids Due - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 0 | 17-Mar-19 | | Bids Due - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30620 | Bid Review Period - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 30 | 17-Mar-19 | 15-Apr-19 | Bid Review Period - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30630 | Award Recommendation - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 0 | | 15-Apr-19 | Award Recommendation - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD11122 | Procurement - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 270 | 17-Nov-18 | 13-Aug-19 | Procurement - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD30640 | Final Approvals (BCC, Mayor, Risk Mgmt.) - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 120 | 16-Apr-19 | 13-Aug-19 | Final Approvals (BCC, Mayor, Risk Mgmt.) - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 31-Oct-21, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD11130 | Contractor Notice to Proceed (NTP) - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 0 | 14-Aug-19 | | Contractor Notice to Proceed (NTP) - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD11132 | Construction - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 720 | 14-Aug-19 | 02-Aug-21 | Construction - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD11142 | Substantial Completion (CD Compliance Date 4/07/22) - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 0 | | 02-Aug-21* | Substantial Completion (CD Compliance Date 4/07/22) - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40040 | Project Closeout - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 90 | 03-Aug-21 | 31-Oct-21* | Project Closeout - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 31-Oct-21, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD35060 | WASD Project Administration - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | 1553 | 01-Aug-17 | 31-Oct-21 | WASD Project Administration - SD Effluent PS Building Improvements & Pumps 1-6 Equip. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.05 (3) Effluent Pump Station Electrical Equipment (Pumps 7-9) | | | | | 23-Jan-16 A, 1.05 (3) Effluent Pump Station Electrical Equipment (Pumps 7-9) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD11002 | Engineering Design - SD Effluent PS Electrical Equipment (Pumps 7-9) | 458 | 19-Nov-13 A | 20-Feb-15 A | Engineering Design - SD Effluent PS Electrical Equipment (Pumps 7-9) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 17-Feb-14 A, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD11012 | Permitting - SD Effluent PS Electrical Equipment (Pumps 7-9) | 91 | 19-Nov-13 A | 17-Feb-14 A | Permitting - SD Effluent PS Electrical Equipment (Pumps 7-9) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 19-May-14 A, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD11022 | Procurement - SD Effluent PS Electrical Equipment (Pumps 7-9) | 91 | 18-Feb-14 A | 19-May-14 A | Procurement - SD Effluent PS Electrical Equipment (Pumps 7-9) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 23-Jan-16 A, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD11032 | Fabricate & Deliver Equipment - SD Effluent PS Electrical Equipment (Pumps 7-9) | 277 | 20-May-14 A | 20-Feb-15 A | Fabricate & Deliver Equipment - SD Effluent PS Electrical Equipment (Pumps 7-9) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 Effluent PS Electrical Equipment (Pumps 7-9) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43620 | Construction - SD Effluent PS Electrical Equipment (Pumps 7-9) | 614 | 20-May-14 A | 23-Jan-16 A | Construction - SD Effluent PS Electrical Equipment (Pumps 7-9) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.06 Gravity Sludge Thickeners | | | | | 18-Aug-18, 1.06 Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20480 | Technical Evaluation of Alternates - SD Gravity Sludge Thickeners | 238 | 03-Jul-14 A | 25-Feb-15 A | Technical Evaluation of Alternates - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20550 | Negotiate Scope and Cost with MWH - SD Gravity Sludge Thickeners | 72 | 19-Dec-14 A | 28-Feb-15 A | Negotiate Scope and Cost with MWH - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD20780 | Basis of Design Report (BODR) - SD Gravity Sludge Thickeners | 234 | 13-Apr-15 A | 02-Dec-15 A | Basis of Design Report (BODR) - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10280 | Engineering Design - SD Gravity Sludge Thickeners | 636 | 03-Jul-14 A | 29-Mar-16 A | Engineering Design - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD41090 | Issue Final RDBS - SD Gravity Sludge Thickeners | 0 | | 29-Mar-16 A | Issue Final RDBS - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31020 | Design Criteria Package Initial Submittal - SD Gravity Sludge Thickeners | 145 | 03-Dec-15 A | 26-Apr-16 A | Design Criteria Package Initial Submittal - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31010 | Pilot Testing of Thickening Process - SD Gravity Sludge Thickeners | 252 | 21-Aug-15 A | 29-Apr-16 A | Pilot Testing of Thickening Process - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31040 | DCP Design Review - SD Gravity Sludge Thickeners | 25 | 25-Apr-16 A | 19-May-16 A | DCP Design Review - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31060 | Final DCP Submittal - SD Gravity Sludge Thickeners | 188 | 20-May-16 A | 23-Nov-16 A | Final DCP Submittal - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43120 | EPA Start Date for Engineering Design - SD Gravity Sludge Thickeners | 0 | 01-Jan-18* | | EPA Start Date for Engineering Design - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42140 | EPA Compliance Date for Engineering Design - SD Gravity Sludge Thickeners | 0 | | 18-Aug-18* | EPA Compliance Date for Engineering Design - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 14-Jul-16 A, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31070 | FDEP Permit - SD Gravity Sludge Thickeners | 168 | 29-Jan-16 A | 14-Jul-16 A | FDEP Permit - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 17-Aug-20, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31260 | RDBS Sent to Procurement - SD Gravity Sludge Thickeners | 0 | 29-Mar-16 A | | RDBS Sent to Procurement - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31470 | 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 and Request to Advertise - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31480 | Advertise RDBS - SD Gravity Sludge Thickeners | 0 | 20-Jul-16 A | | Advertise RDBS - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31490 | Request for Qualifications - SD Gravity Sludge Thickeners | 59 | 20-Jul-16 A | 16-Sep-16 A | Request for Qualifications - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31500 | Qualifications Package Due - SD Gravity Sludge Thickeners | 0 | 17-Sep-16 A | | Qualifications Package Due - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31510 | Qualification Review Period - SD Gravity Sludge Thickeners | 91 | 17-Sep-16 A | 16-Dec-16 A | Qualification Review Period - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31520 | Shortlist Published - SD Gravity Sludge Thickeners | 0 | | 16-Dec-16 A | Shortlist Published - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31530 | Request for Proposals - SD Gravity Sludge Thickeners | 101 | 24-Jan-17 A | 04-May-17 A | Request for Proposals - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD31540 | Proposals Due - SD Gravity Sludge Thickeners | 0 | 05-May-17 A | | Proposals Due - SD Gravity Sludge Thickeners | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | |
|--|--|-------------------|-------------|-------------|--|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|
| | | | | | 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 |
| Construction | | | | | 915 23-Oct-20 25-Apr-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10538 | Contractor Notice to Proceed (NTP) - SD Odor Control | 0 | 23-Oct-20 | | Contractor Notice to Proceed (NTP) - SD Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43310 | EPA Start Date for Construction - SD Odor Control | 0 | 27-Jun-21* | | EPA Start Date for Construction - SD Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10540 | Construction - SD Odor Control | 668 | 23-Oct-20 | 21-Aug-22 | Construction - SD Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10610 | Substantial Completion (CD Compliance Date 4/25/23) - SD Odor Control | 0 | | 21-Aug-22* | Substantial Completion (CD Compliance Date 4/25/23) - SD Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40090 | Project Closeout - SD Odor Control | 90 | 22-Aug-22 | 19-Nov-22* | Project Closeout - SD Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42330 | EPA Compliance Date for Construction - SD Odor Control | 0 | | 25-Apr-23* | EPA Compliance Date for Construction - SD Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 1630 04-Jun-18 19-Nov-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD35110 | WASD Project Administration - SD Odor Control | 1630 | 04-Jun-18 | 19-Nov-22 | WASD Project Administration - SD Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.11 General Electrical | | | | | 2462 30-Jun-14 A 26-Mar-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 1281 30-Jun-14 A 31-Dec-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43320 | EPA Start Date for Engineering Design - SD General Electrical | 0 | 31-Dec-16 A | | EPA Start Date for Engineering Design - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10180 | Engineering Design (Summary) - SD General Electrical | 1200 | 30-Jun-14 A | 07-Oct-17 | Engineering Design (Summary) - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42340 | EPA Compliance Date for Engineering Design - SD General Electrical | 0 | | 31-Dec-17* | EPA Compliance Date for Engineering Design - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 568 05-May-17 A 23-Nov-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43330 | EPA Start Date for Permitting - SD General Electrical | 0 | 30-Jun-17* | | EPA Start Date for Permitting - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42350 | EPA Compliance Date for Permitting - SD General Electrical | 0 | | 28-May-18* | EPA Compliance Date for Permitting - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10230 | Permitting (Summary) - SD General Electrical | 568 | 05-May-17 A | 23-Nov-18 | Permitting (Summary) - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 733 18-Aug-17 20-Aug-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43340 | EPA Start Date for Procurement - SD General Electrical | 0 | 29-May-18* | | EPA Start Date for Procurement - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42360 | EPA Compliance Date for Procurement - SD General Electrical | 0 | | 28-May-19* | EPA Compliance Date for Procurement - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10310 | Procurement (Summary) - SD General Electrical | 733 | 18-Aug-17 | 20-Aug-19 | Procurement (Summary) - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 1047 15-May-18 26-Mar-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43350 | EPA Start Date for Construction - SD General Electrical | 0 | 29-May-19* | | EPA Start Date for Construction - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10390 | Construction (Summary) - SD General Electrical | 828 | 15-May-18 | 19-Aug-20 | Construction (Summary) - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10510 | Substantial Completion (CD Compliance Date 3/26/21) - SD General Electrical | 0 | | 29-Oct-20* | Substantial Completion (CD Compliance Date 3/26/21) - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40100 | Project Closeout - SD General Electrical | 90 | 30-Oct-20 | 27-Jan-21* | Project Closeout - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42370 | EPA Compliance Date for Construction - SD General Electrical | 0 | | 26-Mar-21* | EPA Compliance Date for Construction - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 2408 30-Jun-14 A 27-Jan-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD35120 | WASD Project Administration - SD General Electric | 2408 | 30-Jun-14 A | 27-Jan-21 | WASD Project Administration - SD General Electric | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.11 (1) SDWWTP General Electrical Misc. Construction | | | | | 1556 25-Oct-16 A 27-Jan-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 352 25-Oct-16 A 07-Oct-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40410 | Engineering Design - Generator Enclosures & Remote Radiators - SD General Electrical | 158 | 25-Oct-16 A | 31-Mar-17 A | Engineering Design - Generator Enclosures & Remote Radiators - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43630 | Engineering Design - SD General Electrical Misc. Construction | 352 | 25-Oct-16 A | 07-Oct-17 | Engineering Design - SD General Electrical Misc. Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40460 | Engineering Design - Replace SS 9, 10, 11 & 12 - SD General Electrical | 115 | 15-Jun-17 A | 07-Oct-17 | Engineering Design - Replace SS 9, 10, 11 & 12 - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 180 08-Oct-17 05-Apr-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43640 | Permitting - Generator Enclosures, Remote Radiators & SS 9-12 | 180 | 08-Oct-17 | 05-Apr-18 | Permitting - Generator Enclosures, Remote Radiators & SS 9-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 270 06-Apr-18 31-Dec-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43650 | Procurement - Generator Enclosures, Remote Radiators & SS 9-12 | 270 | 06-Apr-18 | 31-Dec-18 | Procurement - Generator Enclosures, Remote Radiators & SS 9-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 758 01-Jan-19 27-Jan-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43660 | Construction - Generator Enclosures, Remote Radiators & SS 9-12 | 668 | 01-Jan-19 | 29-Oct-20 | Construction - Generator Enclosures, Remote Radiators & SS 9-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43590 | Project Closeout - Generator Enclosures, Remote Radiators & SS 9-12 | 90 | 30-Oct-20 | 27-Jan-21 | Project Closeout - Generator Enclosures, Remote Radiators & SS 9-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.11 (2) Elect. Feeder Bldg 1 to Effluent PS 1-6 (Project 1.05(2)) | | | | | 1205 01-Aug-17 17-Nov-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 300 01-Aug-17 27-May-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40440 | Engineering Design - Elect. Feeder Bldg 1 to Effluent PS 1-6 (Project 1.05(2)) - SD General Electrical | 300 | 01-Aug-17 | 27-May-18 | Engineering Design - Elect. Feeder Bldg 1 to Effluent PS 1-6 (Project 1.05(2)) - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 180 28-May-18 23-Nov-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40370 | Permitting - Elect. Feeder Bldg 1 to Effluent PS 1-6 (Project 1.05(2)) - SD General Electrical | 180 | 28-May-18 | 23-Nov-18 | Permitting - Elect. Feeder Bldg 1 to Effluent PS 1-6 (Project 1.05(2)) - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 270 24-Nov-18 20-Aug-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40300 | Procurement - Elect. Feeder Bldg 1 to Effluent PS 1-6 (Project 1.05(2)) - SD General Electrical | 270 | 24-Nov-18 | 20-Aug-19 | Procurement - Elect. Feeder Bldg 1 to Effluent PS 1-6 (Project 1.05(2)) - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 455 21-Aug-19 17-Nov-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40230 | Construction - Elect. Feeder Bldg 1 to Effluent PS Pumps 1-6 (Project 1.05(2)) - SD General Electrical | 365 | 21-Aug-19 | 19-Aug-20 | Construction - Elect. Feeder Bldg 1 to Effluent PS Pumps 1-6 (Project 1.05(2)) - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43600 | Project Closeout - Elect. Feeder Bldg 1 to Effluent PS Pumps 1-6 (Project 1.05(2)) - SD General Electrical | 90 | 20-Aug-20 | 17-Nov-20 | Project Closeout - Elect. Feeder Bldg 1 to Effluent PS Pumps 1-6 (Project 1.05(2)) - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.11 (3) Replace Primary Feeder from Elect. Bldg 1 to Substation 7 & 8 (Project 1.07) | | | | | 2005 30-Jun-14 A 25-Dec-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 1040 04-May-17 A 04-May-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40430 | Engineering Design - Elect. Feeder Bldg 1 to SS 7 & 8 (Project 1.07) - SD General Electrical | 1040 | 30-Jun-14 A | 04-May-17 A | Engineering Design - Elect. Feeder Bldg 1 to SS 7 & 8 (Project 1.07) - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 80 05-May-17 A 16-May-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40360 | Permitting - Elect. Feeder Bldg 1 to SS 7 & 8 (Project 1.07) - SD General Electrical | 80 | 05-May-17 A | 16-May-17 A | Permitting - Elect. Feeder Bldg 1 to SS 7 & 8 (Project 1.07) - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 270 18-Aug-17 14-May-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40290 | Procurement - Elect. Feeder Bldg 1 to SS 7 & 8 (Project 1.07) - SD General Electrical | 270 | 18-Aug-17 | 14-May-18 | Procurement - Elect. Feeder Bldg 1 to SS 7 & 8 (Project 1.07) - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 590 15-May-18 25-Dec-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD40220 | Construction - Elect. Feeder Bldg 1 to SS 7 & 8 (Project 1.07) - SD General Electrical | 500 | 15-May-18 | 26-Sep-19 | Construction - Elect. Feeder Bldg 1 to SS 7 & 8 (Project 1.07) - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43610 | Project Closeout - Elect. Feeder Bldg 1 to SS 7 - SD General Electrical | 90 | 27-Sep-19 | 25-Dec-19 | Project Closeout - Elect. Feeder Bldg 1 to SS 7 - SD General Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.12 Chlorine Contact Chamber | | | | | 2126 24-Aug-15 A 18-Jun-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 1461 01-Oct-15 A 30-Sep-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD43360 | EPA Start Date for Engineering Design - SD Chlorine Contact Chamber | 0 | 01-Aug-16 A | | EPA Start Date for Engineering Design - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10150 | Engineering Design - SD Chlorine Contact Chamber | 639 | 01-Oct-15 A | 14-Jul-17 | Engineering Design - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD42380 | EPA Compliance Date for Engineering Design - SD Chlorine Contact Chamber | 0 | | 30-Sep-19* | EPA Compliance Date for Engineering Design - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 921 01-Oct-15 A 08-Apr-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SD10200 | Permitting - SD Chlorine Contact Chamber | 30 | 01-Oct-15 A | 30-Oct-15 A | Permitting - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016-2024 | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------|-------------|-------------|---|------|------|------|------|------|------|------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | | | | | | | | | | | | | |
| | | | | | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 |
| SD43370 | EPA Start Date for Permitting - SD Chlorine Contact Chamber | 0 | 09-Apr-17 A | | ◆ EPA Start Date for Permitting - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | |
| SD42390 | EPA Compliance Date for Permitting - SD Chlorine Contact Chamber | 0 | | 08-Apr-18* | ◆ EPA Compliance Date for Permitting - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 14-Nov-20, Procurement | | | | | | | | | | | | | | | | | | | | | |
| SD43380 | EPA Start Date for Procurement - SD Chlorine Contact Chamber | 0 | 09-Apr-18* | | ◆ EPA Start Date for Procurement - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | |
| SD42400 | EPA Compliance Date for Procurement - SD Chlorine Contact Chamber | 0 | | 08-Apr-19* | ◆ EPA Compliance Date for Procurement - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | |
| SD10290 | Procurement - SD Chlorine Contact Chamber | 1910 | 24-Aug-15 A | 14-Nov-20 | Procurement - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 18-Jun-21, Construction | | | | | | | | | | | | | | | | | | | | | |
| SD43390 | EPA Start Date for Construction - SD Chlorine Contact Chamber | 0 | 09-Apr-19* | | ◆ EPA Start Date for Construction - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | |
| SD10370 | Construction - SD Chlorine Contact Chamber Struct. Rehab | 1896 | 05-Jan-16 A | 27-Jan-21 | Construction - SD Chlorine Contact Chamber Struct. Rehab | | | | | | | | | | | | | | | | | | | | | |
| SD10530 | Substantial Completion (CD Compliance Date 6/18/21) - SD Chlorine Contact Chamber | 0 | | 27-Jan-21* | ◆ Substantial Completion (CD Compliance Date 6/18/21) - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | |
| SD42410 | EPA Compliance Date for Construction - SD Chlorine Contact Chamber | 0 | | 18-Jun-21* | ◆ EPA Compliance Date for Construction - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 27-Apr-21, Project Administration | | | | | | | | | | | | | | | | | | | | | |
| SD35130 | WASD Project Administration - SD Chlorine Contact Chamber | 2082 | 01-Oct-15 A | 27-Apr-21 | WASD Project Administration - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | |
| 1.12 (1) Chlorine Contact Chamber Actuator Replacement | | | | | 31-Oct-17, 1.12 (1) Chlorine Contact Chamber Actuator Replacement | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | Oct-15 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | |
| SD41900 | Engineering Design - Actuators Technical Data | 29 | 01-Oct-15 A | 30-Oct-15 A | Engineering Design - Actuators Technical Data | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | Oct-15 A, Permitting | | | | | | | | | | | | | | | | | | | | | |
| SD43410 | Permitting - Actuators | 30 | 01-Oct-15 A | 30-Oct-15 A | Permitting - Actuators | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 04-Jan-16 A, Procurement | | | | | | | | | | | | | | | | | | | | | |
| SD41600 | Procurement - Actuators | 133 | 24-Aug-15 A | 04-Jan-16 A | Procurement - Actuators | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 31-Oct-17, Construction | | | | | | | | | | | | | | | | | | | | | |
| SD41630 | Construction - Actuators (inc. Electrical) | 544 | 05-Jan-16 A | 31-Oct-17 | Construction - Actuators (inc. Electrical) | | | | | | | | | | | | | | | | | | | | | |
| 1.12 (2) Chlorine Contact Chamber Structural Rehab & Sluice Gates Replacement | | | | | 27-Apr-21, 1.12 (2) Chlorine Contact Chamber Structural Rehab & Sluice Gates | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 23-Feb-17 A, Pre-Design | | | | | | | | | | | | | | | | | | | | | |
| SD42720 | Pre-Design - Structural Rehab | 233 | 05-Jul-16 A | 23-Feb-17 A | Pre-Design - Structural Rehab | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 14-Jul-17, Engineering Design | | | | | | | | | | | | | | | | | | | | | |
| SD43750 | Engineering Design Contact Chambers #1-4 - Structural Rehab | 127 | 24-Feb-17 A | 14-Jul-17 | Engineering Design Contact Chambers #1-4 - Structural Rehab | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 14-Nov-20, Procurement | | | | | | | | | | | | | | | | | | | | | |
| SD43830 | Procurement Sluice Gates - SD Chlorine Contact Chamber | 55 | 14-Jul-17* | 06-Sep-17 | Procurement Sluice Gates - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | |
| SD41620 | Procurement Contact Chamber #4 - Structural Rehab | 90 | 15-Nov-17* | 12-Feb-18 | Procurement Contact Chamber #4 - Structural Rehab | | | | | | | | | | | | | | | | | | | | | |
| SD42790 | Procurement Contact Chamber #3 - Structural Rehab | 90 | 17-Aug-18* | 14-Nov-18 | Procurement Contact Chamber #3 - Structural Rehab | | | | | | | | | | | | | | | | | | | | | |
| SD42800 | Procurement Contact Chamber #2 - Structural Rehab | 90 | 17-Aug-19* | 14-Nov-19 | Procurement Contact Chamber #2 - Structural Rehab | | | | | | | | | | | | | | | | | | | | | |
| SD41610 | Procurement - Structural Rehab | 1220 | 14-Jul-17 | 14-Nov-20 | Procurement - Structural Rehab | | | | | | | | | | | | | | | | | | | | | |
| SD42810 | Procurement Contact Chamber #1 - Structural Rehab | 90 | 17-Aug-20* | 14-Nov-20 | Procurement Contact Chamber #1 - Structural Rehab | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 27-Apr-21, Construction | | | | | | | | | | | | | | | | | | | | | |
| SD41650 | Construction Contact Chamber #4 - Structural Rehab | 74 | 13-Feb-18* | 27-Apr-18 | Construction Contact Chamber #4 - Structural Rehab | | | | | | | | | | | | | | | | | | | | | |
| SD43850 | Construction Sluice Gates - SD Chlorine Contact Chamber | 262 | 07-Sep-17 | 26-May-18* | Construction Sluice Gates - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | |
| SD42820 | Construction Contact Chamber #3 - Structural Rehab | 74 | 15-Nov-18 | 27-Jan-19 | Construction Contact Chamber #3 - Structural Rehab | | | | | | | | | | | | | | | | | | | | | |
| SD42830 | Construction Contact Chamber #2 - Structural Rehab | 74 | 15-Nov-19 | 27-Jan-20 | Construction Contact Chamber #2 - Structural Rehab | | | | | | | | | | | | | | | | | | | | | |
| SD41640 | Construction - Structural Rehab | 1080 | 13-Feb-18 | 27-Jan-21 | Construction - Structural Rehab | | | | | | | | | | | | | | | | | | | | | |
| SD42840 | Construction Contact Chamber #1 - Structural Rehab | 74 | 15-Nov-20 | 27-Jan-21 | Construction Contact Chamber #1 - Structural Rehab | | | | | | | | | | | | | | | | | | | | | |
| SD40110 | Project Closeout - SD Chlorine Contact Chamber | 90 | 28-Jan-21 | 27-Apr-21* | Project Closeout - SD Chlorine Contact Chamber | | | | | | | | | | | | | | | | | | | | | |
| 1.CM SDWWTP Construction Trailers | | | | | 29-Sep-18, 1.CM SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 04-Sep-17, Engineering Design | | | | | | | | | | | | | | | | | | | | | |
| SD43910 | Engineering Design - SDWWTP Construction Trailers | 365 | 07-Jun-17 A | 04-Sep-17 | Engineering Design - SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 03-Dec-17, Permitting | | | | | | | | | | | | | | | | | | | | | |
| SD43920 | Permitting - SDWWTP Construction Trailers | 90 | 05-Sep-17 | 03-Dec-17 | Permitting - SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 03-Mar-18, Procurement | | | | | | | | | | | | | | | | | | | | | |
| SD43930 | Design Documents Sent to Procurement - SDWWTP Construction Trailers | 0 | 04-Dec-17 | | ◆ Design Documents Sent to Procurement - SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| SD43940 | Submit/Approve SBD Goals and Request to Advertise - SDWWTP Construction Trailers | 15 | 04-Dec-17 | 18-Dec-17 | ◆ Submit/Approve SBD Goals and Request to Advertise - SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| SD43950 | Advertise Bid Package - SDWWTP Construction Trailers | 0 | 19-Dec-17 | | ◆ Advertise Bid Package - SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| SD43960 | Bid Solicitation Period - SDWWTP Construction Trailers | 30 | 19-Dec-17 | 17-Jan-18 | ◆ Bid Solicitation Period - SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| SD43970 | Bids Due - SDWWTP Construction Trailers | 0 | 18-Jan-18 | | ◆ Bids Due - SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| SD43980 | Bid Review Period - SDWWTP Construction Trailers | 15 | 18-Jan-18 | 01-Feb-18 | ◆ Bid Review Period - SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| SD43990 | Award Recommendation - SDWWTP Construction Trailers | 0 | 02-Feb-18 | | ◆ Award Recommendation - SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| SD44000 | Procurement - SDWWTP Construction Trailers | 90 | 04-Dec-17 | 03-Mar-18 | Procurement - SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| SD44010 | Final Approvals - SDWWTP Construction Trailers | 30 | 02-Feb-18 | 03-Mar-18 | ◆ Final Approvals - SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 29-Sep-18, Construction | | | | | | | | | | | | | | | | | | | | | |
| SD44020 | Contractor Notice to Proceed (NTP) - SDWWTP Construction Trailers | 0 | 04-Mar-18 | | ◆ Contractor Notice to Proceed (NTP) - SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| SD44030 | Construction - SDWWTP Construction Trailers | 120 | 04-Mar-18 | 01-Jul-18 | Construction - SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| SD44040 | Substantial Completion - SDWWTP Construction Trailers | 0 | | 01-Jul-18 | ◆ Substantial Completion - SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| SD44050 | Project Closeout - SDWWTP Construction Trailers | 90 | 02-Jul-18 | 29-Sep-18 | ◆ Project Closeout - SDWWTP Construction Trailers | | | | | | | | | | | | | | | | | | | | | |
| 2. Central District WWTP | | | | | 06-Mar-20, 2.01 Miscellaneous Electrical Improvements | | | | | | | | | | | | | | | | | | | | | |
| 2.01 Miscellaneous Electrical Improvements | | | | | 30-Jan-18, Engineering Design | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 01-Jan-17 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | |
| CD82340 | EPA Start Date for Engineering Design - CD Misc. Elect. Improvements | 0 | 01-Jan-17 A | | ◆ EPA Start Date for Engineering Design - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | |
| CD42420 | EPA Compliance Date for Engineering Design - CD Misc. Elect. Improvements | 0 | | 31-Dec-17* | ◆ EPA Compliance Date for Engineering Design - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | |
| CD10160 | Engineering Design - CD Misc. Elect. Improvements | 1330 | 11-Jun-14 A | 30-Jan-18 | Engineering Design - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016-2024 | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------------|-------------|-------------|--|------|------|------|------|------|------|------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | | | | | | | | | | | | | | | | | |
| | | | | | 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 | | | | | 20-Jun-18, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82350 | EPA Start Date for Permitting - CD Misc. Elect. Improvements | 0 | 18-Dec-15 A | 20-Jun-18 | EPA Start Date for Permitting - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10330 | Permitting - CD Misc. Elect. Improvements | 727 | 18-Dec-15 A | 11-Oct-17 | Permitting - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD42430 | EPA Compliance Date for Permitting - CD Misc. Elect. Improvements | 0 | | 20-Jun-18* | EPA Compliance Date for Permitting - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 20-Jun-19, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82360 | EPA Start Date for Procurement - CD Misc. Elect. Improvements | 0 | 21-Jun-18* | | EPA Start Date for Procurement - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10560 | Procurement - CD Misc. Elect. Improvements | 1192 | 24-Jul-15 A | 27-Oct-18 | Procurement - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD42440 | EPA Compliance Date for Procurement - CD Misc. Elect. Improvements | 0 | | 20-Jun-19* | EPA Compliance Date for Procurement - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 06-Mar-20, Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82370 | EPA Start Date for Construction - CD Misc. Elect. Improvements | 0 | 21-Jun-19* | | EPA Start Date for Construction - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10810 | Construction - CD Misc. Elect. Improvements | 1308 | 29-Jan-16 A | 22-Aug-19 | Construction - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10960 | Substantial Completion (CD Compliance Date 3/06/20) - CD Misc. Elect. Improvements | 0 | | 01-Dec-19* | Substantial Completion (CD Compliance Date 3/06/20) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40000 | Project Closeout - CD Misc. Elect. Improvements | 90 | 02-Dec-19 | 29-Feb-20* | Project Closeout - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD42450 | EPA Compliance Date for Construction - CD Misc. Elect. Improvements | 0 | | 06-Mar-20* | EPA Compliance Date for Construction - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 29-Feb-20, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33930 | WASD Project Administration - CD Misc. Elect. Improvements | 1613 | 01-Oct-15 A | 29-Feb-20 | WASD Project Administration - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.01 (1) Substations 1 & 2 | | | | | 05-May-16 A, 2.01 (1) Substations 1 & 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 30-Jan-16 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40820 | Engineering Design Substations 1 & 2 (WASD) - CD Misc. Elect. Improvements | 122 | 01-Oct-15 A | 30-Jan-16 A | Engineering Design Substations 1 & 2 (WASD) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 26-Feb-16 A, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40900 | Permitting Substations 1 & 2 (WASD) - CD Misc. Elect. Improvements | 71 | 18-Dec-15 A | 26-Feb-16 A | Permitting Substations 1 & 2 (WASD) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 15-Sep-15 A, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40980 | Procurement Substations 1 & 2 (WASD) - CD Misc. Elect. Improvements | 67 | 24-Jul-15 A | 28-Sep-15 A | Procurement Substations 1 & 2 (WASD) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 05-May-16 A, Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40280 | Construction - Substations 1 & 2 (WASD) - CD Misc. Elect. Improvements | 98 | 29-Jan-16 A | 05-May-16 A | Construction - Substations 1 & 2 (WASD) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.01 (2) Substations 3, 4A, 4B, 5 & 6 (Project 2.27(2)) | | | | | 02-Jun-19, 2.01 (2) Substations 3, 4A, 4B, 5 & 6 (Project 2.27(2)) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 14-Apr-17 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70450 | Engineering Design Substations 3, 4A, 4B, 5, & 6 - CD Misc. Elect. Improvements | 730 | 16-Apr-15 A | 14-Apr-17 A | Engineering Design Substations 3, 4A, 4B, 5, & 6 - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 23-Feb-18, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70470 | Procurement Substations 3, 4A, 4B, 5, & 6 - CD Misc. Elect. Improvements | 239 | 05-Jun-17 A | 23-Feb-18 | Procurement Substations 3, 4A, 4B, 5, & 6 - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 02-Jun-19, Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70480 | Construction Substations 3, 4A, 4B, 5, & 6 - CD Misc. Elect. Improvements | 454 | 06-Mar-18 | 02-Jun-19 | Construction Substations 3, 4A, 4B, 5, & 6 - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.01 (3) Substations 9 & 10 (Project 2.10(1)) | | | | | 16-Jul-19, 2.01 (3) Substations 9 & 10 (Project 2.10(1)) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 01-Feb-17 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40850 | Engineering Design Substations 9 & 10 (2.10) - CD Misc. Elect. Improvements | 327 | 11-Mar-16 A | 01-Feb-17 A | Engineering Design Substations 9 & 10 (2.10) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 05-Nov-17, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40930 | Permitting Substations 9 & 10 (2.10) - CD Misc. Elect. Improvements | 476 | 18-Jul-16 A | 05-Nov-17 | Permitting Substations 9 & 10 (2.10) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 02-Aug-18, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD41010 | Procurement Substations 9 & 10 (2.10) - CD Misc. Elect. Improvements | 270 | 06-Nov-17 | 02-Aug-18 | Procurement Substations 9 & 10 (2.10) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 16-Jul-19, Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40760 | Construction Substations 9 & 10 (2.10) - CD Misc. Elect. Improvements | 348 | 03-Aug-18 | 16-Jul-19 | Construction Substations 9 & 10 (2.10) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.01 (4) Substations 11 & 12 (Project 2.11) | | | | | 12-Aug-19, 2.01 (4) Substations 11 & 12 (Project 2.11) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 16-Jun-17 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40860 | Engineering Design Substations 11 & 12 (2.11) - CD Misc. Elect. Improvements | 326 | 24-Aug-16 A | 16-Jun-17 A | Engineering Design Substations 11 & 12 (2.11) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 26-Dec-17, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40940 | Permitting Substations 11 & 12 (2.11) - CD Misc. Elect. Improvements | 180 | 22-Jun-17 A | 26-Dec-17 | Permitting Substations 11 & 12 (2.11) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 22-Sep-18, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD41020 | Procurement Substations 11 & 12 (2.11) - CD Misc. Elect. Improvements | 270 | 27-Dec-17 | 22-Sep-18 | Procurement Substations 11 & 12 (2.11) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 12-Aug-19, Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40740 | Construction Substations 11 & 12 (2.11) - CD Misc. Elect. Improvements | 324 | 23-Sep-18 | 12-Aug-19 | Construction Substations 11 & 12 (2.11) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.01 (5) Substations 15 & 16 (Project 2.15(1)) | | | | | 24-May-18, 2.01 (5) Substations 15 & 16 (Project 2.15(1)) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 15-Sep-15 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40880 | Engineering Design Substations 15 & 16 (2.15) - CD Misc. Elect. Improvements | 475 | 11-Jun-14 A | 29-Sep-15 A | Engineering Design Substations 15 & 16 (2.15) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 24-Aug-16 A, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40960 | Permitting Substations 15 & 16 (2.15) - CD Misc. Elect. Improvements | 329 | 30-Sep-15 A | 24-Aug-16 A | Permitting Substations 15 & 16 (2.15) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 30-Oct-16 A, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD41040 | Procurement Substations 15 & 16 (2.15) - CD Misc. Elect. Improvements | 199 | 15-Apr-16 A | 30-Oct-16 A | Procurement Substations 15 & 16 (2.15) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 24-May-18, Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40750 | Construction - Substations 15 & 16 (2.15) - CD Misc. Elect. Improvements | 571 | 31-Oct-16 A | 24-May-18 | Construction - Substations 15 & 16 (2.15) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.01 (6) Substations 17 & 18 (Project 2.19(2)a) | | | | | 22-Aug-19, 2.01 (6) Substations 17 & 18 (Project 2.19(2)a) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 02-Sep-16 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40890 | Engineering Design Substations 17 & 18 (2.19) - CD Misc. Elect. Improvements | 456 | 04-Jun-15 A | 02-Sep-16 A | Engineering Design Substations 17 & 18 (2.19) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 21-Jul-17, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40970 | Permitting Substations 17 & 18 (2.19) - CD Misc. Elect. Improvements | 416 | 10-May-16 A | 21-Jul-17 | Permitting Substations 17 & 18 (2.19) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 31-Oct-17, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD41050 | Procurement Substations 17 & 18 (2.19) - CD Misc. Elect. Improvements | 381 | 16-Sep-16 A | 31-Oct-17 | Procurement Substations 17 & 18 (2.19) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 22-Aug-19, Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40770 | Construction Substations 17 & 18 (2.19) - CD Misc. Elect. Improvements | 660 | 01-Nov-17 | 22-Aug-19 | Construction Substations 17 & 18 (2.19) - CD Misc. Elect. Improvements | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.01 (7) Substations 7A, 8A, 9A, & 10A | | | | | 01-Dec-19, 2.01 (7) Substations 7A, 8A, 9A, & 10A | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 30-Jan-18, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 200 | 15-Jul-17 | 30-Jan-18 | Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | |

Table with columns: Activity ID, Activity Name, Original Duration, Start, Finish, and quarterly breakdowns from 2016 to 2024. It lists various construction and engineering tasks such as 'Engineering Design Substations 7A, 8A, 9A, & 10A - CD Misc. Elect.Improvements' and 'Asbestos Abatement (Phase 1) - CD Admin Asbestos Abatement'.

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | |
|---|--|-------------------|-------------|-------------|--|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
| | | | | | 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 |
| CD30030 | Maintenance Building Roof Repairs - CD Misc. Roof Repairs | 150 | 23-May-16 A | 19-Oct-16 A | Maintenance Building Roof Repairs - CD Misc. Roof Repairs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30040 | Operation & Control Building Roof Repairs - CD Misc. Roof Repairs | 150 | 23-May-16 A | 19-Oct-16 A | Operation & Control Building Roof Repairs - CD Misc. Roof Repairs | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.02 (2) Remodel Bathrooms, Locker Rooms & Showers | | | | | 10-Oct-17, 2.02 (2) Remodel Bathrooms, Locker Rooms & Showers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11242 | Pre-Design - CD Misc. Building Improvements | 176 | 19-Dec-14 A | 13-Jun-15 A | Pre-Design - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32480 | Engineering Design Phase I - CD Misc. Building Improvements | 44 | 14-Jun-15 A | 27-Jul-15 A | Engineering Design Phase I - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11104 | Negotiate Phase II Design - CD Misc. Building Improvements | 51 | 27-Jul-15 A | 15-Sep-15 A | Negotiate Phase II Design - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32490 | Engineering Design Phase II - CD Misc. Building Improvements | 98 | 16-Sep-15 A | 22-Dec-15 A | Engineering Design Phase II - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11102 | Engineering Design (Summary) - CD Misc. Building Improvements | 328 | 13-Jun-15 A | 05-May-16 A | Engineering Design (Summary) - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11112 | Permitting - CD Misc. Building Improvements | 50 | 05-May-16 A | 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 | | | | | Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30340 | Design Documents Sent to Procurement - CD Misc. Building Improvements | 0 | 22-Aug-16 A | | Design Documents Sent to Procurement - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30350 | Submit/Approve SBD Goals and Request to Advertise - CD Misc. Building Improvements | 7 | 22-Aug-16 A | 28-Aug-16 A | Submit/Approve SBD Goals and Request to Advertise - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30360 | Advertise Bid Package - CD Misc. Building Improvements | 0 | 29-Aug-16 A | | Advertise Bid Package - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30370 | Bid Solicitation Period - CD Misc. Building Improvements | 51 | 29-Aug-16 A | 18-Oct-16 A | Bid Solicitation Period - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30400 | Award Recommendation - CD Misc. Building Improvements | 0 | | 26-Oct-16 A | Award Recommendation - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11122 | Procurement - CD Misc. Building Improvements | 182 | 23-Jun-16 A | 21-Dec-16 A | Procurement - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30410 | Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Misc. Building Improvements | 71 | 27-Oct-16 A | 05-Jan-17 A | Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30420 | Contractor Notice to Proceed (NTP) - CD Misc. Building Improvements | 0 | 13-Feb-17 A | | Contractor Notice to Proceed (NTP) - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11132 | Construction - CD Misc. Building Improvements | 180 | 13-Feb-17 A | 11-Aug-17 | Construction - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11142 | 2.2 (2) Substantial Completion (CD Compliance Date 9/06/17) - CD Misc. Building Improvements | 0 | | 11-Aug-17* | 2.2 (2) Substantial Completion (CD Compliance Date 9/06/17) - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40020 | Project Closeout - CD Misc. Building Improvements | 60 | 12-Aug-17 | 10-Oct-17* | Project Closeout - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33950 | WASD Project Administration - CD Misc. Building Improvements | 850 | 14-Jun-15 A | 10-Oct-17 | WASD Project Administration - CD Misc. Building Improvements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.03 Headworks/Grit Basin Plant 1 | | | | | 28-Dec-17, 2.03 Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20000 | Pre-Design - CD Headworks/Grit Basin Plant 1 | 122 | 05-Jun-14 A | 05-Oct-14 A | Pre-Design - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82420 | EPA Start Date for Engineering Design - CD Headworks/Grit Basin Plant 1** | 0 | 01-Sep-14 A | | EPA Start Date for Engineering Design - CD Headworks/Grit Basin Plant 1** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20040 | Technical Memo #1 - CD Headworks/Grit Basin Plant 1 | 0 | 27-Oct-14 A | | Technical Memo #1 - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20050 | Technical Memo #2 - CD Headworks/Grit Basin Plant 1 | 0 | 08-Dec-14 A | | Technical Memo #2 - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30090 | Draft BODR Issued - CD Headworks/Grit Basin Plant 1 | 0 | 31-Mar-15 A | | Draft BODR Issued - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20020 | Basis of Design Report - CD Headworks/Grit Basin Plant 1 | 136 | 24-Nov-14 A | 08-Apr-15 A | Basis of Design Report - 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 | Negotiate Final Design - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30270 | Issue NTP for Final Design - CD Headworks/Grit Basin Plant 1 | 0 | 27-May-15 A | | Issue NTP for Final 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 | Procurement Contract 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 | Develop Equipment Pre-Purchase Packages - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD21110 | 60% Design Submittal - CD Headworks/Grit Basin Plant 1 | 52 | 17-Jun-15 A | 07-Aug-15 A | 60% Design Submittal - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD21120 | 60% Design Review - CD Headworks/Grit Basin Plant 1 | 12 | 10-Aug-15 A | 21-Aug-15 A | 60% Design 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 | 100% 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 | EPA Compliance Date for Engineering Design - CD Headworks/Grit Basin Plant 1** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10050 | Engineering Design - CD Headworks/Grit Basin Plant 1 | 431 | 24-Nov-14 A | 28-Jan-16 A | Engineering Design - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40320 | 100% Design Review/Permit Ready Submittal - CD Headworks/Grit Basin Plant 1 | 41 | 19-Dec-15 A | 28-Jan-16 A | 100% Design Review/Permit Ready Submittal - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80400 | EPA Start Date for Permitting - CD Headworks/Grit Basin Plant 1** | 0 | 04-Aug-14 A | | EPA Start Date for Permitting - CD Headworks/Grit Basin Plant 1** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82430 | EPA Compliance Date for Permitting - CD Headworks/Grit Basin Plant 1** | 0 | | 01-Jun-16 A | EPA Compliance Date for Permitting - CD Headworks/Grit Basin Plant 1** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10220 | Permitting - CD Headworks/Grit Basin Plant 1 | 191 | 28-Jan-16 A | 05-Aug-16 A | Permitting - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80030 | City of Miami Building Permit - CD Headworks/Grit Basin Plant 1 | 190 | 29-Jan-16 A | 05-Aug-16 A | City of Miami Building Permit - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32870 | Pre-Purchase Bid Package (Screening Equipment) - CD Headworks/Grit Basin Plant 1 | 70 | 21-Aug-15 A | 29-Oct-15 A | Pre-Purchase Bid Package (Screening Equipment) - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32880 | Advertise Pre-Purchase Package (Screening Equipment) - CD Headworks/Grit Basin Plant 1 | 0 | 30-Oct-15 A | | Advertise Pre-Purchase Package (Screening Equipment) - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82440 | EPA Start Date for Procurement - CD Headworks/Grit Basin Plant 1 | 0 | 06-Jan-16 A | | EPA Start Date for Procurement - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32890 | Vendor Bid & Award (Screening Equipment) - CD Headworks/Grit Basin Plant 1 | 98 | 30-Oct-15 A | 04-Feb-16 A | Vendor Bid & Award (Screening Equipment) - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32900 | Vendor NTP (Screening Equipment) - CD Headworks/Grit Basin Plant 1 | 0 | | 04-Feb-16 A | Vendor NTP (Screening Equipment) - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30430 | Design Documents Sent to Procurement - CD Headworks/Grit Basin Plant 1 | 0 | 07-Mar-16 A | | Design Documents Sent to Procurement - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30440 | Submit/Approve SBD Goals and Request to Advertise - CD Headworks/Grit Basin Plant 1 | 67 | 28-Mar-16 A | 02-Jun-16 A | Submit/Approve SBD Goals and Request to Advertise - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30450 | Advertise Bid Package - CD Headworks/Grit Basin Plant 1 | 0 | 03-Jun-16 A | | Advertise Bid Package - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30460 | Bid Solicitation Period - CD Headworks/Grit Basin Plant 1 | 46 | 03-Jun-16 A | 18-Jul-16 A | Bid Solicitation Period - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30470 | Bids Due - CD Headworks/Grit Basin Plant 1 | 0 | 19-Jul-16 A | | Bids Due - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30480 | Bid Review Period - CD Headworks/Grit Basin Plant 1 | 14 | 19-Jul-16 A | 01-Aug-16 A | Bid Review Period - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30490 | Award Recommendation - CD Headworks/Grit Basin Plant 1 | 0 | | 01-Aug-16 A | Award Recommendation - CD Headworks/Grit Basin Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016-2024 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------|--------------------|--------------------|---|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|
| | | | | | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | |
| | | | | | 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 |
| CD32550 | Owner Pre-purchase RTU's - CD Headworks/Grit Basin Plant 2 | 284 | 21-Oct-16 A | 31-Jul-17 | Owner Pre-purchase RTU's - CD Headworks/Grit Basin Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31401 | Fabricate & Deliver RTUs - CD Headworks/Grit Basin Plant 2 | 168 | 14-Feb-17 A | 31-Jul-17 | Fabricate & Deliver RTUs - CD Headworks/Grit Basin Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 916 | 08-Dec-15 A | 10-Jun-18 | Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40310 | Installation of Manhole and Clean out of 84" Pipe - CD Headworks/Grit Basin Plant 2 | 156 | 08-Dec-15 A | 11-May-16 A | Installation of Manhole and Clean out of 84" Pipe - CD Headworks/Grit Basin Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10448 | Contractor Notice to Proceed (NTP) - CD Headworks/Grit Basin Plant 2 | 0 | 30-Aug-16 A | | Contractor Notice to Proceed (NTP) - CD Headworks/Grit Basin Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82490 | EPA Start Date for Construction - CD Headworks/Grit Basin Plant 2 | 0 | 03-Mar-17 A | | EPA Start Date for Construction - CD Headworks/Grit Basin Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40800 | Construction (Remaining Scope) - CD Headworks/Grit Basin Plant 2 | 560 | 30-Aug-16 A | 12-Mar-18 | Construction (Remaining Scope) - CD Headworks/Grit Basin Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10450 | Construction - CD Headworks/Grit Basin Plant 2 | 560 | 30-Aug-16 A | 12-Mar-18 | Construction - CD Headworks/Grit Basin Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10750 | Substantial Completion (CD Compliance Date 5/22/18) - CD Headworks/Grit Basin Plant 2 | 0 | | 12-Mar-18* | Substantial Completion (CD Compliance Date 5/22/18) - CD Headworks/Grit Basin Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81880 | EPA Compliance Date for Construction - CD Headworks/Grit Basin Plant 2 | 0 | | 22-May-18* | EPA Compliance Date for Construction - CD Headworks/Grit Basin Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40040 | Project Closeout - CD Headworks/Grit Basin Plant 2 | 90 | 13-Mar-18 | 10-Jun-18* | Project Closeout - CD Headworks/Grit Basin Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | 1295 | 24-Nov-14 A | 10-Jun-18 | Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33970 | WASD Project Administration - CD Headworks/Grit Basin Plant 2 | 1295 | 24-Nov-14 A | 10-Jun-18 | WASD Project Administration - CD Headworks/Grit Basin Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.05 Oxygenation Trains Plant 1 | | | | | 2.05 Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 230 | 05-Jul-16 A | 20-Feb-17 A | Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81230 | Pre-Design - CD Oxygenation Trains Plant 1 | 231 | 05-Jul-16 A | 20-Feb-17 A | Pre-Design - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 2361 | 01-Mar-11 A | 16-Aug-17 | Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80260 | Engineering Design (Mixers) - CD Oxygenation Trains Plant 1 | 63 | 01-Mar-11 A | 02-May-11 A | Engineering Design (Mixers) - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84540 | EPA Start Date for Engineering Design - CD Oxygenation Trains Plant 1 | 0 | 01-Jun-14 A | | EPA Start Date for Engineering Design - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80470 | EPA Compliance Date for Engineering Design - CD Oxygenation Trains Plant 1** | 0 | | 02-Sep-14 A | EPA Compliance Date for Engineering Design - CD Oxygenation Trains Plant 1** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10150 | Engineering Design - CD Oxygenation Trains Plant 1 | 2361 | 01-Mar-11 A | 16-Aug-17 | Engineering Design - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80280 | Engineering Design (Structural Rehab Train #3) - CD Oxygenation Trains Plant 1 | 177 | 21-Feb-17 A | 16-Aug-17 | Engineering Design (Structural Rehab Train #3) - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 1647 | 01-Mar-11 A | 02-Sep-15 A | Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10240 | Permitting - CD Oxygenation Trains Plant 1 | 63 | 01-Mar-11 A | 02-May-11 A | Permitting - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84550 | EPA Start Date for Permitting - CD Oxygenation Trains Plant 1 | 0 | 03-Sep-14 A | | EPA Start Date for Permitting - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80480 | EPA Compliance Date for Permitting - CD Oxygenation Trains Plant 1 | 0 | | 02-Sep-15 A | EPA Compliance Date for Permitting - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 2418 | 03-May-11 A | 14-Dec-17 | Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80270 | Procurement (Mixers) - CD Oxygenation Trains Plant 1 | 147 | 03-May-11 A | 26-Sep-11 A | Procurement (Mixers) - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81250 | Procurement (Structural Rehab Train #2) - CD Oxygenation Trains Plant 1 | 88 | 17-Jan-17 A | 14-Apr-17 A | Procurement (Structural Rehab Train #2) - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10490 | Procurement - CD Oxygenation Trains Plant 1 | 2388 | 03-May-11 A | 31-Oct-17 | Procurement - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80290 | Procurement (Structural Rehab Train #3) - CD Oxygenation Trains Plant 1 | 76 | 17-Aug-17* | 31-Oct-17 | Procurement (Structural Rehab Train #3) - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80490 | EPA Compliance Date for Procurement - CD Oxygenation Trains Plant 1 | 0 | | 14-Dec-17* | EPA Compliance Date for Procurement - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 1610 | 02-Dec-13 A | 29-Apr-18 | Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD12151 | Installation of Mixers Trains #2 & 3 - CD Oxygenation Trains Plant 1 | 81 | 02-Dec-13 A | 20-Feb-14 A | Installation of Mixers Trains #2 & 3 - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10720 | Structural Rehab Train #2 - CD Oxygenation Trains Plant 1 | 90 | 15-Jan-17 A | 14-Apr-17 A | Structural Rehab Train #2 - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32560 | Construction - CD Oxygenation Trains Plant 1 | 1564 | 02-Dec-13 A | 29-Jan-18 | Construction - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10940 | Structural Rehab Train #3 - CD Oxygenation Trains Plant 1 | 90 | 01-Nov-17 | 29-Jan-18 | Structural Rehab Train #3 - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11050 | Substantial Completion (CD Compliance Date 4/15/18) - CD Oxygenation Trains Plant 1 | 0 | | 29-Jan-18* | Substantial Completion (CD Compliance Date 4/15/18) - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80500 | EPA Compliance Date for Construction - CD Oxygenation Trains Plant 1 | 0 | | 15-Apr-18* | EPA Compliance Date for Construction - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81890 | Project Closeout - CD Oxygenation Trains Plant 1 | 90 | 30-Jan-18 | 29-Apr-18* | Project Closeout - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | 2571 | 01-Mar-11 A | 29-Jan-18 | Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33980 | WASD Project Administration - CD Oxygenation Trains Plant 1 | 2571 | 01-Mar-11 A | 29-Jan-18 | WASD Project Administration - CD Oxygenation Trains Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.06 Oxygenation Trains Plant 2 | | | | | 2.06 Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 230 | 05-Jul-16 A | 20-Feb-17 A | Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81270 | Pre-Design - CD Oxygenation Trains Plant 2 | 231 | 05-Jul-16 A | 20-Feb-17 A | Pre-Design - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 2361 | 01-Mar-11 A | 16-Aug-17 | Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10610 | Engineering Design - CD Oxygenation Trains Plant 2 | 63 | 01-Mar-11 A | 02-May-11 A | Engineering Design - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82500 | EPA Start Date for Engineering Design - CD Oxygenation Trains Plant 2 | 0 | 01-Jun-16 A | | EPA Start Date for Engineering Design - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80510 | EPA Compliance Date for Engineering Design - CD Oxygenation Trains Plant 2** | 0 | | 02-Sep-16 A | EPA Compliance Date for Engineering Design - CD Oxygenation Trains Plant 2** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81280 | Engineering Design (Structural Rehab Train #2) - CD Oxygenation Trains Plant 2 | 177 | 21-Feb-17 A | 16-Aug-17 | Engineering Design (Structural Rehab Train #2) - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81290 | Engineering Design (Structural Rehab Train #4) - CD Oxygenation Trains Plant 2 | 177 | 21-Feb-17 A | 16-Aug-17 | Engineering Design (Structural Rehab Train #4) - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 2378 | 01-Mar-11 A | 02-Sep-17 | Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10690 | Permitting - CD Oxygenation Trains Plant 2 | 62 | 01-Mar-11 A | 02-May-11 A | Permitting - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82510 | EPA Start Date for Permitting - CD Oxygenation Trains Plant 2 | 0 | 03-Sep-16 A | | EPA Start Date for Permitting - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80520 | EPA Compliance Date for Permitting - CD Oxygenation Trains Plant 2 | 0 | | 02-Sep-17* | EPA Compliance Date for Permitting - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 2756 | 02-May-11 A | 16-Nov-18 | Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81310 | Procurement (Mixers) - CD Oxygenation Trains Plant 2 | 517 | 02-Sep-13 A | 31-Jan-15 A | Procurement (Mixers) - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82520 | EPA Start Date for Procurement - CD Oxygenation Trains Plant 2 | 0 | 03-Sep-17* | | EPA Start Date for Procurement - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81320 | Procurement (Structural Rehab Train #4) - CD Oxygenation Trains Plant 2 | 90 | 17-Aug-17* | 14-Nov-17 | Procurement (Structural Rehab Train #4) - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10900 | Procurement - CD Oxygenation Trains Plant 2 | 2754 | 02-May-11 A | 14-Nov-18 | Procurement - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81300 | Procurement (Structural Rehab Train #2) - CD Oxygenation Trains Plant 2 | 90 | 17-Aug-18* | 14-Nov-18 | Procurement (Structural Rehab Train #2) - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80530 | EPA Compliance Date for Procurement - CD Oxygenation Trains Plant 2 | 0 | | 16-Nov-18* | EPA Compliance Date for Procurement - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 2629 | 02-Feb-15 A | 14-Apr-22 | Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11091 | Install Mixers Train #1 - CD Oxygenation Trains Plant 2 | 24 | 11-Jan-16 A | 03-Feb-16 A | Install Mixers Train #1 - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD12161 | Install Mixers Trains #2-4 - CD Oxygenation Trains Plant 2 | 182 | 01-Sep-15 A | 29-Feb-16 A | Install Mixers Trains #2-4 - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11280 | Structural Rehab Train #3 - CD Oxygenation Trains Plant 2 | 113 | 09-Nov-15 A | 29-Feb-16 A | Structural Rehab Train #3 - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11090 | Structural Rehab Train #1 - CD Oxygenation Trains Plant 2 | 113 | 17-Jan-17 A | 09-May-17 A | Structural Rehab Train #1 - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30060 | Electrical Equip. / Expand Structure - CD Oxygenation Trains Plant 2 | 1003 | 02-Feb-15 A | 31-Oct-17 | Electrical Equip. / Expand Structure - CD Oxygenation Trains Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | |
|---|---|-------------------|-------------|-------------|---|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|--|--|
| | | | | | 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 | | |
| Construction | | | | | 1832 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11110 | Construction PS #1 - CD Return Sludge PS Plant 2 | 348 | 07-Jun-18 | 12-Jun-23 | Construction PS #1 - CD Return Sludge PS Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11220 | Construction PS #2 - CD Return Sludge PS Plant 2 | 349 | 21-May-19 | 03-May-20 | Construction PS #2 - CD Return Sludge PS Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11290 | Construction PS #3 - CD Return Sludge PS Plant 2 | 348 | 04-May-20 | 16-Apr-21 | Construction PS #3 - CD Return Sludge PS Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11410 | Construction PS #4 - CD Return Sludge PS Plant 2 | 348 | 17-Apr-21 | 30-Mar-22 | Construction PS #4 - CD Return Sludge PS Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84470 | Construction - CD Return Sludge PS Plant 2 - RAS Pump | 1742 | 07-Jun-18 | 14-Mar-23 | Construction - CD Return Sludge PS Plant 2 - RAS Pump | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11500 | Construction PS #5 - CD Return Sludge PS Plant 2 | 349 | 31-Mar-22 | 14-Mar-23 | Construction PS #5 - CD Return Sludge PS Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11580 | Substantial Completion (CD Compliance Date 9/12/23) - CD Return Sludge PS Plant 2 | 0 | | 14-Mar-23* | Substantial Completion (CD Compliance Date 9/12/23) - CD Return Sludge PS Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40080 | Project Closeout - CD Return Sludge PS Plant 2 | 9 | 15-Mar-23 | 12-Jun-23* | Project Closeout - CD Return Sludge PS Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.10 (2) Return Sludge PS Plant 2 - RAS Line | | | | | 519 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40660 | RAS Header pipe Design Validation - CD Return Sludge PS Plant 2 | 15 | 13-Jan-16 A | 27-Jan-16 A | RAS Header pipe Design Validation - CD Return Sludge PS Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84480 | Engineering Design - Return Sludge PS Plant 2 - RAS Line | 92 | 13-Jan-16 A | 13-Apr-16 A | Engineering Design - Return Sludge PS Plant 2 - RAS Line | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40670 | RAS Header pipe 100% Design Submission - CD Return Sludge PS Plant 2 | 77 | 28-Jan-16 A | 13-Apr-16 A | RAS Header pipe 100% Design Submission - CD Return Sludge PS Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81330 | FDEP Permit (RAS Header Pipe) - CD Return Sludge PS Plant 2 | 0 | 22-Mar-16 A | 22-Mar-16 A | FDEP Permit (RAS Header Pipe) - CD Return Sludge PS Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40690 | Emergency Procurement of RAS Header Pipe - CD Return Sludge PS Plant 2 | 7 | 14-Apr-16 A | 20-Apr-16 A | Emergency Procurement of RAS Header Pipe - CD Return Sludge PS Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 419 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40700 | Construction RAS Header Pipe - CD Return Sludge PS Plant 2 | 419 | 22-Apr-16 A | 14-Jul-17 | Construction RAS Header Pipe - CD Return Sludge PS Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.11 Effluent Pump Station | | | | | 1542 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 222 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11292 | Pre-Design - CD Effluent Pump Station | 223 | 19-Feb-16 A | 28-Sep-16 A | Pre-Design - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 360 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82270 | Draft Technical Memo Submittal - CD Effluent Pump Station | 20 | 24-Aug-16 A | 12-Sep-16 A | Draft Technical Memo Submittal - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82280 | Final Technical Memo Submittal - CD Effluent Pump Station | 21 | 13-Sep-16 A | 03-Oct-16 A | Final Technical Memo Submittal - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20560 | Draft Basis of Design Report (BODR) - CD Effluent Pump Station | 35 | 13-Sep-16 A | 17-Oct-16 A | Draft Basis of Design Report (BODR) - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20570 | BODR Review Period - CD Effluent Pump Station | 9 | 18-Oct-16 A | 26-Oct-16 A | BODR Review Period - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82290 | Final Basis of Design Report (BODR) - CD Effluent Pump Station | 14 | 27-Oct-16 A | 09-Nov-16 A | Final Basis of Design Report (BODR) - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80870 | EPA Start Date for Engineering Design - CD Effluent Pump Station | 0 | 01-Jan-17 A | | EPA Start Date for Engineering Design - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20580 | 30% Design Submittal - CD Effluent Pump Station | 69 | 10-Nov-16 A | 17-Jan-17 A | 30% Design Submittal - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20590 | 30% Design Review - CD Effluent Pump Station | 24 | 18-Jan-17 A | 10-Feb-17 A | 30% Design Review - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20600 | 60% Design Submittal - CD Effluent Pump Station | 31 | 11-Feb-17 A | 13-Mar-17 A | 60% Design Submittal - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20610 | 60% Design Review - CD Effluent Pump Station | 16 | 14-Mar-17 A | 29-Mar-17 A | 60% Design Review - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20620 | 100% Design Submittal - CD Effluent Pump Station | 68 | 30-Mar-17 A | 06-Jun-17 A | 100% Design Submittal - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10080 | Engineering Design - CD Effluent Pump Station | 297 | 24-Aug-16 A | 16-Jun-17 A | Engineering Design - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40380 | 100% Design Review/Permit Ready Submittal - CD Effluent Pump Station | 11 | 07-Jun-17 A | 16-Jun-17 A | 100% Design Review/Permit Ready Submittal - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82700 | EPA Compliance Date for Engineering Design - CD Effluent Pump Station | 0 | | 18-Aug-17* | EPA Compliance Date for Engineering Design - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 345 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84810 | DERM Permit - CD Effluent Pump Station | 90 | 22-Jun-17 A | 10-Jul-17 | DERM Permit - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82710 | EPA Start Date for Permitting - CD Effluent Pump Station | 0 | 19-Aug-17* | | EPA Start Date for Permitting - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84820 | City of Miami Permit - CD Effluent Pump Station | 90 | 11-Jul-17 | 08-Oct-17 | City of Miami Permit - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10180 | Permitting - CD Effluent Pump Station | 180 | 22-Jun-17 A | 11-Oct-17 | Permitting - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80880 | EPA Compliance Date for Permitting - CD Effluent Pump Station | 0 | | 20-Jun-18* | EPA Compliance Date for Permitting - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 707 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84180 | GMOU submittal and approval - CD Effluent Pump Station | 20 | 14-Jul-17* | 02-Aug-17 | GMOU submittal and approval - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84040 | Internal Bid Package Review - CD Effluent Pump Station | 3 | 09-Oct-17 | 11-Oct-17 | Internal Bid Package Review - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31520 | Design Documents Sent to Procurement - CD Effluent Pump Station | 0 | 12-Oct-17 | | Design Documents Sent to Procurement - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31530 | Submit/Approve SBD Goals and Request to Advertise - CD Effluent Pump Station | 60 | 12-Oct-17 | 10-Dec-17 | Submit/Approve SBD Goals and Request to Advertise - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31540 | Advertise Bid Package - CD Effluent Pump Station | 0 | 11-Dec-17 | | Advertise Bid Package - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31550 | Bid Solicitation Period - CD Effluent Pump Station | 60 | 11-Dec-17 | 08-Feb-18 | Bid Solicitation Period - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31560 | Bids Due - CD Effluent Pump Station | 0 | 09-Feb-18 | | Bids Due - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31570 | Bid Review Period - CD Effluent Pump Station | 30 | 09-Feb-18 | 10-Mar-18 | Bid Review Period - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31580 | Award Recommendation - CD Effluent Pump Station | 0 | | 10-Mar-18 | Award Recommendation - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82720 | EPA Start Date for Procurement - CD Effluent Pump Station | 0 | 21-Jun-18* | | EPA Start Date for Procurement - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10420 | Procurement - CD Effluent Pump Station | 270 | 12-Oct-17 | 08-Jul-18 | Procurement - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31590 | Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Effluent Pump Station | 120 | 11-Mar-18 | 08-Jul-18 | Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10658 | Contractor Notice to Proceed (NTP) - CD Effluent Pump Station | 0 | 09-Jul-18 | | Contractor Notice to Proceed (NTP) - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80890 | EPA Compliance Date for Procurement - CD Effluent Pump Station | 0 | | 20-Jun-19* | EPA Compliance Date for Procurement - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 671 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10660 | Construction - CD Effluent Pump Station | 324 | 09-Jul-18 | 28-May-19 | Construction - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10870 | Substantial Completion (CD Compliance Date 5/09/20) - CD Effluent Pump Station | 0 | | 28-May-19* | Substantial Completion (CD Compliance Date 5/09/20) - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82730 | EPA Start Date for Construction - CD Effluent Pump Station | 0 | 21-Jun-19* | | EPA Start Date for Construction - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40090 | Project Closeout - CD Effluent Pump Station | 90 | 29-May-19 | 26-Aug-19* | Project Closeout - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80900 | EPA Compliance Date for Construction - CD Effluent Pump Station | 0 | | 09-May-20* | EPA Compliance Date for Construction - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 1144 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD34040 | WASD Project Administration - CD Effluent Pump Station | 1144 | 13-Sep-16 A | 26-Aug-19 | WASD Project Administration - CD Effluent Pump Station | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.12 Gravity Sludge Thickeners Plant 1 | | | | | 2273 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016-2024 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|-------------|-------------|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | | | | 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 |
| Pre-Design | | | | | Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11302 | Pre-Design - CD Gravity Sludge Thickeners Plant 1 | 87 | 02-Feb-15 A | 30-Apr-15 A | Pre-Design - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20960 | Basis of Design Report (BODR) - CD Gravity Sludge Thickeners Plant 1 | 190 | 16-Jun-15 A | 22-Dec-15 A | Basis of Design Report (BODR) - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32810 | BODR Design Review - CD Gravity Sludge Thickeners Plant 1 | 36 | 23-Dec-15 A | 27-Jan-16 A | BODR Design Review - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10370 | Engineering Design - CD Gravity Sludge Thickeners Plant 1 | 288 | 16-Jun-15 A | 29-Mar-16 A | Engineering Design - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD41080 | Issue Final RDBS - CD Gravity Sludge Thickeners Plant 1 | 0 | | 29-Mar-16 A | Issue Final RDBS - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32620 | Design Criteria Package Initial Submittal - CD Gravity Sludge Thickeners Plant 1 | 90 | 28-Jan-16 A | 26-Apr-16 A | Design Criteria Package Initial Submittal - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32640 | DCP Design Review - CD Gravity Sludge Thickeners Plant 1 | 25 | 25-Apr-16 A | 19-May-16 A | DCP Design Review - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33340 | Pilot Testing of Thickening Process - CD Gravity Sludge Thickeners Plant 1 | 298 | 04-Jan-16 A | 27-Oct-16 A | Pilot Testing of Thickening Process - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32660 | Final DCP Submittal - CD Gravity Sludge Thickeners Plant 1 | 188 | 20-May-16 A | 23-Nov-16 A | Final DCP Submittal - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82740 | EPA Start Date for Engineering Design - CD Gravity Sludge Thickeners Plant 1 | 0 | 01-Apr-17 A | | EPA Start Date for Engineering Design - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80910 | EPA Compliance Date for Engineering Design - CD Gravity Sludge Thickeners Plant 1 | 0 | | 05-Oct-17* | EPA Compliance Date for Engineering Design - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32680 | FDEP Permit - CD Gravity Sludge Thickeners Plant 1 | 125 | 29-Jan-16 A | 02-Jun-16 A | FDEP Permit - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33220 | RDBS Sent to Procurement - CD Gravity Sludge Thickeners Plant 1 | 0 | 29-Mar-16 A | | RDBS Sent to Procurement - CD Gravity Sludge Thickeners 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 Goals and Request to Advertise - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33240 | Advertise RDBS - CD Gravity Sludge Thickeners Plant 1 | 0 | 20-Jul-16 A | | Advertise RDBS - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33250 | Request for Qualifications - CD Gravity Sludge Thickeners Plant 1 | 59 | 20-Jul-16 A | 16-Sep-16 A | Request for Qualifications - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33260 | Qualifications Package Due - CD Gravity Sludge Thickeners Plant 1 | 0 | 17-Sep-16 A | | Qualifications Package Due - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33270 | Qualification Review Period - CD Gravity Sludge Thickeners Plant 1 | 91 | 17-Sep-16 A | 16-Dec-16 A | Qualification Review Period - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33280 | Shortlist Published - CD Gravity Sludge Thickeners Plant 1 | 0 | | 16-Dec-16 A | Shortlist Published - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33290 | Request for Proposals - CD Gravity Sludge Thickeners Plant 1 | 101 | 24-Jan-17 A | 04-May-17 A | Request for Proposals - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33300 | Proposals Due - CD Gravity Sludge Thickeners Plant 1 | 0 | 05-May-17 A | | Proposals Due - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33310 | Proposal Review Period - CD Gravity Sludge Thickeners Plant 1 | 49 | 05-May-17 A | 27-Jul-17 | Proposal Review Period - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33320 | Award Recommendation - CD Gravity Sludge Thickeners Plant 1 | 0 | 28-Jul-17 | | Award Recommendation - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33330 | Contract Negotiations - CD Gravity Sludge Thickeners Plant 1 | 55 | 28-Jul-17 | 20-Sep-17 | Contract Negotiations - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84490 | BCC Board Approval - CD Gravity Sludge Thickeners Plant 1 | 0 | | 03-Oct-17* | BCC Board Approval - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10730 | Procurement - CD Gravity Sludge Thickeners Plant 1 | 581 | 29-Mar-16 A | 30-Oct-17 | Procurement - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33360 | Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Gravity Sludge Thickeners Plant 1 | 40 | 21-Sep-17 | 30-Oct-17 | Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82760 | EPA Start Date for Procurement - CD Gravity Sludge Thickeners Plant 1 | 0 | 06-Oct-18* | | EPA Start Date for Procurement - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80930 | EPA Compliance Date for Procurement - CD Gravity Sludge Thickeners Plant 1 | 0 | | 05-Oct-19* | EPA Compliance Date for Procurement - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design-Build | | | | | Design-Build | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33350 | Design-Builder NTP - CD Gravity Sludge Thickeners Plant 1 | 0 | 31-Oct-17 | | Design-Builder NTP - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32690 | Final Engineering by Design-Builder - CD Gravity Sludge Thickeners Plant 1 | 330 | 31-Oct-17 | 25-Sep-18 | Final Engineering by Design-Builder - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32700 | AHJ Permit Review - CD Gravity Sludge Thickeners Plant 1 | 180 | 29-May-18 | 24-Nov-18 | AHJ Permit Review - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82770 | EPA Start Date for Construction - CD Gravity Sludge Thickeners Plant 1 | 0 | 06-Oct-19* | | EPA Start Date for Construction - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84760 | Design-Builder Contract Duration - CD Gravity Sludge Thickeners Plant 1 | 818 | 31-Oct-17 | 26-Jan-20 | Design-Builder Contract Duration - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10950 | Construction - CD Gravity Sludge Thickeners Plant 1 | 600 | 06-Jun-18 | 26-Jan-20 | Construction - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11160 | Substantial Completion (CD Compliance Date 4/23/21) - CD Gravity Sludge Thickeners Plant 1 | 0 | | 26-Jan-20* | Substantial Completion (CD Compliance Date 4/23/21) - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40100 | Project Closeout - CD Gravity Sludge Thickeners Plant 1 | 90 | 27-Jan-20 | 25-Apr-20* | Project Closeout - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80940 | EPA Compliance Date for Construction - CD Gravity Sludge Thickeners Plant 1 | 0 | | 23-Apr-21* | EPA Compliance Date for Construction - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD34050 | WASD Project Administration - CD Gravity Sludge Thickeners Plant 1 | 1776 | 16-Jun-15 A | 25-Apr-20 | WASD Project Administration - CD Gravity Sludge Thickeners Plant 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.13 Gravity Sludge Thickeners Plant 2 | | | | | 2.13 Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD21080 | Negotiate/Award Balance of Design - CD Gravity Sludge Thickeners Plant 2 | 58 | 01-Feb-15 A | 31-Mar-15 A | Negotiate/Award Balance of Design - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD21020 | Complete Technical Memorandum - CD Gravity Sludge Thickeners Plant 2 | 235 | 11-Jun-14 A | 31-Jan-15 A | Complete Technical Memorandum - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82780 | EPA Start Date for Engineering Design - CD Gravity Sludge Thickeners Plant 2 | 0 | 01-Oct-15 A | | EPA Start Date for Engineering Design - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD21730 | Basis of Design Report (BODR) - CD Gravity Sludge Thickeners Plant 2 | 236 | 01-May-15 A | 22-Dec-15 A | Basis of Design Report (BODR) - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD21740 | BODR Design Review - CD Gravity Sludge Thickeners Plant 2 | 36 | 23-Dec-15 A | 27-Jan-16 A | BODR Design Review - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10510 | Engineering Design - CD Gravity Sludge Thickeners Plant 2 | 658 | 11-Jun-14 A | 29-Mar-16 A | Engineering Design - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD41070 | Issue Final RDBS - CD Gravity Sludge Thickeners Plant 2 | 0 | | 29-Mar-16 A | Issue Final RDBS - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30160 | Design Criteria Package Initial Submittal - CD Gravity Sludge Thickeners Plant 2 | 90 | 28-Jan-16 A | 26-Apr-16 A | Design Criteria Package Initial Submittal - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30190 | DCP Design Review - CD Gravity Sludge Thickeners Plant 2 | 23 | 27-Apr-16 A | 19-May-16 A | DCP Design Review - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80950 | EPA Compliance Date for Engineering Design - CD Gravity Sludge Thickeners Plant 2 | 0 | | 22-Jul-16 A | EPA Compliance Date for Engineering Design - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33370 | Pilot Testing of Thickening Process - CD Gravity Sludge Thickeners Plant 2 | 298 | 04-Jan-16 A | 27-Oct-16 A | Pilot Testing of Thickening Process - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30200 | Final DCP Submittal - CD Gravity Sludge Thickeners Plant 2 | 188 | 20-May-16 A | 23-Nov-16 A | Final DCP Submittal - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD30230 | FDEP Permit - CD Gravity Sludge Thickeners Plant 2 | 125 | 29-Jan-16 A | 02-Jun-16 A | FDEP Permit - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33380 | RDBS Sent to Procurement - CD Gravity Sludge Thickeners Plant 2 | 0 | 29-Mar-16 A | | RDBS Sent to Procurement - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33390 | Submit/Approve SBD Goals and Request to Advertise - CD Gravity Sludge Thickeners Plant 2 | 113 | 29-Mar-16 A | 19-Jul-16 A | Submit/Approve SBD Goals and Request to Advertise - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33400 | Advertise RDBS - CD Gravity Sludge Thickeners Plant 2 | 0 | 20-Jul-16 A | | Advertise RDBS - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33410 | Request for Qualifications - CD Gravity Sludge Thickeners Plant 2 | 59 | 20-Jul-16 A | 16-Sep-16 A | Request for Qualifications - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33420 | Qualifications Package Due - CD Gravity Sludge Thickeners Plant 2 | 0 | 17-Sep-16 A | | Qualifications Package Due - CD Gravity Sludge Thickeners Plant 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

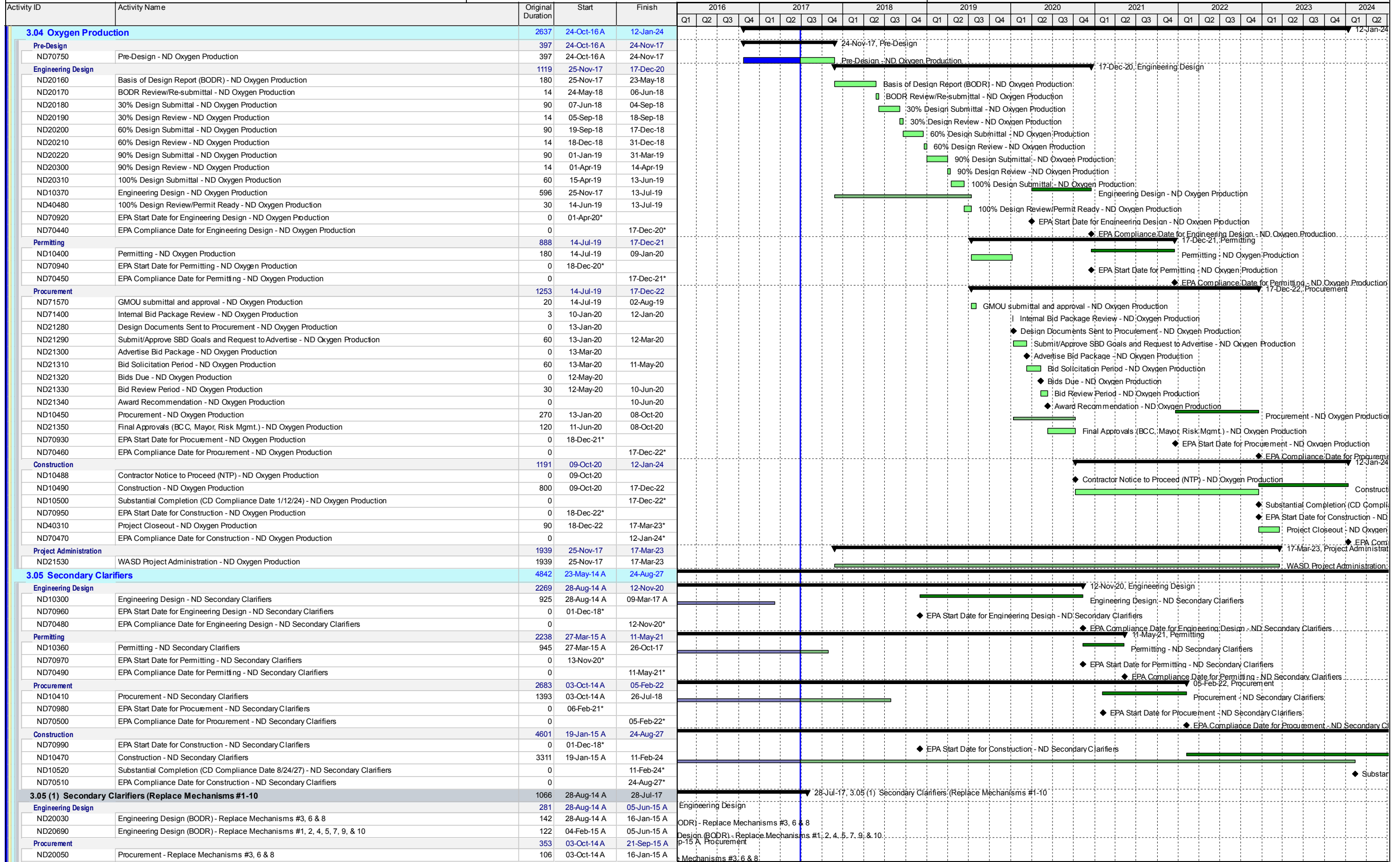
| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | | | | | | | | | 2017 | | | | | | | | | | | | 2018 | | | | | | | | | | | | 2019 | | | | | | | | | | | | 2020 | | | | | | | | | | | | 2021 | | | | | | | | | | | | 2022 | | | | | | | | | | | | 2023 | | | | | | | | | | | | 2024 | | | | | | | | | | | |
|---------------------------------|--|-------------------|--------------------|--------------------|------|----|----|----|----|----|----|----|----|----|----|----|------|----|----|----|----|----|----|----|----|----|----|----|------|----|----|----|----|----|----|----|----|----|----|----|------|----|----|----|----|----|----|----|----|----|----|----|------|--|--|--|----|--|--|--|----|--|--|--|------|--|--|--|----|--|--|--|----|--|--|--|------|--|--|--|----|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10400 | Permitting - CD Digesters Plant 2 Cluster 3 | 180 | 25-Feb-18 | 23-Aug-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82990 | EPA Start Date for Permitting - CD Digesters Plant 2 Cluster 3 | 0 | 08-Dec-18* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81670 | EPA Compliance Date for Permitting - CD Digesters Plant 2 Cluster 3 | 0 | 07-Dec-19* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 1016 | 25-Feb-18 | 06-Dec-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84220 | GMOU submittal and approval - CD Digesters Plant 2 Cluster 3 | 20 | 25-Feb-18 | 16-Mar-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84080 | Internal Bid Package Review - CD Digesters Plant 2 Cluster 3 | 3 | 24-Aug-18 | 26-Aug-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31920 | Design Documents Sent to Procurement - CD Digesters Plant 2 Cluster 3 | 0 | 27-Aug-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31930 | Submit/Approve SBD Goals and Request to Advertise - CD Digesters Plant 2 Cluster 3 | 60 | 27-Aug-18 | 25-Oct-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31940 | Advertise Bid Package - CD Digesters Plant 2 Cluster 3 | 0 | 26-Oct-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31950 | Bid Solicitation Period - CD Digesters Plant 2 Cluster 3 | 60 | 26-Oct-18 | 24-Dec-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31960 | Bids Due - CD Digesters Plant 2 Cluster 3 | 0 | 25-Dec-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31970 | Bid Review Period - CD Digesters Plant 2 Cluster 3 | 30 | 25-Dec-18 | 23-Jan-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31980 | Award Recommendation - CD Digesters Plant 2 Cluster 3 | 0 | 23-Jan-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10640 | Procurement - CD Digesters Plant 2 Cluster 3 | 270 | 27-Aug-18 | 23-May-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD31990 | Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Digesters Plant 2 Cluster 3 | 120 | 24-Jan-19 | 23-May-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD83000 | EPA Start Date for Procurement - CD Digesters Plant 2 Cluster 3 | 0 | 08-Dec-19* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81170 | EPA Compliance Date for Procurement - CD Digesters Plant 2 Cluster 3 | 0 | 06-Dec-20* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 940 | 25-Dec-19 | 21-Jul-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10878 | Contractor Notice to Proceed (NTP) - CD Digesters Plant 2 Cluster 3 | 0 | 25-Dec-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD83010 | EPA Start Date for Construction - CD Digesters Plant 2 Cluster 3 | 0 | 07-Dec-20* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10880 | Construction - CD Digesters Plant 2 Cluster 3 | 550 | 25-Dec-19 | 26-Jun-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11140 | Substantial Completion (CD Compliance Date 8/19/22) - CD Digesters Plant 2 Cluster 3 | 0 | 26-Jun-21* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40160 | Project Closeout - CD Digesters Plant 2 Cluster 3 | 90 | 27-Jun-21 | 24-Sep-21* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81180 | EPA Compliance Date for Construction - CD Digesters Plant 2 Cluster 3 | 0 | 21-Jul-22* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | 1548 | 30-Jun-17 | 24-Sep-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD34110 | WASD Project Administration - CD Digesters Plant 2 Cluster 3 | 1548 | 30-Jun-17 | 24-Sep-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.15.4 Cluster 4 | | 2857 | 19-Dec-14 A | 19-Aug-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 136 | 19-Dec-14 A | 04-May-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD12201 | Pre-Design - CD Digesters Plant 2 Cluster 4 | 137 | 19-Dec-14 A | 04-May-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 1682 | 19-Mar-15 A | 25-Oct-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD83020 | EPA Start Date for Engineering Design - CD Digesters Plant 2 Cluster 4 | 0 | 19-Mar-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20340 | Basis of Design Report (BODR) - CD Digesters Plant 2 Cluster 4 | 100 | 05-May-15 A | 12-Aug-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20350 | BODR Review Period - CD Digesters Plant 2 Cluster 4 | 14 | 13-Aug-15 A | 26-Aug-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20380 | 60% Design Submittal - CD Digesters Plant 2 Cluster 4 | 57 | 19-Oct-15 A | 14-Dec-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20390 | 60% Design Review - CD Digesters Plant 2 Cluster 4 | 8 | 15-Dec-15 A | 22-Dec-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81190 | EPA Compliance Date for Engineering Design - CD Digesters Plant 2 Cluster 4** | 0 | 11-Mar-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20400 | 100% Design Submittal - CD Digesters Plant 2 Cluster 4 | 240 | 26-Oct-18* | 22-Jun-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11060 | Engineering Design - CD Digesters Plant 2 Cluster 4 | 1636 | 04-May-15 A | 25-Oct-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40470 | 100% Design Review/Permit Ready Submittal - CD Digesters Plant 2 Cluster 4 | 125 | 23-Jun-19 | 25-Oct-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 1634 | 12-Mar-16 A | 31-Aug-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD83050 | EPA Start Date for Permitting - CD Digesters Plant 2 Cluster 4** | 0 | 12-Mar-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11130 | Permitting - CD Digesters Plant 2 Cluster 4 | 270 | 26-Oct-19 | 21-Jul-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81200 | EPA Compliance Date for Permitting - CD Digesters Plant 2 Cluster 4 | 0 | 31-Aug-20* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 676 | 26-Oct-19 | 31-Aug-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84230 | GMOU submittal and approval - CD Digesters Plant 2 Cluster 4 | 20 | 26-Oct-19 | 14-Nov-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84090 | Internal Bid Package Review - CD Digesters Plant 2 Cluster 4 | 3 | 22-Jul-20 | 24-Jul-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32000 | Design Documents Sent to Procurement - CD Digesters Plant 2 Cluster 4 | 0 | 25-Jul-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD83040 | EPA Start Date for Procurement - CD Digesters Plant 2 Cluster 4 | 0 | 01-Sep-20* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32010 | Submit/Approve SBD Goals and Request to Advertise - CD Digesters Plant 2 Cluster 4 | 60 | 25-Jul-20 | 22-Sep-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32020 | Advertise Bid Package - CD Digesters Plant 2 Cluster 4 | 0 | 23-Sep-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32030 | Bid Solicitation Period - CD Digesters Plant 2 Cluster 4 | 60 | 23-Sep-20 | 21-Nov-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32040 | Bids Due - CD Digesters Plant 2 Cluster 4 | 0 | 22-Nov-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32050 | Bid Review Period - CD Digesters Plant 2 Cluster 4 | 30 | 22-Nov-20 | 21-Dec-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32060 | Award Recommendation - CD Digesters Plant 2 Cluster 4 | 0 | 21-Dec-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11250 | Procurement - CD Digesters Plant 2 Cluster 4 | 270 | 25-Jul-20 | 20-Apr-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32070 | Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Digesters Plant 2 Cluster 4 | 120 | 22-Dec-20 | 20-Apr-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81210 | EPA Compliance Date for Procurement - CD Digesters Plant 2 Cluster 4 | 0 | 31-Aug-21* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 486 | 21-Apr-21 | 19-Aug-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11328 | Contractor Notice to Proceed (NTP) - CD Digesters Plant 2 Cluster 4 | 0 | 21-Apr-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD83030 | EPA Start Date for Construction - CD Digesters Plant 2 Cluster 4 | 0 | 01-Sep-21* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11330 | Construction - CD Digesters Plant 2 Cluster 4 | 365 | 21-Apr-21 | 20-Apr-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11490 | Substantial Completion (CD Compliance Date 8/19/22) - CD Digesters Plant 2 Cluster 4 | 0 | 20-Apr-22* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40170 | Project Closeout - CD Digesters Plant 2 Cluster 4 | 90 | 21-Apr-22 | 19-Jul-22* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81380 | EPA Compliance Date for Construction - CD Digesters Plant 2 Cluster 4 | 0 | 19-Aug-22* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | 2720 | 05-May-15 A | 19-Jul-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD34120 | WASD Project Administration - CD Digesters Plant 2 Cluster 4 | 2720 | 05-May-15 A | 19-Jul-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.16 Dewatering Building | | 2379 | 02-Feb-15 A | 07-Aug-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 87 | 02-Feb-15 A | 29-Apr-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016-2024 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--|-------------------|--------------------|--------------------|--|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
| | | | | | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | |
| | | | | | 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 |
| CD12211 | Pre-Design - CD Dewatering Building | 87 | 02-Feb-15 A | 29-Apr-15 A | Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 825 | 30-Apr-15 A | 01-Aug-17 | 01-Aug-17, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD21180 | Basis of Design Report (BODR) - CD Dewatering Building | 237 | 30-Apr-15 A | 22-Dec-15 A | Basis of Design Report (BODR) - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD21190 | BODR Review Period - CD Dewatering Building | 36 | 23-Dec-15 A | 27-Jan-16 A | BODR Review Period - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10170 | Engineering Design - CD Dewatering Building | 335 | 30-Apr-15 A | 29-Mar-16 A | Engineering Design - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD41110 | Issue Final RDBS - CD Dewatering Building | 0 | | 29-Mar-16 A | Issue Final RDBS - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32720 | Design Criteria Package Initial Submittal - CD Dewatering Building | 90 | 28-Jan-16 A | 26-Apr-16 A | Design Criteria Package Initial Submittal - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32740 | DCP Design Review - CD Dewatering Building | 23 | 27-Apr-16 A | 19-May-16 A | DCP Design Review - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD83060 | EPA Start Date for Engineering Design - CD Dewatering Building | 0 | 01-Jun-16 A | | EPA Start Date for Engineering Design - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33660 | Pilot Testing of Thickening Process - CD Dewatering Building | 298 | 04-Jan-16 A | 27-Oct-16 A | Pilot Testing of Thickening Process - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32760 | Final DCP Submittal - CD Dewatering Building | 188 | 20-May-16 A | 23-Nov-16 A | Final DCP Submittal - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81390 | EPA Compliance Date for Engineering Design - CD Dewatering Building | 0 | | 01-Aug-17* | EPA Compliance Date for Engineering Design - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 125 | 29-Jan-16 A | 02-Jun-16 A | 02-Jun-16 A, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32780 | FDEP Permit - CD Dewatering Building | 126 | 29-Jan-16 A | 02-Jun-16 A | FDEP Permit - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 1221 | 29-Mar-16 A | 01-Aug-19 | 01-Aug-19, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33520 | RDBS Sent to Procurement - CD Dewatering Building | 0 | 29-Mar-16 A | | RDBS Sent to Procurement - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 Request to Advertise - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33540 | Advertise RDBS - CD Dewatering Building | 0 | 20-Jul-16 A | | Advertise RDBS - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33550 | Request for Qualifications - CD Dewatering Building | 59 | 20-Jul-16 A | 16-Sep-16 A | Request for Qualifications - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33560 | Qualifications Package Due - CD Dewatering Building | 0 | 17-Sep-16 A | | Qualifications Package Due - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33570 | Qualification Review Period - CD Dewatering Building | 91 | 17-Sep-16 A | 16-Dec-16 A | Qualification Review Period - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33580 | Shortlist Published - CD Dewatering Building | 0 | | 16-Dec-16 A | Shortlist Published - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33590 | Request for Proposals - CD Dewatering Building | 101 | 24-Jan-17 A | 04-May-17 A | Request for Proposals - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33600 | Proposals Due - CD Dewatering Building | 0 | 05-May-17 A | | Proposals Due - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33610 | Proposal Review Period - CD Dewatering Building | 49 | 05-May-17 A | 27-Jul-17 | Proposal Review Period - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33620 | Award Recommendation - CD Dewatering Building | 0 | 28-Jul-17 | | Award Recommendation - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33630 | Contract Negotiations - CD Dewatering Building | 57 | 28-Jul-17 | 22-Sep-17 | Contract Negotiations - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84510 | BCC Board Approval - CD Dewatering Building | 0 | | 03-Oct-17* | BCC Board Approval - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10440 | Procurement - CD Dewatering Building | 581 | 29-Mar-16 A | 01-Nov-17 | Procurement - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33640 | Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Dewatering Building | 40 | 23-Sep-17 | 01-Nov-17 | Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD83080 | EPA Start Date for Procurement - CD Dewatering Building | 0 | 02-Aug-18* | | EPA Start Date for Procurement - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81410 | EPA Compliance Date for Procurement - CD Dewatering Building | 0 | | 01-Aug-19* | EPA Compliance Date for Procurement - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design-Build | | 1375 | 02-Nov-17 | 07-Aug-21 | 07-Aug-21, Design-Build | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD33650 | Design-Builder NTP - CD Dewatering Building | 0 | 02-Nov-17 | | Design-Builder NTP - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32790 | Final Engineering by Design-Builder - CD Dewatering Building | 330 | 02-Nov-17 | 27-Sep-18 | Final Engineering by Design-Builder - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32800 | AHJ Permit Review - CD Dewatering Building | 180 | 31-May-18 | 26-Nov-18 | AHJ Permit Review - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD83090 | EPA Start Date for Construction - CD Dewatering Building | 0 | 02-Aug-19* | | EPA Start Date for Construction - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD84780 | Design-Builder Contract Duration - CD Dewatering Building | 818 | 02-Nov-17 | 28-Jan-20 | Design-Builder Contract Duration - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10670 | Construction - CD Dewatering Building | 600 | 08-Jun-18 | 28-Jan-20 | Construction - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11080 | Substantial Completion (CD Compliance Date 8/07/21) - CD Dewatering Building | 0 | | 28-Jan-20* | Substantial Completion (CD Compliance Date 8/07/21) - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40180 | Project Closeout - CD Dewatering Building | 90 | 29-Jan-20 | 27-Apr-20* | Project Closeout - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81420 | EPA Compliance Date for Construction - CD Dewatering Building | 0 | | 07-Aug-21* | EPA Compliance Date for Construction - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | 1823 | 30-Apr-15 A | 27-Apr-20 | 27-Apr-20, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD34130 | WASD Project Administration - CD Dewatering Building | 1823 | 30-Apr-15 A | 27-Apr-20 | WASD Project Administration - CD Dewatering Building | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.17 Chlorination Facilities | | 1570 | 01-Oct-13 A | 17-Jan-18 | 17-Jan-18, 2.17 Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 836 | 01-Oct-13 A | 15-Jan-16 A | 15-Jan-16 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD83100 | EPA Start Date for Engineering Design - CD Chlorination Facilities** | 0 | 01-Oct-13 A | | EPA Start Date for Engineering Design - CD Chlorination Facilities** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81430 | EPA Compliance Date for Engineering Design - CD Chlorination Facilities** | 0 | | 07-Sep-14 A | EPA Compliance Date for Engineering Design - CD Chlorination Facilities** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20410 | Evaluation of Design Alternatives - CD Chlorination Facilities | 344 | 01-Oct-13 A | 09-Sep-14 A | Evaluation of Design Alternatives - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20420 | Basis of Design Report (BODR) - CD Chlorination Facilities | 91 | 18-Feb-15 A | 19-May-15 A | Basis of Design Report (BODR) - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20430 | BODR Review Period - CD Chlorination Facilities | 16 | 28-May-15 A | 12-Jun-15 A | BODR Review Period - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20435 | Negotiate Scope and Cost with MWH - CD Chlorination Facilities | 88 | 23-Mar-15 A | 18-Jun-15 A | Negotiate Scope and Cost with MWH - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20440 | 60% Design Submittal - CD Chlorination Facilities | 78 | 18-Jun-15 A | 03-Sep-15 A | 60% Design Submittal - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20450 | 60% Design Review - CD Chlorination Facilities | 7 | 04-Sep-15 A | 10-Sep-15 A | 60% Design Review - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD20480 | 100% Design Submittal - CD Chlorination Facilities | 43 | 11-Sep-15 A | 23-Oct-15 A | 100% Design Submittal - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10060 | Engineering Design - CD Chlorination Facilities | 777 | 01-Oct-13 A | 16-Nov-15 A | Engineering Design - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD40480 | 100% Design Review/Permit Ready Submittal - CD Chlorination Facilities | 17 | 31-Oct-15 A | 16-Nov-15 A | 100% Design Review/Permit Ready Submittal - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32610 | Develop Equipment Pre-Purchase RTU Packages - CD Chlorination Facilities | 212 | 18-Jun-15 A | 15-Jan-16 A | Develop Equipment Pre-Purchase RTU Packages - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 691 | 08-Sep-14 A | 30-Jul-16 A | 30-Jul-16 A, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD83110 | EPA Start Date for Permitting - CD Chlorination Facilities | 0 | 08-Sep-14 A | | EPA Start Date for Permitting - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10250 | Permitting - CD Chlorination Facilities | 221 | 20-Nov-15 A | 27-Jun-16 A | Permitting - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD80050 | City of Miami Building Permit - CD Chlorination Facilities | 221 | 20-Nov-15 A | 27-Jun-16 A | City of Miami Building Permit - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81440 | EPA Compliance Date for Permitting - CD Chlorination Facilities | 0 | | 30-Jul-16 A | EPA Compliance Date for Permitting - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 583 | 16-Nov-15 A | 20-Jun-17 A | 20-Jun-17 A, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32160 | Design Documents Sent to Procurement - CD Chlorination Facilities | 0 | 16-Nov-15 A | | Design Documents Sent to Procurement - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32170 | Submit/Approve SBD Goals and Request to Advertise - CD Chlorination Facilities | 42 | 16-Nov-15 A | 27-Dec-15 A | Submit/Approve SBD Goals and Request to Advertise - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32180 | Advertise Bid Package - CD Chlorination Facilities | 0 | 28-Dec-15 A | | Advertise Bid Package - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD32190 | Bid Solicitation Period - CD Chlorination Facilities | 42 | 28-Dec-15 A | 07-Feb-16 A | Bid Solicitation Period - CD Chlorination Facilities | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Activity ID | Activity Name | Original Duration | Start | Finish | 2016 (Q1-Q4) | 2017 (Q1-Q4) | 2018 (Q1-Q4) | 2019 (Q1-Q4) | 2020 (Q1-Q4) | 2021 (Q1-Q4) | 2022 (Q1-Q4) | 2023 (Q1-Q4) | 2024 (Q1-Q4)
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 | | | | | | | | | | | |
CD32210 | Bid Review Period - CD Chlorination Facilities | 14 | 08-Feb-16 A | 21-Feb-16 A | | | | | | | | | | | |
CD32220 | Award Recommendation - CD Chlorination Facilities | 0 | | 22-Feb-16 A | | | | | | | | | | | |
CD10260 | Procurement - CD Chlorination Facilities | 135 | 16-Nov-15 A | 29-Mar-16 A | | | | | | | | | | | |
CD32230 | Final Approvals (BCC, Mayor, Risk Mgmt.) - CD Chlorination Facilities | 37 | 22-Feb-16 A | 29-Mar-16 A | | | | | | | | | | | |
CD81450 | EPA Compliance Date for Procurement - CD Chlorination Facilities | 0 | | 06-Sep-16 A | | | | | | | | | | | |
CD33070 | Pre-Purchase Bid Package (RTU) - CD Chlorination Facilities | 250 | 16-Jan-16 A | 21-Sep-16 A | | | | | | | | | | | |
CD33100 | Vendor NTP (RTU) - CD Chlorination Facilities | 0 | | 21-Sep-16 A | | | | | | | | | | | |
CD32600 | Owner Pre-Purchase RTU - CD Chlorination Facilities | 522 | 16-Jan-16 A | 20-Jun-17 A | | | | | | | | | | | |
CD33110 | Fabricate & Deliver Pre-Purchase RTUs - CD Chlorination Facilities | 273 | 21-Sep-16 A | 20-Jun-17 A | | | | | | | | | | | |
Construction | | 640 | 18-Apr-16 A | 17-Jan-18 | | | | | | | | | | | |
CD10498 | Contractor Notice to Proceed (NTP) - CD Chlorination Facilities | 0 | 18-Apr-16 A | | | | | | | | | | | |
CD83130 | EPA Start Date for Construction - CD Chlorination Facilities | 0 | 07-Sep-16 A | | | | | | | | | | | |
CD81460 | EPA Compliance Date for Construction - CD Chlorination Facilities | 0 | | 29-Sep-17* | | | | | | | | | | | |
CD10500 | Construction - CD Chlorination Facilities | 550 | 18-Apr-16 A | 19-Oct-17 | | | | | | | | | | | |
CD10700 | Substantial Completion (CD Compliance Date 9/29/17) - CD Chlorination Facilities | 0 | | 19-Oct-17* | | | | | | | | | | | |
CD40190 | Project Closeout - CD Chlorination Facilities | 90 | 20-Oct-17 | 17-Jan-18* | | | | | | | | | | | |
Project Administration | | 1570 | 01-Oct-13 A | 17-Jan-18 | | | | | | | | | | | |
CD34140 | WASD Project Administration - CD Chlorination Facilities | 1570 | 01-Oct-13 A | 17-Jan-18 | | | | | | | | | | | |
2.18 Odor Control Systems | | 2104 | 06-Oct-14 A | 09-Jul-20 | | | | | | | | | | | |
Engineering Design | | 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 | | | | | | | | | | | |
CD83140 | EPA Start Date for Engineering Design - CD Odor Control Systems | 0 | 01-Oct-16 A | | | | | | | | | | | |
CD81470 | EPA Compliance Date for Engineering Design - CD Odor Control Systems | 0 | | 17-Jun-17 A | | | | | | | | | | | |
Permitting | | 871 | 29-Jan-16 A | 17-Jun-18 | | | | | | | | | | | |
CD10410 | Permitting (Summary) - CD Odor Control Systems | 190 | 29-Jan-16 A | 05-Aug-16 A | | | | | | | | | | | |
CD83150 | EPA Start Date for Permitting - CD Odor Control Systems | 0 | 18-Jun-17 A | | | | | | | | | | | |
CD81480 | EPA Compliance Date for Permitting - CD Odor Control Systems | 0 | | 17-Jun-18* | | | | | | | | | | | |
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 | | | | | | | | | | | |
CD83160 | EPA Start Date for Procurement - CD Odor Control Systems | 0 | 18-Jun-18* | | | | | | | | | | | |
CD81490 | EPA Compliance Date for Procurement - CD Odor Control Systems - CD Odor Control Systems | 0 | | 17-Jun-19* | | | | | | | | | | | |
Construction | | 1410 | 30-Aug-16 A | 09-Jul-20 | | | | | | | | | | | |
CD83170 | EPA Start Date for Construction - CD Odor Control Systems | 0 | 18-Jun-19* | | | | | | | | | | | |
CD10890 | Construction (Summary) - CD Odor Control Systems | 1246 | 30-Aug-16 A | 28-Jan-20 | | | | | | | | | | | |
CD11070 | Substantial Completion (CD Compliance Date 7/09/20) - CD Odor Control Systems | 0 | | 28-Jan-20* | | | | | | | | | | | |
CD40200 | Project Closeout - CD Odor Control Systems | 90 | 29-Jan-20 | 27-Apr-20* | | | | | | | | | | | |
CD81500 | EPA Compliance Date for Construction - CD Odor Control Systems | 0 | | 09-Jul-20* | | | | | | | | | | | |
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 | | | | | | | | | | | |
2.18 (1) Headworks Odor Controls System (Project 2.03/2.04) | | 1254 | 06-Oct-14 A | 12-Mar-18 | | | | | | | | | | | |
Engineering Design | | 479 | 06-Oct-14 A | 28-Jan-16 A | | | | | | | | | | | |
CD21270 | Engineering Design (Headworks) - CD Odor Control Systems | 480 | 06-Oct-14 A | 28-Jan-16 A | | | | | | | | | | | |
Permitting | | 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 | | | | | | | | | | | |
Procurement | | 175 | 07-Mar-16 A | 29-Aug-16 A | | | | | | | | | | | |
CD32250 | Procurement (Headworks) - CD Odor Control Systems | 176 | 07-Mar-16 A | 29-Aug-16 A | | | | | | | | | | | |
Construction | | 560 | 30-Aug-16 A | 12-Mar-18 | | | | | | | | | | | |
CD40430 | Construction (Headworks) - CD Odor Control Systems | 560 | 30-Aug-16 A | 12-Mar-18 | | | | | | | | | | | |
2.18 (2) Dewatering Odor Control System (Project 2.16) | | 1734 | 01-May-15 A | 28-Jan-20 | | | | | | | | | | | |
Engineering Design | | 333 | 01-May-15 A | 29-Mar-16 A | | | | | | | | | | | |
CD21290 | Engineering Design (Dewatering) - CD Odor Control Systems | 334 | 01-May-15 A | 29-Mar-16 A | | | | | | | | | | | |
Procurement | | 581 | 29-Mar-16 A | 01-Nov-17 | | | | | | | | | | | |
CD32270 | Procurement (Dewatering) - CD Odor Control Systems | 581 | 29-Mar-16 A | 01-Nov-17 | | | | | | | | | | | |
Construction | | 818 | 02-Nov-17 | 28-Jan-20 | | | | | | | | | | | |
CD40440 | Construction (Dewatering) - CD Odor Control Systems | 818 | 02-Nov-17 | 28-Jan-20 | | | | | | | | | | | |
2.19 Co-Gen Improvements | | 2525 | 22-Nov-12 A | 21-Oct-19 | | | | | | | | | | | |
Engineering Design | | 1453 | 22-Nov-12 A | 14-Nov-16 A | | | | | | | | | | | |
CD83180 | EPA Start Date for Engineering Design - CD Co-Gen Improvements | 0 | 01-May-14 A | | | | | | | | | | | |
CD10140 | Engineering Design - CD Co-Gen Improvements | 1440 | 22-Nov-12 A | 31-Oct-16 A | | | | | | | | | | | |
CD81510 | EPA Compliance Date for Engineering Design - CD Co-Gen Improvements | 0 | | 14-Nov-16 A | | | | | | | | | | | |
Permitting | | 1663 | 12-Mar-13 A | 29-Sep-17 | | | | | | | | | | | |
CD83190 | EPA Start Date for Permitting - CD Co-Gen Improvements | 0 | 18-Aug-15 A | | | | | | | | | | | |
CD10470 | Permitting - CD Co-Gen Improvements | 1618 | 12-Mar-13 A | 15-Aug-17 | | | | | | | | | | | |
CD81520 | EPA Compliance Date for Permitting - CD Co-Gen Improvements | 0 | | 29-Sep-17* | | | | | | | | | | | |
Procurement | | 1480 | 12-Mar-14 A | 30-Mar-18 | | | | | | | | | | | |
CD83200 | EPA Start Date for Procurement - CD Co-Gen Improvements | 0 | 17-Aug-16 A | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016-2024 Quarterly Breakdown | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|-------------|-------------|-------------------------------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
| | | | | | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | |
| | | | | | 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 |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70730 | Construction - WASD In House HVAC Improvements | 601 | 30-Aug-21 | 22-Apr-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.25 (2) Headworks HVAC Improvements (Project 2.03/2.04) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70660 | Engineering Design - Headworks HVAC Improvements (Project 2.03/2.04) | 479 | 06-Oct-14 A | 28-Jan-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70670 | Permitting - Headworks HVAC Improvements (Project 2.03/2.04) | 189 | 29-Jan-16 A | 05-Aug-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70680 | Procurement - Headworks HVAC Improvements (Project 2.03/2.04) | 175 | 07-Mar-16 A | 29-Aug-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70690 | Construction - Headworks HVAC Improvements (Project 2.03/2.04) | 591 | 30-Aug-16 A | 12-Apr-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.25 (3) Digester Control Building HVAC Improvements (Project 2.15(1)) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70620 | Engineering Design - Digester Control Building HVAC Improvements (Project 2.15(1)) | 475 | 11-Jun-14 A | 29-Sep-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70630 | Permitting - Digester Control Building HVAC Improvements (Project 2.15(1)) | 329 | 30-Sep-15 A | 24-Aug-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70640 | Procurement - Digester Control Building HVAC Improvements (Project 2.15(1)) | 198 | 15-Apr-16 A | 30-Oct-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70650 | Construction - Digester Control Building HVAC Improvements (Project 2.15(1)) | 571 | 31-Oct-16 A | 24-May-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.25 (4) Pump Station 1 HVAC Improvements (Project 2.21) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70570 | Engineering Design - Pump Station 1 HVAC Improvements (Project 2.21) | 209 | 15-Oct-16 A | 11-May-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70580 | Permitting - Pump Station 1 HVAC Improvements (Project 2.21) | 264 | 15-May-17 A | 02-Feb-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70590 | Procurement - Pump Station 1 HVAC Improvements (Project 2.21) | 115 | 13-Dec-17 | 06-Apr-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70610 | Construction - Pump Station 1 HVAC Improvements (Project 2.21) | 400 | 07-Apr-18 | 11-May-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.25 (5) Pump Station 2 HVAC Improvements (Project 2.22) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70530 | Engineering Design - Pump Station 2 HVAC Improvements (Project 2.22) | 362 | 15-Apr-15 A | 11-Apr-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70540 | Permitting - Pump Station 2 HVAC Improvements (Project 2.22) | 234 | 12-Apr-16 A | 02-Dec-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70550 | Procurement - Pump Station 2 HVAC Improvements (Project 2.22) | 192 | 15-Jul-16 A | 23-Jan-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70600 | Construction - Pump Station 2 HVAC Improvements (Project 2.22) | 261 | 24-Jan-17 A | 11-Oct-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.26 Rehabilitation of Walkways and Stairways | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD83460 | EPA Start Date for Construction - CD Rehab of Walkways & Stairways | 5110 | 01-Oct-13 A | 27-Sep-27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10070 | Construction - CD Rehab of Walkways & Stairways | 3741 | 01-Oct-13 A | 28-Dec-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11710 | Substantial Completion (CD Compliance Date 9/27/27) - CD Rehab of Walkways & Stairways | 0 | 01-Oct-13 A | 28-Dec-23* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81760 | EPA Compliance Date for Construction - CD Rehab of Walkways & Stairways | 0 | 01-Oct-13 A | 27-Sep-27* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD34230 | WASD Project Administration - CD Rehab of Walkways & Stairways | 3741 | 01-Oct-13 A | 28-Dec-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.27 Oxygen Production | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD83470 | EPA Start for Engineering Design - CD Oxygen Production | 927 | 01-Jan-15 A | 15-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10320 | Engineering Design - CD Oxygen Production | 801 | 13-Apr-15 A | 21-Jun-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81770 | EPA Compliance Date for Engineering Design - CD Oxygen Production | 0 | 13-Apr-15 A | 15-Jul-17* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10550 | Permitting - Site Preparation (utilities and demolition) | 189 | 05-Apr-17 A | 29-Jun-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD83490 | EPA Start Date for Procurement - Site Preparation | 376 | 05-Jun-17 A | 15-Jul-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD10800 | Procurement (Summary) - CD Oxygen Production & Site Preparation | 0 | 16-Jul-17* | 15-Jul-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81790 | EPA Compliance Date for Procurement - CD Oxygen Production & Site Preparation | 274 | 05-Jun-17 A | 05-Mar-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design-Build | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD83500 | EPA Start Date for Construction - Site Preparation | 805 | 06-Mar-18 | 18-May-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD81800 | EPA Compliance Date for Construction - CD Oxygen Production & Site Preparation | 0 | 16-Jul-18* | 30-Dec-19* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD11010 | Construction (Summary) - CD Oxygen Production & Site Preparation | 0 | 06-Mar-18 | 18-May-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.27 (1) Oxygen Production Site Preparation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD70870 | Pre-Design - Site Preparation (utilities and demolition) | 245 | 28-Jan-16 A | 29-Sep-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82150 | 30% Design Submittal - Site Preparation (utilities and demolition) | 246 | 30-Sep-16 A | 29-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82160 | 30% Design Review - Site Preparation (utilities and demolition) | 189 | 30-Sep-16 A | 06-Apr-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82170 | 100% Design Submittal NFC - Site Preparation (utilities and demolition) | 176 | 26-Oct-16 A | 19-Apr-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82180 | 100% Design Review - Site Preparation (utilities and demolition) | 205 | 02-Nov-16 A | 25-May-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CD82180 | 100% Design Review - Site Preparation (utilities and demolition) | 153 | 31-Dec-16 A | 01-Jun-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | |
|---|--|-------------------|-------------|-------------|--|----|----|----|------|-------------|----|----|------|----|-------------|----|------|----|----|-----------|------|----|----|----|---|----|----|----|------|----|----|----|------|----|----|----|------|----|
| | | | | | 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 |
| ND10170 | Construction Phase 2: Building Improvements - ND Headworks & Sludge Degritting | 728 | 02-Nov-15 A | 29-Oct-17 | Construction Phase 2: Building Improvements - ND Headworks & Sludge Degritting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10340 | Substantial Completion Phase 2 (CD Compliance Date 4/07/18) - ND Headworks & Sludge Degritting | 0 | | 29-Oct-17 | Substantial Completion Phase 2 (CD Compliance Date 4/07/18) - ND Headworks & Sludge Degritting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND40280 | Project Closeout - ND Headworks & Sludge Degritting | 62 | 30-Oct-17 | 30-Dec-17* | Project Closeout - ND Headworks & Sludge Degritting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70350 | EPA Compliance Date for Construction Phase 2: Building Improvements - ND Headworks & Sludge Degritting | 0 | | 07-Apr-18* | EPA Compliance Date for Construction Phase 2: Building Improvements - ND Headworks & Sludge Degritting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 1747 | | | | | 20-Mar-13 A | | | | | 30-Dec-17 | | | | | 30-Dec-17 | | | | | 20-Jun-21, 3.02 Primary Clarifiers and Odor Control | | | | | | | | | | | | | |
| ND21500 | WASD Project Administration - ND Headworks & Sludge Degritting | 1747 | 20-Mar-13 A | 30-Dec-17 | WASD Project Administration - ND Headworks & Sludge Degritting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.02 Primary Clarifiers and Odor Control | | | | | 2483 | | | | | 03-Sep-14 A | | | | | 20-Jun-21 | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 986 | | | | | 03-Sep-14 A | | | | | 15-May-17 A | | | | | | | | | | | | | | | | | | | | | | | |
| ND70830 | EPA Start Date for Engineering Design - ND Primary Clarifiers & Odor Control | 0 | 01-Nov-15 A | | EPA 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 | Engineering Design - ND Primary Clarifiers & Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70360 | EPA Compliance Date for Engineering Design - ND Primary Clarifiers & Odor Control | 0 | | 15-May-17 A | EPA Compliance Date for Engineering Design - ND Primary Clarifiers & Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 733 | | | | | 25-Oct-15 A | | | | | 26-Oct-17 | | | | | | | | | | | | | | | | | | | | | | | |
| ND70840 | EPA Start Date for Permitting - ND Primary Clarifiers & Odor Control | 0 | 10-Mar-17 A | | EPA Start 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 - ND Primary Clarifiers & Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10130 | Permitting - ND Primary Clarifiers & Odor Control | 733 | 25-Oct-15 A | 26-Oct-17 | Permitting - ND Primary Clarifiers & Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 505 | | | | | 07-Feb-17 A | | | | | 26-Jun-18 | | | | | | | | | | | | | | | | | | | | | | | |
| ND70850 | EPA Start Date for Procurement - ND Primary Clarifiers & Odor Control | 0 | 06-Sep-17* | | EPA Start Date for Procurement - ND Primary Clarifiers & Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70380 | EPA Compliance Date for Procurement - ND Primary Clarifiers & Odor Control | 0 | | 02-Jun-18* | EPA Compliance Date for Procurement - ND Primary Clarifiers & Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10210 | Procurement - ND Primary Clarifiers & Odor Control | 505 | 07-Feb-17 A | 26-Jun-18 | Procurement - ND Primary Clarifiers & Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 1361 | | | | | 28-Jul-17 | | | | | 18-Apr-21 | | | | | | | | | | | | | | | | | | | | | | | |
| ND70860 | EPA Start Date for Construction - ND Primary Clarifiers & Odor Control | 0 | 03-Jun-18* | | EPA Start Date for Construction - ND Primary Clarifiers & Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10270 | Construction - ND Primary Clarifiers & Odor Control | 1334 | 28-Jul-17 | 22-Mar-21 | Construction - ND Primary Clarifiers & Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70390 | EPA Compliance Date for Construction - ND Primary Clarifiers & Odor Control | 0 | | 18-Apr-21* | EPA Compliance Date for Construction - ND Primary Clarifiers & Odor Control | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.02 (1) Replace Primary Clarifiers for Mechanisms #4 & 6 | | | | | 679 | | | | | 01-Dec-16 A | | | | | 10-Oct-18 | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 20 | | | | | 01-Dec-16 A | | | | | 21-Dec-16 A | | | | | | | | | | | | | | | | | | | | | | | |
| ND71280 | Negotiate Scope and Cost of VFI Package (MWH) - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | 21 | 01-Dec-16 A | 21-Dec-16 A | Negotiate Scope and Cost of VFI Package (MWH) - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 36 | | | | | 22-Dec-16 A | | | | | 27-Jan-17 A | | | | | | | | | | | | | | | | | | | | | | | |
| ND71250 | Submit Draft VFI Package - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | 23 | 22-Dec-16 A | 13-Jan-17 A | Submit Draft VFI Package - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71260 | Review Draft VFI Package - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | 4 | 14-Jan-17 A | 17-Jan-17 A | Review Draft VFI Package - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71470 | Engineering Design - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | 37 | 22-Dec-16 A | 27-Jan-17 A | Engineering Design - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71270 | Submit Final VFI Package - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | 10 | 18-Jan-17 A | 27-Jan-17 A | Submit Final VFI Package - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 179 | | | | | 30-Jan-17 A | | | | | 27-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | |
| ND71380 | Internal Bid Package Review - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | 8 | 30-Jan-17 A | 06-Feb-17 A | Internal Bid Package Review - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71290 | Design Documents Sent to Procurement - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | 0 | 07-Feb-17 A | | Design Documents Sent to Procurement - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71540 | GMOU submittal and approval - CD Co-Gen Restroom and Building Rehab | 21 | 30-Jan-17 A | 19-Feb-17 A | GMOU submittal and approval - CD Co-Gen Restroom and Building Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | Submit/Approve SBD Goals and Request to Advertise - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71310 | Advertise Bid Package - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | 0 | 07-Mar-17 A | | Advertise Bid Package - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71320 | Bid Solicitation Period - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | 66 | 07-Mar-17 A | 11-May-17 A | Bid Solicitation Period - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71330 | Bids Due - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | 0 | 12-May-17 A | | Bids Due - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71340 | Bid Review Period - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | 32 | 12-May-17 A | 24-Jul-17 | Bid Review Period - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71350 | Award Recommendation - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | 0 | | 24-Jul-17 | Award Recommendation - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71360 | Procurement - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | 129 | 07-Feb-17 A | 27-Jul-17 | Procurement - ND Primary 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 | Final Approvals (BCC, Mayor, Risk Mgmt.) - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 440 | | | | | 28-Jul-17 | | | | | 10-Oct-18 | | | | | | | | | | | | | | | | | | | | | | | |
| ND71500 | Contractor Notice to Proceed (NTP) - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | 0 | 28-Jul-17 | | Contractor Notice to Proceed (NTP) - ND Primary 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 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71520 | Substantial Completion (CD Compliance Date 4/18/21) - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | 0 | | 12-Jul-18* | Substantial Completion (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 Closeout - ND Primary Clarifiers (Replace Mechanisms #4 & 6) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.02 (2) Primary Clarifiers and Odor Control (Remaining Scope of Work) | | | | | 2483 | | | | | 03-Sep-14 A | | | | | 20-Jun-21 | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 134 | | | | | 25-Mar-15 A | | | | | 06-Aug-15 A | | | | | | | | | | | | | | | | | | | | | | | |
| ND11375 | Pre-Design (MWH) - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | 135 | 25-Mar-15 A | 06-Aug-15 A | Pre-Design (MWH) - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 957 | | | | | 03-Sep-14 A | | | | | 17-Apr-17 A | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | Basis of Design Report (B&C) - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20150 | 30% Design Submittal - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | 127 | 06-Aug-15 A | 10-Dec-15 A | 30% Design Submittal - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20011 | 30% Design Review - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | 21 | 11-Dec-15 A | 31-Dec-15 A | 30% Design Review - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20021 | 60% Design Submittal - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | 84 | 01-Jan-16 A | 24-Mar-16 A | 60% Design Submittal - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20031 | 60% Design Review - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | 11 | 25-Mar-16 A | 04-Apr-16 A | 60% Design Review - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20040 | 100% Design Submittal - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | 353 | 05-Apr-16 A | 23-Mar-17 A | 100% Design Submittal - ND Primary Clarifiers & Odor 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 | Engineering Design - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 100% Design Review/Permit Ready Submittal - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 747 | | | | | 25-Oct-15 A | | | | | 26-Oct-17 | | | | | | | | | | | | | | | | | | | | | | | |
| 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 Clarifiers & 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 | Permitting - ND Primary Clarifiers & 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 | City of North Miami Permit - ND Primary 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 | RER Permit - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70310 | Fire Department Permit - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | 133 | 20-Jun-17 A | 26-Oct-17 | Fire Department Permit - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 348 | | | | | 14-Jul-17 | | | | | 26-Jun-18 | | | | | | | | | | | | | | | | | | | | | | | |
| ND71550 | GMOU submittal and approval - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | 20 | 14-Jul-17* | 02-Aug-17 | GMOU submittal and approval - ND Primary Clarifiers & Odor Control (Remaining Scope of Work) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 - 2024 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------|-------------|-------------|---|------|------|------|------|------|------|------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|
| | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | | | | | | | | | | | | | | | | | | | |
| | | | | | 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 | | |
| ND20700 | Procurement - Replace Mechanisms #1, 2, 4, 5, 7, 9, & 10 | 230 | 04-Feb-15 A | 21-Sep-15 A | Procurement - Replace Mechanisms #1, 2, 4, 5, 7, 9, & 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | Construction - Replace Mechanisms #1, 2, 4, 5, 7, 9, & 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20060 | Construction - Replace Mechanisms #3, 6 & 8 | 316 | 19-Jan-15 A | 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 Closeout - Replace Mechanisms #1-10 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | WASD Project Administration - Replace Mechanisms #1-10 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND21540 | WASD Project Administration - Replace Mechanisms #1-10 | 1066 | 28-Aug-14 A | 28-Jul-17 | WASD Project Administration - Replace Mechanisms #1-10 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.05 (2) Secondary Clarifiers (Remaining Scope of Work) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | Pre-Design - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND11405 | Pre-Design - ND Secondary Clarifiers (Remaining Scope) | 97 | 23-May-14 A | 27-Aug-14 A | Pre-Design - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | Basis of Design Report (BODR) - ND Secondary Clarifiers | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20320 | Basis of Design Report (BODR) - ND Secondary Clarifiers | 216 | 28-Aug-14 A | 31-Mar-15 A | Basis of Design Report (BODR) - ND Secondary Clarifiers | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20330 | Negotiate Scope & Cost with MWH - ND Secondary Clarifiers (Remaining Scope) | 233 | 23-Feb-15 A | 13-Oct-15 A | Negotiate Scope & Cost with MWH - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20335 | Issue Task Authorization - ND Secondary Clarifiers (Remaining Scope) | 0 | 18-Dec-15 A | | Issue Task Authorization - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20340 | 30% Design Submittal - ND Secondary Clarifiers (Remaining Scope) | 161 | 18-Dec-15 A | 26-May-16 A | 30% Design Submittal - 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 Review - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20360 | 60% Design Submittal - ND Secondary Clarifiers (Remaining Scope) | 147 | 03-Jun-16 A | 27-Oct-16 A | 60% Design Submittal - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20370 | 60% Design Review - ND Secondary Clarifiers (Remaining Scope) | 12 | 28-Oct-16 A | 08-Nov-16 A | 60% Design Review - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20380 | 100% Design Submittal - ND Secondary Clarifiers (Remaining Scope) | 93 | 09-Nov-16 A | 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) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND40490 | 100% Design Review/Permit Ready Submittal - ND Secondary Clarifiers (Remaining Scope) | 28 | 10-Feb-17 A | 09-Mar-17 A | 100% Design Review/Permit Ready Submittal - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | FDEP Permit - 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 Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | Fire Department Permit - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | GMOU submittal and approval - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 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 | 29-Dec-17 | 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 | 30-Oct-17 | 26-Jul-18 | Procurement - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND21030 | Final Approvals (BCC, Mayor, Risk Mgmt.) - ND Secondary Clarifiers (Remaining Scope) | 120 | 29-Mar-18 | 26-Jul-18 | Final Approvals (BCC, Mayor, Risk Mgmt.) - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | Contractor Notice to Proceed (NTP) - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20118 | Contractor Notice to Proceed (NTP) - ND Secondary Clarifiers (Remaining Scope) | 0 | 27-Jul-18 | | Contractor Notice to Proceed (NTP) - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20120 | Construction - ND Secondary Clarifiers (Remaining Scope) | 2026 | 27-Jul-18 | 11-Feb-24 | Construction - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20130 | 3.5 (2) Substantial Completion (CD Compliance Date 8/24/27) - ND Secondary Clarifiers (Remaining Scope) | 0 | | 11-Feb-24* | 3.5 (2) Substantial Completion (CD Compliance Date 8/24/27) - ND Secondary Clarifiers (Remaining Scope) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND40320 | Project Closeout - ND Secondary Clarifiers | 90 | 12-Feb-24 | 11-May-24* | Project Closeout - ND Secondary Clarifiers | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | WASD Project Administration - ND Secondary Clarifiers | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND21550 | WASD Project Administration - ND Secondary Clarifiers | 3545 | 28-Aug-14 A | 11-May-24 | WASD Project Administration - ND Secondary Clarifiers | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.06 Disinfection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | Pre-Design - ND Disinfection | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20010 | Pre-Design - ND Disinfection | 114 | 16-Feb-15 A | 10-Jun-15 A | Pre-Design - ND Disinfection | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | Review Existing Design for Storm Surge & Code Changes - ND Disinfection | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20000 | Review Existing Design for Storm Surge & Code Changes - ND Disinfection | 253 | 21-Apr-14 A | 29-Dec-14 A | Review Existing Design 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 | Engineering Design - ND Disinfection | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | EPA Compliance Date for Engineering Design - ND Disinfection | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | City of N. Miami Permit - ND Disinfection | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70770 | City of N. Miami Permit - ND Disinfection | 22 | 25-Jul-16 A | 15-Aug-16 A | City 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 Permit - ND Disinfection | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70530 | EPA Compliance Date for Permitting - ND Disinfection | 0 | | 06-Apr-18* | EPA Compliance Date for Permitting - ND Disinfection | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | GMOU submittal and approval - ND Disinfection | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71590 | GMOU submittal and approval - ND Disinfection | 20 | 07-Jul-17* | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | | | |
|---|--|-------------------|--------------------|--|---|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|--|--|--|--|--|
| | | | | | 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 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71090 | EPA Start Date for Permitting - ND Plant Wide Electrical | 0 | 21-Jan-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70610 | EPA Compliance Date for Permitting - ND Plant Wide Electrical | 0 | 20-Jan-18* | ◆ EPA Start Date for Permitting - ND Plant Wide Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10180 | Permitting - ND Plant Wide Electrical | 1715 | 01-May-15 A | 09-Jan-20 | ◆ EPA Compliance Date for Permitting - ND Plant Wide Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 2089 | 12-Mar-15 A | 28-Nov-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71100 | EPA Start Date for Procurement - ND Plant Wide Electrical | 0 | 21-Jan-18* | ◆ EPA Start Date for Procurement - ND Plant Wide Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70620 | EPA Compliance Date for Procurement - ND Plant Wide Electrical | 0 | 20-Jan-19* | ◆ EPA Compliance Date for Procurement - ND Plant Wide Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10250 | Procurement - ND Plant Wide Electrical | 2089 | 12-Mar-15 A | 28-Nov-20 | Procurement - ND Plant Wide Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 2516 | 01-Oct-15 A | 20-Aug-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71110 | EPA Start Date for Construction - ND Plant Wide Electrical | 0 | 21-Jan-19* | ◆ EPA Start Date for Construction - ND Plant Wide Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10320 | Construction - ND Plant Wide Electrical | 2306 | 01-Oct-15 A | 22-Jan-22 | Construction - ND Plant Wide Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10480 | Substantial Completion (CD Compliance Date 8/20/22) - ND Plant Wide Electrical | 0 | 22-Jan-22* | ◆ Substantial Completion (CD Compliance Date 8/20/22) - ND Plant Wide Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND40350 | Project Closeout - ND Plant Wide Electrical | 90 | 23-Jan-22 | 22-Apr-22* | Project Closeout - ND Plant Wide Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70630 | EPA Compliance Date for Construction - ND Plant Wide Electrical | 0 | 20-Aug-22* | ◆ EPA Compliance Date for Construction - ND Plant Wide Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | 2824 | 01-May-14 A | 22-Jan-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND21580 | WASD Project Administration - ND Plant Wide Electrical | 2824 | 01-May-14 A | 22-Jan-22 | WASD Project Administration - ND Plant Wide Electrical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.08 (1) - NDWWTP General Electrical In-house Construction (Feeders 1-2) | | 624 | 01-May-14 A | 15-Jan-16 A | ▽ 15-Jan-16 A, 3.08 (1) - NDWWTP General Electrical In-house Construction (Feeders 1-2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 400 | 01-May-14 A | 05-Jun-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20470 | Engineering Design - Electrical Feeders 1-2 | 401 | 01-May-14 A | 05-Jun-15 A | Design - Electrical Feeders 1-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 35 | 01-May-15 A | 05-Jun-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70230 | Permitting - Electrical Feeders 1-2 | 36 | 01-May-15 A | 05-Jun-15 A | Permitting - Electrical Feeders 1-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 202 | 12-Mar-15 A | 30-Sep-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND40520 | Procurement - 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND21460 | Construction - Electrical Feeders 1-2 | 107 | 01-Oct-15 A | 15-Jan-16 A | Construction - Electrical Feeders 1-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.08 (2) - Electrical Feeders 3-6 (Project 3.01) | | 1278 | 01-May-14 A | 29-Oct-17 | ▽ 29-Oct-17, 3.08 (2) - Electrical Feeders 3-6 (Project 3.01) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 400 | 01-May-14 A | 05-Jun-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70180 | Engineering Design - Electrical Feeders 3-6 (Project 3.01) | 401 | 01-May-14 A | 05-Jun-15 A | Engineering Design - Electrical Feeders 3-6 (Project 3.01) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 35 | 01-May-15 A | 05-Jun-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70190 | Permitting - Electrical Feeders 3-6 (Project 3.01) | 36 | 01-May-15 A | 05-Jun-15 A | Permitting - Electrical Feeders 3-6 (Project 3.01) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 207 | 08-Apr-15 A | 01-Nov-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND40530 | Procurement - 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 | | 728 | 02-Nov-15 A | 29-Oct-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND21470 | Construction - Electrical Feeders 3-6 (Project 3.01) | 728 | 02-Nov-15 A | 29-Oct-17 | Construction - Electrical Feeders 3-6 (Project 3.01) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.08 (3) - Electrical Feeders 7-8 (Project 3.04) | | 1449 | 25-Nov-17 | 12-Nov-21 | ▽ 12-Nov-21, 3.08 (3) - Electrical Feeders 7-8 (Project 3.04) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 596 | 25-Nov-17 | 13-Jul-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70140 | Engineering 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70150 | Permitting - Electrical Feeders 7-8 (Project 3.04) | 180 | 14-Jul-19 | 09-Jan-20 | Permitting - Electrical Feeders 7-8 (Project 3.04) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 270 | 13-Jan-20 | 08-Oct-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND40540 | Procurement - Electrical Feeders 7-8 (Project 3.04) | 270 | 13-Jan-20 | 08-Oct-20 | Procurement - Electrical Feeders 7-8 (Project 3.04) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 400 | 09-Oct-20 | 12-Nov-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND21480 | Construction - Electrical Feeders 7-8 (Project 3.04) | 400 | 09-Oct-20 | 12-Nov-21 | Construction - Electrical Feeders 7-8 (Project 3.04) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.08 (4) - Electrical Feeders 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND40500 | Decision Date for Remaining Feeders - Electrical Feeders 9-10, 13-14 | 0 | 04-Jan-20* | | ◆ Decision Date for Remaining Feeders - Electrical Feeders 9-10, 13-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71210 | Engineering Design - Electrical Feeders 9-10, 13-14 | 120 | 04-Jan-20 | 02-May-20 | Engineering Design - Electrical Feeders 9-10, 13-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 90 | 03-May-20 | 31-Jul-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71220 | Permitting - Electrical Feeders 9-10, 13-14 | 90 | 03-May-20 | 31-Jul-20 | Permitting - Electrical Feeders 9-10, 13-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 120 | 01-Aug-20 | 28-Nov-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND40550 | Procurement - Electrical Feeders 9-10, 13-14 | 120 | 01-Aug-20 | 28-Nov-20 | Procurement - Electrical Feeders 9-10, 13-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 1839 | 10-Jan-17 A | 22-Jan-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71600 | Construction - Electrical Feeders 11&12 | 100 | 10-Jan-17 A | 19-Apr-17 A | Construction - Electrical Feeders 11&12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71610 | Construction - Electrical Feeders 9-14 | 1839 | 10-Jan-17 A | 22-Jan-22 | Construction - Electrical Feeders 9-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND21490 | Construction - Electrical Feeders 9-10, 13-14 | 420 | 29-Nov-20 | 22-Jan-22 | Construction - Electrical Feeders 9-10, 13-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.09 Flood Mitigation | | 1228 | 04-Apr-14 A | 13-Aug-17 | ▽ 13-Aug-17, 3.09 Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 422 | 04-Apr-14 A | 30-May-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71120 | EPA Start Date for Engineering Design - ND Flood Mitigation | 0 | 21-Apr-14 A | | ◆ EPA Start Date for Engineering Design - ND Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20650 | Flood Mitigation Interim Solution Letter - ND Flood Mitigation | 0 | 24-Nov-14 A | | Solution Letter - ND Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10030 | Engineering Design - ND Flood Mitigation | 422 | 04-Apr-14 A | 30-May-15 A | Design - ND Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70640 | EPA Compliance Date for Engineering Design - ND Flood Mitigation | 0 | 30-May-15 A | | ◆ EPA Compliance Date for Engineering Design - ND Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 364 | 27-Nov-14 A | 26-Nov-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71130 | EPA Start Date for Permitting - ND Flood Mitigation | 0 | 27-Nov-14 A | | ◆ EPA Start Date for Permitting - ND Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10060 | Permitting - ND Flood Mitigation | 1 | 01-May-15 A | 01-May-15 A | Permitting - ND Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70650 | EPA Compliance Date for Permitting - ND Flood Mitigation | 0 | 26-Nov-15 A | | ◆ EPA Compliance Date for Permitting - ND Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 574 | 01-May-15 A | 25-Nov-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71140 | EPA Start Date for Procurement - ND Flood Mitigation | 0 | 27-Nov-15 A | | ◆ EPA Start Date for Procurement - ND Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10110 | Procurement - ND Flood Mitigation | 421 | 01-May-15 A | 24-Jun-16 A | Procurement - ND Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70660 | EPA Compliance Date for Procurement - ND Flood Mitigation | 0 | 25-Nov-16 A | | ◆ EPA Compliance Date for Procurement - ND Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 836 | 01-May-15 A | 13-Aug-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| WASD Consent Decree Schedule - June 2017 Update | | | Standard Layout w Baseline (By Phase) | | | | | 14-Jul-17 12:24 - Page No. 42 of 80 | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|---------------------------------------|--|--|----|----|-------------------------------------|----|----|------|----|----|------|----|----|------|----|----|------|----|----|------|----|----|------|----|----|------|----|
| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | 2017 | | | 2018 | | | 2019 | | | 2020 | | | 2021 | | | 2022 | | | 2023 | | | 2024 | |
| | | | | | 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 |
| ND10160 | Construction - ND Flood Mitigation | 421 | 01-May-15 A | 24-Jun-16 A | Construction - ND Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10220 | Substantial Completion (CD Compliance Date 8/13/17) - ND Flood Mitigation | 0 | | 24-Jun-16 A | Substantial Completion (CD Compliance Date 8/13/17) - ND Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71150 | EPA Start Date for Construction - ND Flood Mitigation | 0 | 26-Nov-16 A | EPA Start Date for Construction - ND Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70670 | EPA Compliance Date for Construction - ND Flood Mitigation | 0 | | 13-Aug-17* | EPA Compliance Date for Construction - ND Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND21590 | WASD Project Administration - ND Flood Mitigation | 813 | 04-Apr-14 A | 24-Jun-16 A | WASD Project Administration - ND Flood Mitigation | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.10 Yard Piping Replacement | | | | | 3.10 Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND11435 | Pre-Design - ND Secondary Clarifiers | 1 | 06-Apr-15 A | 06-Apr-15 A | Pre-Design - ND Secondary Clarifiers | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10100 | Engineering Design - ND Yard Piping Replacement | 833 | 06-Apr-15 A | 16-Jul-17 | Engineering Design - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71160 | EPA Start Date for Engineering Design - ND Yard Piping Replacement | 0 | 10-Apr-16 A | EPA Start Date for Engineering Design - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70680 | EPA Compliance Date for Engineering Design - ND Yard Piping Replacement | 0 | | 16-Jul-17* | EPA Compliance Date for Engineering Design - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | Permitting | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10150 | Permitting - ND Yard Piping Replacement | 1013 | 06-Apr-15 A | 12-Jan-18 | Permitting - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71170 | EPA Start Date for Permitting - ND Yard Piping Replacement | 0 | 17-Jul-17* | EPA Start Date for Permitting - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70690 | EPA Compliance Date for Permitting - ND Yard Piping Replacement | 0 | | 12-Jan-18* | EPA Compliance Date for Permitting - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | Procurement | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10240 | Procurement - ND Yard Piping Replacement | 1284 | 05-Apr-15 A | 09-Oct-18 | Procurement - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71180 | EPA Start Date for Procurement - ND Yard Piping Replacement | 0 | 13-Jan-18* | EPA Start Date for Procurement - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70700 | EPA Compliance Date for Procurement - ND Yard Piping Replacement | 0 | | 09-Oct-18* | EPA Compliance Date for Procurement - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20870 | Rehab 1st 84" Pipe - ND Yard Piping Replacement | 2386 | 25-May-15 A | 04-Dec-21 | Rehab 1st 84" Pipe - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10290 | Construction - ND Yard Piping Replacement | 123 | 25-May-15 A | 24-Sep-15 A | Construction - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND20860 | Rehab 2nd 84" Pipe - ND Yard Piping Replacement | 366 | 03-Mar-16 A | 24-May-16 A | Rehab 2nd 84" Pipe - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10440 | Substantial Completion (CD Compliance Date 12/04/21) - ND Yard Piping Replacement | 83 | | 24-May-16 A | Substantial Completion (CD Compliance Date 12/04/21) - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND40370 | Project Closeout - ND Yard Piping Replacement | 0 | | 22-Jul-17* | Project Closeout - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71190 | EPA Start Date for Construction - ND Yard Piping Replacement | 394 | 25-May-16 A | | EPA Start Date for Construction - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70710 | EPA Compliance Date for Construction - ND Yard Piping Replacement | 0 | | 10-Oct-18* | EPA Compliance Date for Construction - ND Yard Piping Replacement | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND21600 | WASD Project Administration - ND Secondary Clarifiers | 414 | 06-Apr-15 A | 24-May-16 A | WASD Project Administration - ND Secondary Clarifiers | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.11 SCADA RTU Upgrades | | | | | 3.11 SCADA RTU Upgrades | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND71200 | EPA Start Date for Construction - ND SCADARTU Upgrades | 414 | 06-Apr-15 A | 24-May-16 A | EPA Start Date for Construction - ND SCADARTU Upgrades | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10020 | Construction - ND SCADARTU Upgrades | 415 | 06-Apr-15 A | 24-May-16 A | Construction - ND SCADARTU Upgrades | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND10070 | Substantial Completion (CD Compliance Date 3/24/15) - ND SCADA RTU Upgrades | 540 | 30-Sep-13 A | 24-Mar-15 A | Substantial Completion (CD Compliance Date 3/24/15) - ND SCADA RTU Upgrades | | | | | | | | | | | | | | | | | | | | | | | | | |
| ND70720 | EPA Compliance Date for Construction - ND SCADARTU Upgrades | 0 | | 24-Mar-15 A | EPA Compliance Date for Construction - ND SCADARTU Upgrades | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Wastewater Collection & Transmission Line | | | | | 4. Wastewater Collection & Transmission Line | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.01 Collection System I/I Repairs | | | | | 4.01 Collection System I/I Repairs | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT71230 | EPA Start Date for Construction - Collection System I/I Repair | 5110 | 01-Oct-13 A | 27-Sep-27 | EPA Start Date for Construction - Collection System I/I Repair | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT10430 | Substantial Completion (CD Compliance Date 9/27/27) - Collection System I/I Repair | 0 | | 29-Dec-23* | Substantial Completion (CD Compliance Date 9/27/27) - Collection System I/I Repair | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT10070 | Construction - Collection System I/I Repair | 4108 | 01-Oct-13 A | 20-Feb-25 | Construction - Collection System I/I Repair | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50590 | EPA Compliance Date for Construction - Collection System I/I Repair | 0 | | 27-Sep-27* | EPA Compliance Date for Construction - Collection System I/I Repair | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.01 (1.0) - PMCM CIPP I/I Repairs | | | | | 4.01 (1.0) - PMCM CIPP I/I Repairs | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30000 | CIPP Specifications & Scope to MDWASD - 2015/2016 Fiscal Year | 3673 | 01-Feb-15 A | 30-Jun-17 | CIPP Specifications & Scope to MDWASD - 2015/2016 Fiscal Year | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30090 | CIPP Specifications & Scope to MDWASD - 2016/2017 Fiscal Year (PO 168) | 851 | 01-Feb-15 A | 30-Jun-17 | CIPP Specifications & Scope to MDWASD - 2016/2017 Fiscal Year (PO 168) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30220 | CIPP Specifications & Scope to MDWASD - 2017/2018 Fiscal Year | 18 | 01-Feb-15 A | 18-Feb-15 A | CIPP Specifications & Scope to MDWASD - 2017/2018 Fiscal Year | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | Procurement | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30010 | CIPP Contractor Procurement - 2015/2016 Fiscal Year | 55 | 01-May-16 A | 24-Jun-16 A | CIPP Contractor Procurement - 2015/2016 Fiscal Year | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30120 | CIPP Contractor Procurement - 2016/2017 Fiscal Year (RPQ PO 193) | 31 | 01-May-17 A | 30-Jun-17 | CIPP Contractor Procurement - 2016/2017 Fiscal Year (RPQ PO 193) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30230 | CIPP Contractor Procurement - 2017/2018 Fiscal Year | 1034 | 01-Feb-15 A | 30-Nov-17 | CIPP Contractor Procurement - 2017/2018 Fiscal Year | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | Construction | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30060 | CIPP Contract (Construction) - 2015/2016 Fiscal Year (PO 168) | 303 | 01-Feb-15 A | 30-Nov-15 A | CIPP Contract (Construction) - 2015/2016 Fiscal Year (PO 168) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30150 | CIPP Contract (Construction) - 2016/2017 Fiscal Year (PO 193) | 183 | 02-Aug-16 A | 31-Jan-17 A | CIPP Contract (Construction) - 2016/2017 Fiscal Year (PO 193) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30240 | CIPP Contract (Construction) - 2017/2018 Fiscal Year | 153 | 01-Jul-17 | 30-Nov-17 | CIPP Contract (Construction) - 2017/2018 Fiscal Year | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50100 | CIPP Contract (Construction) - 2018/2019 Fiscal Year | 3364 | 07-Dec-15 A | 20-Feb-25 | CIPP Contract (Construction) - 2018/2019 Fiscal Year | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50110 | CIPP Contract (Construction) - 2019/2020 Fiscal Year | 446 | 07-Dec-15 A | 24-Feb-17 A | CIPP Contract (Construction) - 2019/2020 Fiscal Year | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50120 | CIPP Contract (Construction) - 2020/2021 Fiscal Year | 365 | 24-Jul-17* | 23-Jul-18 | CIPP Contract (Construction) - 2020/2021 Fiscal Year | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50130 | CIPP Contract (Construction) - 2021/2022 Fiscal Year | 365 | 21-Feb-18* | 20-Feb-19 | CIPP Contract (Construction) - 2021/2022 Fiscal Year | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50140 | CIPP Contract (Construction) - 2022/2023 Fiscal Year | 365 | 21-Feb-19* | 20-Feb-20 | CIPP Contract (Construction) - 2022/2023 Fiscal Year | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50150 | CIPP Contract (Construction) - 2023/2024 Fiscal Year | 366 | 21-Feb-20* | 20-Feb-21 | CIPP Contract (Construction) - 2023/2024 Fiscal Year | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.01 (1.1) - PMCM Dig & Replace I/I Repairs | | | | | 4.01 (1.1) - PMCM Dig & Replace I/I Repairs | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30020 | Dig & Replace Specifications & Scope to MDWASD - 2015/2016 Fiscal Year | 883 | 01-Mar-15 A | 30-Jul-17 | Dig & Replace Specifications & Scope to MDWASD - 2015/2016 Fiscal Year | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30100 | Dig & Replace Specifications & Scope to MDWASD - 2016/2017 Fiscal Year (T2229) | 10 | 01-Mar-15 A | 10-Mar-15 A | Dig & Replace Specifications & Scope to MDWASD - 2016/2017 Fiscal Year (T2229) | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30180 | Dig & Replace Specifications & Scope to MDWASD - 2017/2018 Fiscal Year | 93 | 01-May-16 A | 01-Aug-16 A | Dig & Replace Specifications & Scope to MDWASD - 2017/2018 Fiscal Year | | | | | | | | | | | | | | | | | | | | | | | | | |

| WASD Consent Decree Schedule - June 2017 Update | | Standard Layout w Baseline (By Phase) | | | | | | | | 14-Jul-17 12:24 - Page No. 43 of 80 | | | | | | | | | | | | | | | | |
|---|---|---------------------------------------|-------------|-------------|---|----|------|----|------|-------------------------------------|------|----|------|----|------|----|------|----|------|----|------|----|----|----|--|--|
| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | | 2022 | | 2023 | | 2024 | | | | | |
| | | | | | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | | |
| Procurement | | 955 | 01-Mar-15 A | 10-Oct-17 | 10-Oct-17, Procurement | | | | | | | | | | | | | | | | | | | | | |
| CT38000 | Dig & Replace Contractor B Procurement - 2015/2016 Fiscal Year | 232 | 01-Mar-15 A | 18-Oct-15 A | & Replace Contractor B; Procurement - 2015/2016 Fiscal Year | | | | | | | | | | | | | | | | | | | | | |
| CT30040 | Dig & Replace Contractor A Procurement - 2015/2016 Fiscal Year | 239 | 01-Mar-15 A | 25-Oct-15 A | & Replace Contractor A; Procurement - 2015/2016 Fiscal Year | | | | | | | | | | | | | | | | | | | | | |
| 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 | Dig & Replace Contractor Procurement - 2016/2017 Fiscal Year (T2229) | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | |
| 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 | Dig & Replace Contract C (Construction) - 2015/2016 Fiscal Year | | | | | | | | | | | | | | | | | | | | | |
| 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 Contract (Construction) - 2020/2021 Fiscal Year | | | | | | | | | | | | | | | | | | | | | |
| CT50190 | Dig & Replace Contract (Construction) - 2021/2022 Fiscal Year | 365 | 25-Jan-22* | 24-Jan-23 | Dig & Replace Contract (Construction) - 2021/2022 Fiscal Year | | | | | | | | | | | | | | | | | | | | | |
| CT50200 | Dig & Replace Contract (Construction) - 2022/2023 Fiscal Year | 365 | 25-Jan-23* | 24-Jan-24 | Dig & Replace Contract (Construction) - 2022/2023 Fiscal Year | | | | | | | | | | | | | | | | | | | | | |
| CT50210 | Dig & Replace Contract (Construction) - 2023/2024 Fiscal Year | 365 | 25-Jan-24* | 23-Jan-25 | Dig & Replace Contract (Construction) - 2023/2024 Fiscal Year | | | | | | | | | | | | | | | | | | | | | |
| 4.01 (1.2) - PMCM SSES I/I | | 1402 | 01-Mar-15 A | 31-Dec-18 | 31-Dec-18, 4.01 (1.2) - PMCM SSES I/I | | | | | | | | | | | | | | | | | | | | | |
| 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 | Specs & 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 | SSES Specifications & Scope to MDWASD - 2016/2017 Fiscal Year (T2231) | | | | | | | | | | | | | | | | | | | | | |
| CT30190 | SSES Specifications & Scope to MDWASD - 2017/2018 Fiscal Year | 30 | 01-Jul-17* | 30-Jul-17 | SSES Specifications & Scope to MDWASD - 2017/2018 Fiscal Year | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 1006 | 01-Mar-15 A | 30-Nov-17 | 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 | SSES Contractor Procurement - 2016/2017 Fiscal Year (T2231) | | | | | | | | | | | | | | | | | | | | | |
| CT30210 | SSES Contractor Procurement - 2017/2018 Fiscal Year | 123 | 31-Jul-17* | 30-Nov-17 | SSES Contractor Procurement - 2017/2018 Fiscal Year | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 1023 | 14-Mar-16 A | 31-Dec-18 | 31-Dec-18, Construction | | | | | | | | | | | | | | | | | | | | | |
| CT38050 | SSES Construction (CCTV) - 2015/2016 Fiscal Year (T2101) | 366 | 14-Mar-16 A | 14-Mar-17 A | SSES 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 Program 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 | Construction - PSIP Program I/I Repair (MDWASD) | | | | | | | | | | | | | | | | | | | | | |
| 4.01 (3) - MDWASD CM Team I/I Repairs | | 3736 | 01-Oct-13 A | 23-Dec-23 | 23-Dec-23, Construction | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 3736 | 01-Oct-13 A | 23-Dec-23 | 23-Dec-23, Construction | | | | | | | | | | | | | | | | | | | | | |
| CT33301 | Construction -MDWASD CM Team I/I Repair (MDWASD) | 3736 | 01-Oct-13 A | 23-Dec-23 | Construction -MDWASD CM Team I/I Repair (MDWASD) | | | | | | | | | | | | | | | | | | | | | |
| 4.01 (4) - WWCTLD WASD In-House I/I Repairs | | 3742 | 01-Oct-13 A | 29-Dec-23 | 29-Dec-23, Construction | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 3742 | 01-Oct-13 A | 29-Dec-23 | 29-Dec-23, Construction | | | | | | | | | | | | | | | | | | | | | |
| CT33302 | Construction - WWCTLD WASD In-House I/I Repair (MDWASD) | 3742 | 01-Oct-13 A | 29-Dec-23 | Construction - WWCTLD WASD In-House I/I Repair (MDWASD) | | | | | | | | | | | | | | | | | | | | | |
| 4.02 Government Cut FM - Phase 1&2 | | 730 | 01-Oct-11 A | 30-Sep-13 A | 30-Sep-13 A, Construction | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 730 | 01-Oct-11 A | 30-Sep-13 A | 30-Sep-13 A, Construction | | | | | | | | | | | | | | | | | | | | | |
| 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 | Construction - Government Cut FM Phase 1 & 2 | | | | | | | | | | | | | | | | | | | | | |
| CT10030 | Substantial Completion (CD Compliance Date 9/30/13) - Government Cut FM Phase 1 & 2 | 0 | | 30-Sep-13 A | Substantial Completion (CD Compliance Date 9/30/13) - Government Cut FM Phase 1 & 2 | | | | | | | | | | | | | | | | | | | | | |
| CT50600 | EPA Compliance Date for Construction - Government Cut FM Phase 1 & 2 | 0 | | 30-Sep-13 A | EPA Compliance Date for Construction - Government Cut FM Phase 1 & 2 | | | | | | | | | | | | | | | | | | | | | |
| 4.03 Government Cut FM - Phase 3 | | 1529 | 30-Jan-13 A | 08-Apr-17 A | 08-Apr-17 A, 4.03 Government Cut FM - Phase 3 | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 357 | 30-Jan-13 A | 22-Jan-14 A | 22-Jan-14 A, Government Cut FM Phase 3 | | | | | | | | | | | | | | | | | | | | | |
| 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 | Engineering Design (DCP) - Government Cut FM Phase 3 | | | | | | | | | | | | | | | | | | | | | |
| CT50610 | EPA Compliance Date for Engineering Design - Government Cut FM Phase 3 | 0 | | 22-Jan-14 A | EPA Compliance Date for Engineering Design - Government Cut FM Phase 3 | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 798 | 28-Feb-13 A | 07-May-15 A | 07-May-15 A, Procurement | | | | | | | | | | | | | | | | | | | | | |
| CT10170 | Procurement - Government Cut FM Phase 3 | 329 | 28-Feb-13 A | 22-Jan-14 A | Procurement - Government Cut FM Phase 3 | | | | | | | | | | | | | | | | | | | | | |
| CT71260 | EPA Start Date for Procurement - Government Cut FM Phase 3 | 0 | 08-May-14 A | | | | | | | | | | | | | | | | | | | | | | | |
| CT50620 | EPA Compliance Date for Procurement - Government Cut FM Phase 3 | 0 | | 07-May-15 A | EPA Compliance Date for Procurement - Government Cut FM Phase 3 | | | | | | | | | | | | | | | | | | | | | |
| Design-Build | | 1171 | 23-Jan-14 A | 08-Apr-17 A | 08-Apr-17 A, Design-Build | | | | | | | | | | | | | | | | | | | | | |
| CT71280 | EPA Start Date for Permitting - Government Cut FM Phase 3 | 0 | 14-Jul-14 A | | | | | | | | | | | | | | | | | | | | | | | |
| CT50930 | EPA Compliance Date for Permitting - Government Cut FM Phase 3** | 0 | | 10-Dec-14 A | EPA Compliance Date for Permitting - Government Cut FM Phase 3** | | | | | | | | | | | | | | | | | | | | | |
| CT71270 | EPA Start Date for Construction - Government Cut FM Phase 3 | 0 | 08-May-15 A | | | | | | | | | | | | | | | | | | | | | | | |
| CT10020 | Permitting - Government Cut FM Phase 3 | 444 | 02-May-14 A | 19-Jul-15 A | Permitting - Government Cut FM Phase 3 | | | | | | | | | | | | | | | | | | | | | |
| CT22250 | Final Design (Design-Builder) - Government Cut FM Phase 3 | 589 | 23-Jan-14 A | 03-Sep-15 A | Final Design (Design-Builder) - Government Cut FM Phase 3 | | | | | | | | | | | | | | | | | | | | | |
| CT10250 | Construction - Government Cut FM Phase 3 | 916 | 23-May-14 A | 23-Nov-16 A | Construction - Government Cut FM Phase 3 | | | | | | | | | | | | | | | | | | | | | |
| CT10360 | Substantial Completion (CD Compliance Date 4/08/17) - Government Cut FM Phase 3 | 0 | | 23-Nov-16 A | Substantial Completion (CD Compliance Date 4/08/17) - Government Cut FM Phase 3 | | | | | | | | | | | | | | | | | | | | | |
| CT40380 | Project Closeout - Government Cut FM Phase 3 | 90 | 24-Nov-16 A | 21-Feb-17 A | Project Closeout - Government Cut FM Phase 3 | | | | | | | | | | | | | | | | | | | | | |
| CT50630 | EPA Compliance Date for Construction - Government Cut FM Phase 3 | 0 | | 08-Apr-17 A | EPA Compliance Date for Construction - Government Cut FM Phase 3 | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | 1483 | 30-Jan-13 A | 21-Feb-17 A | 21-Feb-17 A, Project Administration | | | | | | | | | | | | | | | | | | | | | |
| CT38440 | WASD Project Administration - Government Cut FM Phase 3 | 1484 | 30-Jan-13 A | 21-Feb-17 A | WASD Project Administration - Government Cut FM Phase 3 | | | | | | | | | | | | | | | | | | | | | |
| 4.04 North Dade 72 inch PCCP FM Rehabilitation | | 1758 | 13-May-13 A | 05-Mar-18 | 05-Mar-18, 4.04 North Dade 72 Inch PCCP FM Rehabilitation | | | | | | | | | | | | | | | | | | | | | |

| WASD Consent Decree Schedule - June 2017 Update | | Standard Layout w Baseline (By Phase) | | | | | | 14-Jul-17 12:24 - Page No. 44 of 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---------------------------------------|-------------|-------------|---|----|----|-------------------------------------|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | |
| | | | | | 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 |
| Engineering Design | | 297 | 13-May-13 A | 06-Mar-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT71290 | EPA Start Date for Engineering Design - North Dade 72" PCCP FM Rehab | 0 | 01-Oct-13 A | | PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT10050 | Engineering Design (DCP) - North Dade 72" PCCP FM Rehab | 279 | 13-May-13 A | 15-Feb-14 A | PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50640 | EPA Compliance Date for Engineering Design - North Dade 72" PCCP FM Rehab | 0 | | 06-Mar-14 A | North Dade 72" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 419 | 04-Oct-14 A | 27-Nov-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT71300 | EPA Start Date for Permitting - North Dade 72" PCCP FM Rehab | 0 | 04-Oct-14 A | | North Dade 72" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50650 | EPA Compliance Date for Permitting - North Dade 72" PCCP FM Rehab** | 0 | | 06-Mar-15 A | Date for Permitting - North Dade 72" PCCP FM Rehab** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT10150 | Permitting - North Dade 72" PCCP FM Rehab | 263 | 10-Mar-15 A | 27-Nov-15 A | Permitting - North Dade 72" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 761 | 03-Feb-14 A | 05-Mar-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT10230 | Procurement - North Dade 72" PCCP FM Rehab | 395 | 03-Feb-14 A | 04-Mar-15 A | Procurement - North Dade 72" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT71310 | EPA Start Date for Procurement - North Dade 72" PCCP FM Rehab | 0 | 07-Mar-15 A | | Procurement - North Dade 72" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50660 | EPA Compliance Date for Procurement - North Dade 72" PCCP FM Rehab | 0 | | 05-Mar-16 A | EPA Compliance Date for Procurement - North Dade 72" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design-Build | | 1092 | 10-Mar-15 A | 05-Mar-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22240 | Final Design (Design-Builder) - North Dade 72" PCCP FM Rehab | 179 | 10-Mar-15 A | 04-Sep-15 A | Design (Design-Builder) - North Dade 72" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT10310 | Construction - North Dade 72" PCCP FM Rehab | 219 | 30-Sep-15 A | 05-May-16 A | Construction - North Dade 72" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT10410 | Substantial Completion (CD Compliance Date 3/05/18) - North Dade 72" PCCP FM Rehab | 0 | | 05-May-16 A | Substantial Completion (CD Compliance Date 3/05/18) - North Dade 72" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT40390 | Project Closeout - North Dade 72" PCCP FM Rehab | 240 | 06-May-16 A | 31-Dec-16 A | Project Closeout - North Dade 72" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT71320 | EPA Start Date for Construction - North Dade 72" PCCP FM Rehab | 0 | 09-Jul-17* | | EPA Start Date for Construction - North Dade 72" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50670 | EPA Compliance Date for Construction - North Dade 72" PCCP FM Rehab | 0 | | 05-Mar-18* | EPA Compliance Date for Construction - North Dade 72" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | 1328 | 13-May-13 A | 31-Dec-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38430 | WASD Project Administration - North Dade 72" PCCP FM Rehab | 1329 | 13-May-13 A | 31-Dec-16 A | WASD Project Administration - North Dade 72" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.05 South Dade 54 inch PCCP FM Rehabilitation | | 2056 | 05-Aug-14 A | 21-Mar-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 422 | 05-Aug-14 A | 01-Oct-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT71330 | EPA Start Date for Engineering Design - South Dade 54" PCCP FM Rehab** | 0 | 05-Aug-14 A | | Engineering Design - South Dade 54" PCCP FM Rehab** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50680 | EPA Compliance Date for Engineering Design - South Dade 54" PCCP FM Rehab** | 0 | | 20-Feb-15 A | Date for Engineering Design - South Dade 54" PCCP FM Rehab** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT10060 | Engineering Design - South Dade 54" PCCP FM Rehab | 423 | 05-Aug-14 A | 01-Oct-15 A | Engineering Design - South Dade 54" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 446 | 14-Oct-15 A | 02-Jan-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT71340 | EPA Start Date for Permitting - South Dade 54" PCCP FM Rehab | 0 | 04-Jan-16 A | | EPA Start Date for Permitting - South Dade 54" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT10160 | Permitting - South Dade 54" PCCP FM Rehab | 129 | 14-Oct-15 A | 19-Feb-16 A | Permitting - South Dade 54" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50690 | EPA Compliance Date for Permitting - South Dade 54" PCCP FM Rehab | 0 | | 02-Jan-17 A | EPA Compliance Date for Permitting - South Dade 54" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 618 | 07-Apr-15 A | 15-Dec-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT71350 | EPA Start Date for Procurement - South Dade 54" PCCP FM Rehab | 0 | 07-Apr-15 A | | Procurement - South Dade 54" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT10240 | Procurement - South Dade 54" PCCP FM Rehab | 116 | 03-Jun-16 A | 26-Sep-16 A | Procurement - South Dade 54" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50700 | EPA Compliance Date for Procurement - South Dade 54" PCCP FM Rehab | 0 | | 15-Dec-16 A | EPA Compliance Date for Procurement - South Dade 54" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 428 | 26-Sep-16 A | 27-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT71360 | EPA Start Date for Construction - South Dade 54" PCCP FM Rehab | 0 | 16-Dec-16 A | | EPA Start Date for Construction - South Dade 54" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT10320 | Construction - South Dade 54" PCCP FM Rehab | 320 | 26-Sep-16 A | 11-Aug-17 | Construction - South Dade 54" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT10390 | Substantial Completion (CD Compliance Date 11/27/17) - South Dade 54" PCCP FM Rehab | 0 | | 11-Aug-17* | Substantial Completion (CD Compliance Date 11/27/17) - South Dade 54" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50710 | EPA Compliance Date for Construction - South Dade 54" PCCP FM Rehab | 0 | | 27-Nov-17* | EPA Compliance Date for Construction - South Dade 54" PCCP FM Rehab | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 422 | 05-Aug-14 A | 01-Oct-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12001 | 30% Design Submittal - 48/54 Inch FM (Phase 1) | 208 | 05-Aug-14 A | 28-Feb-15 A | Design Submittal - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22220 | 30% Submittal Review - 48/54 Inch FM (Phase 1) | 137 | 02-Mar-15 A | 16-Jul-15 A | Submittal Review - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22230 | 60% Design Submittal - 48/54 Inch FM (Phase 1) | 14 | 11-Jul-15 A | 24-Jul-15 A | Design Submittal - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22610 | 60% Design Review - 48/54 Inch FM (Phase 1) | 19 | 25-Jul-15 A | 12-Aug-15 A | Design Review - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22570 | 90% Design Submittal - 48/54 Inch FM (Phase 1) | 30 | 13-Aug-15 A | 11-Sep-15 A | Design Submittal - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80410 | Engineering Design - 48/54 Inch FM (Phase 1) | 423 | 05-Aug-14 A | 01-Oct-15 A | Engineering Design - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38110 | 90% Submittal Review - 48/54 Inch FM (Phase 1) | 18 | 14-Sep-15 A | 01-Oct-15 A | Submittal Review - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 128 | 14-Oct-15 A | 19-Feb-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12021 | Permitting - 48/54 Inch FM (Phase 1) | 129 | 14-Oct-15 A | 19-Feb-16 A | Permitting - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 441 | 21-Mar-16 A | 04-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30011 | Submit/Approve SBD Goals and Request to Advertise - 48/54 Inch FM (Phase 1) | 47 | 21-Mar-16 A | 06-May-16 A | Submit/Approve SBD Goals and Request to Advertise - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38060 | Pre-Purchase Bid Package - 48/54 Inch FM (Phase 1) | 39 | 25-Apr-16 A | 02-Jun-16 A | Pre-Purchase Bid Package - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30001 | Design Documents Sent to Procurement - 48/54 Inch FM (Phase 1) | 0 | 03-Jun-16 A | | Design Documents Sent to Procurement - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38070 | Advertise Pre-Purchase Package - 48/54 Inch FM (Phase 1) | 0 | 03-Jun-16 A | | Advertise Pre-Purchase Package - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30021 | Advertise Bid Package - 48/54 Inch FM (Phase 1) | 0 | 17-Jun-16 A | | Advertise Bid Package - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30031 | Bid Solicitation Period - 48/54 Inch FM (Phase 1) | 40 | 17-Jun-16 A | 26-Jul-16 A | Bid Solicitation Period - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30041 | Bids Due - 48/54 Inch FM (Phase 1) | 0 | 27-Jul-16 A | | Bids Due - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38100 | Vendor Bid & Award - 48/54 Inch FM (Phase 1) | 56 | 03-Jun-16 A | 28-Jul-16 A | Vendor Bid & Award - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38080 | Vendor NTP - 48/54 Inch FM (Phase 1) | 0 | | 28-Jul-16 A | Vendor NTP - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30051 | Bid Review Period - 48/54 Inch FM (Phase 1) | 48 | 27-Jul-16 A | 12-Sep-16 A | Bid Review Period - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30061 | Award Recommendation - 48/54 Inch FM (Phase 1) | 0 | | 12-Sep-16 A | Award Recommendation - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12011 | Procurement - 48/54 Inch FM (Phase 1) | 116 | 03-Jun-16 A | 26-Sep-16 A | Procurement - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30071 | Final Approvals (BCC, Mayor, Risk Mgmt.) - 48/54 Inch FM (Phase 1) | 14 | 13-Sep-16 A | 26-Sep-16 A | Final Approvals (BCC, Mayor, Risk Mgmt.) - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30270 | Pre-Purchase 54" Pipe & Valves - 48/54 Inch FM (Phase 1) | 406 | 25-Apr-16 A | 04-Jul-17 | Pre-Purchase 54" Pipe & Valves - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38090 | Fabricate & Deliver Pre-Purchased 54" Pipe & Fittings - 48/54 Inch FM (Phase 1) | 311 | 29-Jul-16 A | 04-Jul-17 | Fabricate & Deliver Pre-Purchased 54" Pipe & Fittings - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 387 | 19-Oct-16 A | 09-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT30081 | Contractor Notice to Proceed (NTP) - 48/54 Inch FM (Phase 1) | 0 | 19-Oct-16 A | | Contractor Notice to Proceed (NTP) - 48/54 Inch FM (Phase 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | |
|---|---|-------------------|-------------|-------------|---|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|--|
| | | | | | 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 | | |
| Procurement | | | | | 26-Sep-16 A, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT71470 | EPA Start Date for Procurement - Rehab 54" PCCP FM in the City** | 0 | 06-Mar-15 A | 26-Sep-16 A | Procurement - Rehab 54" PCCP FM in the City** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50810 | EPA Compliance Date for Procurement - Rehab 54" PCCP FM in the City** | 0 | 06-Mar-15 A | 08-Jul-16 A | Procurement - Rehab 54" PCCP FM in the City** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 16-Jun-17 A, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT71480 | EPA Start Date for Construction - Rehab 54" PCCP FM in the City** | 0 | 20-Sep-16 A | 26-Sep-16 A | EPA Start Date for Construction - Rehab 54" PCCP FM in the City** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50830 | EPA Compliance Date for Construction - Rehab 54" PCCP FM in the City** | 0 | 20-Sep-16 A | 09-Apr-17 A | EPA Compliance Date for Construction - Rehab 54" PCCP FM in the City** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT10290 | Construction - Rehab 54" PCCP FM in the City | 262 | 27-Sep-16 A | 16-Jun-17 A | Construction - Rehab 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.08 (1) Rehab 2 Miles of 54 Inch PCCP FM (Consent Decree) | | | | | 27-Sep-17, 4.08 (1) Rehab 2 Miles of 54 Inch PCCP FM (Consent Decree) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 27-Sep-17, 4.08 (1) Rehab 2 Miles of 54 Inch PCCP FM (Consent Decree) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22070 | Pre-Design - Rehab 2 Miles of 54" PCCP FM in the City | 135 | 27-Oct-14 A | 11-Mar-15 A | Pre-Design - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 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 | Basis of Design Report (BODR) - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22620 | BODR Design Review - Rehab 2 Miles of 54" PCCP FM in the City | 12 | 11-Jul-15 A | 22-Jul-15 A | BODR Design Review - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38120 | As-Built Design Submittal - Rehab 2 Miles of 54" PCCP FM in the City | 42 | 01-Oct-15 A | 11-Nov-15 A | As-Built Design Submittal - 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 | Negotiate Scope & Fee of Remaining Design - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80420 | Engineering Design - Rehab 2 Miles of 54" PCCP FM in the City | 373 | 12-Mar-15 A | 18-Mar-16 A | Engineering Design - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22100 | Develop Performance Specifications - Rehab 2 Miles of 54" PCCP FM in the City | 170 | 01-Oct-15 A | 18-Mar-16 A | Develop Performance Specifications - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 11-Jul-15 A, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22110 | Permitting - Rehab 2 Miles of 54" PCCP FM in the City | 11 | 11-Jul-15 A | 22-Jul-15 A | Permitting - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 26-Sep-16 A, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT33021 | Submit/Approve SBD Goals - Rehab 2 Miles of 54" PCCP FM in the City | 247 | 23-Jan-16 A | 26-Sep-16 A | Submit/Approve SBD Goals - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT33011 | Design Documents Sent to Procurement - Rehab 2 Miles of 54" PCCP FM in the City | 21 | 23-Jan-16 A | 12-Feb-16 A | Design Documents Sent to Procurement - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT33031 | Advertise Bid Package - Rehab 2 Miles of 54" PCCP FM in the City | 0 | 18-Apr-16 A | | Advertise Bid Package - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT33041 | Bid Solicitation Period - Rehab 2 Miles of 54" PCCP FM in the City | 0 | 25-May-16 A | | Bid Solicitation Period - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT33051 | Bids Due - Rehab 2 Miles of 54" PCCP FM in the City | 43 | 25-May-16 A | 06-Jul-16 A | Bids Due - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT33061 | Bid Review Period - Rehab 2 Miles of 54" PCCP FM in the City | 0 | 07-Jul-16 A | | Bid Review Period - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT33071 | Award Recommendation - Rehab 2 Miles of 54" PCCP FM in the City | 44 | 07-Jul-16 A | 19-Aug-16 A | Award Recommendation - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50940 | Bid Protest - Rehab 2 Miles of 54" PCCP FM in the City | 0 | 19-Aug-16 A | | Bid Protest - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22120 | Procurement - Rehab 2 Miles of 54" PCCP FM in the City | 31 | 24-Aug-16 A | 23-Sep-16 A | Procurement - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT33081 | Final Approvals (BCC, Mayor, Risk Mgmt.) - Rehab 2 Miles of 54" PCCP FM in the City | 162 | 18-Apr-16 A | 26-Sep-16 A | Final Approvals (BCC, Mayor, Risk Mgmt.) - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 27-Sep-17, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT33091 | Contractor Notice to Proceed (NTP) - Rehab 2 Miles of 54" PCCP FM in the City | 3 | 24-Sep-16 A | 26-Sep-16 A | Contractor Notice to Proceed (NTP) - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22650 | Construction - Rehab 2 Miles of 54" PCCP FM in the City | 382 | 27-Sep-16 A | 27-Sep-17 | Construction - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT10380 | Substantial Completion (CD Compliance Date 4/09/17) - Rehab 2 Miles of 54" PCCP FM in the City | 0 | 27-Sep-16 A | 16-Jun-17 A | Substantial Completion (CD Compliance Date 4/09/17) - Rehab 2 Miles of 54" PCCP 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 | Project Closeout - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 27-Sep-17, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38390 | WASD Project Administration - Rehab 2 Miles of 54" PCCP FM in the City | 917 | 12-Mar-15 A | 27-Sep-17 | WASD Project Administration - Rehab 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.08 (2) Rehab/Replace an Additional 2 Miles of 54" PCCP FM (Non-Consent Decree) | | | | | 28-Feb-19, 4.08 (2) Rehab/Replace an Additional 2 Miles of 54" PCCP FM (Non-Consent Decree) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 28-Feb-19, 4.08 (2) Rehab/Replace an Additional 2 Miles of 54" PCCP FM (Non-Consent Decree) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22660 | Pre-Design - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 135 | 27-Oct-14 A | 11-Mar-15 A | Pre-Design - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 18-Mar-16 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22670 | Basis of Design Report (BODR) - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 136 | 27-Oct-14 A | 11-Mar-15 A | Basis of Design Report (BODR) - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22680 | BODR Design Review - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 372 | 12-Mar-15 A | 18-Mar-16 A | BODR Design Review - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80430 | Engineering Design - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 121 | 12-Mar-15 A | 10-Jul-15 A | Engineering Design - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22710 | Develop Performance Specifications - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 12 | 11-Jul-15 A | 22-Jul-15 A | Develop Performance Specifications - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 01-Jul-15 A, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22740 | Permitting - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 373 | 01-Jul-15 A | 22-Jul-15 A | Permitting - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 26-Sep-16 A, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | Submit/Approve SBD Goals and Request to Advertise - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35190 | Design Documents Sent to Procurement - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 0 | 18-Apr-16 A | | Design Documents Sent to Procurement - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35210 | Advertise Bid Package - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 0 | 25-May-16 A | | Advertise Bid Package - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35230 | Bids Due - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 0 | 07-Jul-16 A | | Bids Due - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | Bid Review Period - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35250 | Award Recommendation - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 0 | 19-Aug-16 A | | Award Recommendation - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22750 | Procurement - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 162 | 18-Apr-16 A | 26-Sep-16 A | Procurement - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | Final Approvals (BCC, Mayor, Risk Mgmt.) - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 28-Feb-19, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35270 | Contractor Notice to Proceed (NTP) - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 885 | 27-Sep-16 A | 28-Feb-19 | Contractor Notice to Proceed (NTP) - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22760 | Construction Phase 2 - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 0 | 27-Sep-16 A | | Construction Phase 2 - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22770 | Substantial Completion (Non Consent Decree) - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 365 | 01-Dec-17 | 30-Nov-18 | Substantial Completion (Non Consent Decree) - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT40430 | Project Closeout - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 0 | 30-Nov-18 | | Project Closeout - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 28-Feb-19, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38380 | WASD Project Administration - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | 90 | 01-Dec-18 | 28-Feb-19 | WASD Project Administration - Rehab/Replace Additional 2 Miles of 54" PCCP FM in the City | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.09 Replace Approximately 30 miles of AC FM Transmission System | | | | | 26-Dec-19, 4.09 Replace Approximately 30 miles of AC FM Transmission System | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 11-Feb-18, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | 2024 | | | |
|--|---|-------------------|-------------|-------------|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|------|----|----|----|
| | | | | | 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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35290 | Submit/Approve SBD Goals and Request to Advertise - 4.09 (6-7) | 73 | 15-Apr-16 A | 26-Jun-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35300 | Advertise Bid Package - 4.09 (6-7) | 0 | 27-Jun-16 A | 26-Jul-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35310 | Bid Solicitation Period - 4.09 (6-7) | 30 | 27-Jul-16 A | 26-Sep-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35320 | Bids Due - 4.09 (6-7) | 0 | 27-Jul-16 A | 26-Sep-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35330 | Bid Review Period - 4.09 (6-7) | 46 | 27-Jul-16 A | 10-Sep-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35340 | Award Recommendation - 4.09 (6-7) | 0 | 10-Sep-16 A | 10-Sep-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12271 | Procurement - 4.09 (6-7) | 168 | 15-Apr-16 A | 29-Sep-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35350 | Final Approvals - 4.09 (6-7) | 19 | 11-Sep-16 A | 29-Sep-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT51010 | P.O. Issued - 4.09 (6-7) | 0 | 29-Sep-16 A | 29-Sep-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80450 | Contractor Withdrew Bid - 4.09 (6-7) | 0 | 25-Jan-17 A | 25-Jan-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80460 | Bid Review Period (Second Bidder) - 4.09 (6-7) | 41 | 25-Jan-17 A | 06-Mar-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80470 | Award Recommendation (Second Bidder) - 4.09 (6-7) | 0 | 06-Mar-17 A | 06-Mar-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80480 | Final Approvals (Second Bidder) - 4.09 (6-7) | 90 | 07-Mar-17 A | 26-Jun-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80490 | P.O. Issued (Second Bidder) - 4.09 (6-7) | 0 | 26-Jun-17 A | 26-Jun-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35360 | Contractor Notice to Proceed (NTP) - 4.09 (6-7) | 0 | 26-Jun-17 A | 26-Jun-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12281 | Construction - 4.09 (6-7) | 50 | 26-Jun-17 A | 15-Aug-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12291 | Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (6-7) | 0 | 15-Aug-17 | 15-Aug-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT40460 | Project Closeout - 4.09 (6-7) | 90 | 16-Aug-17 | 13-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38360 | WASD Project Administration - 4.09 (6-7) | 941 | 27-Mar-15 A | 13-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.09 (9-13) Replacement of 6, 8 and 12" ACP FM Between PS#0385, PS#0374 and NW 119th St./37th Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12301 | Engineering Design - 4.09 (9-13) | 550 | 28-Aug-12 A | 28-Feb-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12311 | Permitting - 4.09 (9-13) | 90 | 03-Mar-14 A | 31-May-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12321 | Procurement - 4.09 (9-13) | 248 | 01-Jun-14 A | 03-Feb-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12331 | Construction - 4.09 (9-13) | 185 | 04-Feb-15 A | 07-Aug-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12341 | Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (9-13) | 0 | 07-Aug-15 A | 07-Aug-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38490 | WASD Project Administration - 4.09 (9-13) | 1075 | 28-Aug-12 A | 07-Aug-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.09 (14-19) Replacement of 6, 8 & 10" ACP FM Around PS#0376, 0427, 0375, 0377 and 0368 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12351 | Engineering Design - 4.09 (14-19) | 581 | 28-Aug-12 A | 31-Mar-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12361 | Permitting - 4.09 (14-19) | 91 | 01-Apr-14 A | 30-Jun-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12371 | Procurement - 4.09 (14-19) | 230 | 01-Jul-14 A | 15-Feb-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12381 | Construction - 4.09 (14-19) | 107 | 17-Feb-15 A | 03-Jun-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12391 | Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (14-19) | 0 | 03-Jun-15 A | 03-Jun-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38520 | WASD Project Administration - 4.09 (14-19) | 1010 | 28-Aug-12 A | 03-Jun-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.09 (20-21) Replace 467LF 8" ACP FM from PS#0366 to NW42ndPI/199thTer.& 1792LF 10" - 39thCI/199th St | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT20030 | Pre-Design - 4.9 (20-21) | 244 | 29-Aug-14 A | 30-Apr-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT31001 | 30% Design Submittal - 4.09 (20-21) | 34 | 01-May-15 A | 03-Jun-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT31011 | 60% Design Submittal - 4.09 (20-21) | 28 | 04-Jun-15 A | 01-Jul-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT31021 | 90% Design Submittal - 4.09 (20-21) | 22 | 02-Jul-15 A | 23-Jul-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12401 | Engineering Design - 4.09 (20-21) | 152 | 30-Apr-15 A | 29-Sep-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12411 | Permitting - 4.09 (20-21) | 83 | 29-Sep-15 A | 21-Dec-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35370 | 100% Design Documents Sent to Procurement - 4.09 (20-21) | 0 | 22-Dec-15 A | 22-Dec-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35380 | Submit/Approve SBD Goals and Request to Advertise - 4.09 (20-21) | 76 | 22-Dec-15 A | 06-Mar-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35390 | Advertise Bid Package - 4.09 (20-21) | 0 | 07-Mar-16 A | 07-Mar-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35400 | Bid Solicitation Period - 4.09 (20-21) | 30 | 07-Mar-16 A | 05-Apr-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35410 | Bids Due - 4.09 (20-21) | 0 | 06-Apr-16 A | 06-Apr-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35420 | Bid Review Period - 4.09 (20-21) | 23 | 06-Apr-16 A | 28-Apr-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35430 | Award Recommendation - 4.09 (20-21) | 0 | 28-Apr-16 A | 28-Apr-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12421 | Procurement - 4.09 (20-21) | 171 | 22-Dec-15 A | 09-Jun-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35440 | Final Approvals - 4.09 (20-21) | 43 | 28-Apr-16 A | 09-Jun-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50960 | P.O. Issued - 4.09 (20-21) | 0 | 09-Jun-16 A | 09-Jun-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35450 | Contractor Notice to Proceed (NTP) - 4.09 (20-21) | 0 | 22-Aug-16 A | 22-Aug-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12431 | Construction - 4.09 (20-21) | 197 | 22-Aug-16 A | 06-Mar-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | |
|---|--|-------------------|-------------|-------------|---|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|
| | | | | | 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 |
| Engineering Design | | | | | 18-Feb-16 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12551 | Engineering Design - 4.09 (24) | 332 | 23-Mar-15 A | 18-Feb-16 A | Engineering Design - 4.09 (24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 31-Mar-16 A, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12561 | Permitting - 4.09 (24) | 41 | 19-Feb-16 A | 31-Mar-16 A | Permitting - 4.09 (24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 30-Jun-16 A, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35640 | Design Documents Sent to Procurement - 4.09 (24) | 0 | 07-Apr-16 A | 30-Jun-16 A | Design Documents Sent to Procurement - 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 Goals and Request to Advertise - 4.09 (24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35660 | Advertise Bid Package - 4.09 (24) | 0 | 15-Apr-16 A | 14-Apr-16 A | Advertise Bid Package - 4.09 (24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35670 | Bid Solicitation Period - 4.09 (24) | 27 | 15-Apr-16 A | 11-May-16 A | Bid Solicitation Period - 4.09 (24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35680 | Bids Due - 4.09 (24) | 0 | 12-May-16 A | 11-May-16 A | Bids Due - 4.09 (24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35690 | Bid Review Period - 4.09 (24) | 2 | 12-May-16 A | 13-May-16 A | Bid Review Period - 4.09 (24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35700 | Award Recommendation - 4.09 (24) | 0 | 13-May-16 A | 13-May-16 A | Award Recommendation - 4.09 (24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12571 | Procurement - 4.09 (24) | 85 | 07-Apr-16 A | 30-Jun-16 A | Procurement - 4.09 (24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35710 | Final Approvals - 4.09 (24) | 46 | 16-May-16 A | 30-Jun-16 A | Final Approvals - 4.09 (24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 30-Jul-17, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35720 | Contractor Notice to Proceed (NTP) - 4.09 (24) | 0 | 12-Sep-16 A | 30-Jul-17 | Contractor Notice to Proceed (NTP) - 4.09 (24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12581 | Construction - 4.09 (24) | 46 | 12-Sep-16 A | 27-Oct-16 A | Construction - 4.09 (24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12591 | Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (24) | 0 | | 27-Oct-16 A | Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT40500 | Project Closeout - 4.09 (24) | 246 | 28-Oct-16 A | 30-Jul-17* | Project Closeout - 4.09 (24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 30-Jul-17, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38320 | WASD Project Administration - 4.09 (24) | 831 | 23-Mar-15 A | 30-Jul-17 | WASD Project Administration - 4.09 (24) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.09 (25-26) Replacement of 1040 LF of 10" ACP FM from NW173rd Dr/52nd Ave. to NW 177th St/52nd Ave. | | | | | 01-Aug-17, 4.09 (25-26) Replacement of 1040 LF of 10" ACP FM from NW173rd Dr/52nd Ave. to NW 177th St/52nd Ave. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 15 A, Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22310 | Pre-Design - 4.09 (25-26) | 180 | 01-Nov-14 A | 30-Apr-15 A | Pre-Design - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 15 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37390 | 30% Design Submittal - 4.09 (25-26) | 117 | 30-Apr-15 A | 25-Aug-15 A | 30% Design Submittal - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37400 | 60% Design Submittal - 4.09 (25-26) | 34 | 01-May-15 A | 03-Jun-15 A | 60% Design Submittal - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37410 | 90% Design Submittal - 4.09 (25-26) | 26 | 04-Jun-15 A | 29-Jun-15 A | 90% Design Submittal - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12601 | Engineering Design - 4.09 (25-26) | 24 | 30-Jun-15 A | 23-Jul-15 A | Engineering Design - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 15 A, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12611 | Permitting - 4.09 (25-26) | 118 | 30-Apr-15 A | 25-Aug-15 A | Permitting - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 11-Jul-16 A, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35730 | Design Documents Sent to Procurement - 4.09 (25-26) | 43 | 29-Sep-15 A | 11-Nov-15 A | Design Documents Sent to Procurement - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35740 | Submit/Approve SBD Goals and Request to Advertise - 4.09 (25-26) | 0 | 18-Dec-15 A | 13-Mar-16 A | Submit/Approve SBD Goals and Request to Advertise - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35750 | Advertise Bid Package - 4.09 (25-26) | 87 | 18-Dec-15 A | 13-Mar-16 A | Advertise Bid Package - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35760 | Bid Solicitation Period - 4.09 (25-26) | 0 | 14-Mar-16 A | 04-May-16 A | Bid Solicitation Period - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35770 | Bids Due - 4.09 (25-26) | 52 | 14-Mar-16 A | 04-May-16 A | Bids Due - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35780 | Bid Review Period - 4.09 (25-26) | 0 | 05-May-16 A | 11-May-16 A | Bid Review Period - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35790 | Award Recommendation - 4.09 (25-26) | 7 | 05-May-16 A | 11-May-16 A | Award Recommendation - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12621 | Procurement - 4.09 (25-26) | 0 | | 11-May-16 A | Procurement - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35800 | Final Approvals - 4.09 (25-26) | 244 | 11-Nov-15 A | 11-Jul-16 A | Final Approvals - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50980 | P.O. Issued - 4.09 (25-26) | 61 | 12-May-16 A | 11-Jul-16 A | P.O. Issued - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 01-Aug-17, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT35810 | Contractor Notice to Proceed (NTP) - 4.09 (25-26) | 269 | 07-Oct-16 A | 01-Aug-17 | Contractor Notice to Proceed (NTP) - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12631 | Construction - 4.09 (25-26) | 0 | 07-Oct-16 A | 03-Apr-17 A | Construction - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12641 | Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (25-26) | 179 | 07-Oct-16 A | 03-Apr-17 A | Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT40510 | Project Closeout - 4.09 (25-26) | 0 | | 03-Apr-17 A | Project Closeout - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 01-Aug-17, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38310 | WASD Project Administration - 4.09 (25-26) | 794 | 01-May-15 A | 01-Aug-17 | WASD Project Administration - 4.09 (25-26) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.09 (27) Replace 263 LF of 4" ACP FM in SW 149th Ter from SW 89th Ave. to PVT PS Property | | | | | 26-Sep-17, 4.09 (27) Replace 263 LF of 4" ACP FM in SW 149th Ter from SW 89th Ave. to PVT PS Property | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 15 A, Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22320 | Pre-Design - 4.09 (27) | 94 | 24-Jun-15 A | 25-Sep-15 A | Pre-Design - 4.09 (27) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 03-Jul-17, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37790 | 30% Design Submittal - 4.09 (27) | 334 | 25-Sep-15 A | 03-Jul-17 | 30% Design Submittal - 4.09 (27) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37800 | 60% Design Submittal - 4.09 (27) | 71 | 06-Oct-15 A | 15-Dec-15 A | 60% Design Submittal - 4.09 (27) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12651 | Engineering Design - 4.09 (27) | 37 | 16-Dec-15 A | 21-Jan-16 A | Engineering Design - 4.09 (27) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37810 | Verification of Existing Conditions and Work to Complete - 4.09 (27) | 141 | 25-Sep-15 A | 12-Feb-16 A | Verification of Existing Conditions and Work to Complete - 4.09 (27) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 26-Sep-17, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12681 | Construction - 4.09 (27) | 254 | 22-Jan-16 A | 03-Jul-17 | Construction - 4.09 (27) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12691 | Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (27) | 493 | 29-Oct-15 A | 26-Sep-17 | Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (27) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT40520 | Project Closeout - 4.09 (27) | 0 | | 20-Nov-15 A | Project Closeout - 4.09 (27) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 26-Sep-17, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38300 | WASD Project Administration - 4.09 (27) | 31 | 15-Aug-17 | 26-Sep-17* | WASD Project Administration - 4.09 (27) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.09 (28) Replacement of 8" ACP FM from PS0786 to MH 5, 8" FM from PS#0784 to SW102 Ave/SW 20 St. | | | | | 26-Dec-19, 4.09 (28) Replacement of 8" ACP FM from PS0786 to MH 5, 8" FM from PS#0784 to SW102 Ave/SW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 10-Aug-17, Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22330 | Pre-Design - 4.09 (28) | 422 | 06-Oct-15 A | 26-Sep-17 | Pre-Design - 4.09 (28) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 14-Dec-17, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12701 | Engineering Design - 4.09 (28) | 90 | 11-Aug-17 | 14-Dec-17 | Engineering Design - 4.09 (28) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 19-Apr-18, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 90 | 15-Dec-17 | 19-Apr-18 | Permitting - 4.09 (28) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Table with columns for Activity ID, Activity Name, Original Duration, Start, Finish, and a timeline grid for years 2016-2024. Rows include projects such as '4.09 (29-31) Replace 6" & 12" ACP/PVC FM s from 107th Ave...', '4.09 (29-31) Replacement of 684 LF of 12" ACP FM in SW 107th Ave. from 104th St. to Kandale Blvd', and '4.09 (33) Replace 1701 LF 4" ACP from PVT PS at SW104th Ave. & 169th St. to MH42 at SW103rd Ave.'.

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | | | | | | | | | 2017 | | | | | | | | | | | | 2018 | | | | | | | | | | | | 2019 | | | | | | | | | | | | 2020 | | | | | | | | | | | | 2021 | | | | | | | | | | | | 2022 | | | | | | | | | | | | 2023 | | | | | | | | | | | | 2024 | | | | | | | | | | | |
|---|---|-------------------|-------------|-------------|------|----|----|----|----|----|----|----|----|----|----|----|------|----|----|----|----|----|----|----|----|----|----|----|------|----|----|----|----|----|----|----|----|----|----|----|------|----|----|----|----|----|----|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|------|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50300 | Miami Dade Public Works Permit - 4.09 (33) | 29 | 28-Apr-16 A | 26-May-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Miami Dade Public Works Permit - 4.09 (33) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12861 | Permitting - 4.09 (33) | 54 | 28-Apr-16 A | 20-Jun-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Permitting - 4.09 (33) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50290 | RER (DERM) / FDEP Permit - 4.09 (33) | 42 | 10-May-16 A | 20-Jun-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RER (DERM)/ FDEP Permit - 4.09 (33) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22-Jul-17, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12881 | Construction (WASD In House) - 4.09 (33) | 12 | 01-Aug-16 A | 12-Aug-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Construction (WASD In House) - 4.09 (33) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12891 | Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (33) | 0 | 01-Aug-16 A | 12-Aug-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (33) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT40560 | Project Closeout - 4.09 (33) | 314 | 13-Aug-16 A | 22-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Project Closeout - 4.09 (33) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22-Jul-17, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38260 | WASD Project Administration - 4.09 (33) | 23 | 30-Jun-17 | 22-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | WASD Project Administration - 4.09 (33) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.09 (34-43) Replace ACP DM with 8" & 12" DI FM from SW108 Pl/SW177 St to SW95 Ave/SW163 St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30-May-19, 4.09 (34-43) Replace ACP DM with 8" & 12" DI FM from SW108 Pl/SW177 St to SW95 Ave/SW163 St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23-Sep-16 A, Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22370 | Pre-Design - 4.09 (34-43) | 339 | 21-Oct-15 A | 23-Sep-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Pre-Design - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31-Jul-17, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37880 | 30% Design Submittal - 4.09 (34-43) | 90 | 23-Sep-16 A | 21-Dec-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30% Design Submittal - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50430 | 30% Design Review - 4.09 (34-43) | 37 | 22-Dec-16 A | 27-Jan-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30% Design Review - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37890 | 60% Design Submittal - 4.09 (34-43) | 39 | 28-Jan-17 A | 07-Mar-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 60% Design Submittal - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50440 | 60% Design Review - 4.09 (34-43) | 48 | 08-Mar-17 A | 24-Apr-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 60% Design Review - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37900 | 90% Design Submittal - 4.09 (34-43) | 42 | 25-Apr-17 A | 02-Jun-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 90% Design Submittal - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50320 | 90% Design Review - 4.09 (34-43) | 10 | 05-Jun-17 A | 17-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 90% Design Review - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12951 | Engineering Design - 4.09 (34-43) | 280 | 23-Sep-16 A | 31-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Engineering Design - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80510 | 100% Design/Permit Ready Submittal - 4.09 (34-43) | 14 | 18-Jul-17 | 31-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 100% Design/Permit Ready Submittal - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29-Oct-17, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12961 | Permitting - 4.09 (34-43) | 90 | 01-Aug-17 | 29-Oct-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Permitting - 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 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 16-Mar-18, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80300 | GMOU submittal and approval - 4.09 (34-43) | 242 | 18-Jul-17 | 16-Mar-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | GMOU submittal and approval - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80190 | Internal Bid Package Review - 4.09 (34-43) | 3 | 30-Oct-17 | 01-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Internal Bid Package Review - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT36180 | Design Documents Sent to Procurement - 4.09 (34-43) | 0 | 02-Nov-17 | 01-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Design Documents Sent to Procurement - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT36190 | Submit/Approve SBD Goals and Request to Advertise - 4.09 (34-43) | 30 | 02-Nov-17 | 01-Dec-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Submit/Approve SBD Goals and Request to Advertise - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT36200 | Advertise Bid Package - 4.09 (34-43) | 0 | 02-Dec-17 | 02-Dec-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Advertise Bid Package - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT36210 | Bid Solicitation Period - 4.09 (34-43) | 45 | 02-Dec-17 | 15-Jan-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Bid Solicitation Period - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT36220 | Bids Due - 4.09 (34-43) | 0 | 16-Jan-18 | 16-Jan-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Bids Due - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT36230 | Bid Review Period - 4.09 (34-43) | 30 | 16-Jan-18 | 14-Feb-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Bid Review Period - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT36240 | Award Recommendation - 4.09 (34-43) | 0 | 14-Feb-18 | 14-Feb-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Award Recommendation - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12971 | Procurement - 4.09 (34-43) | 135 | 02-Nov-17 | 16-Mar-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Procurement - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT36250 | Final Approvals - 4.09 (34-43) | 30 | 15-Feb-18 | 16-Mar-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Final Approvals - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30-May-19, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT36260 | Contractor Notice to Proceed (NTP) - 4.09 (34-43) | 0 | 17-Mar-18 | 01-Mar-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Contractor Notice to Proceed (NTP) - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12981 | Construction - 4.09 (34-43) | 350 | 17-Mar-18 | 01-Mar-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Construction - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT12991 | Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (34-43) | 0 | 01-Mar-19* | 01-Mar-19* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT40570 | Project Closeout - 4.09 (34-43) | 90 | 02-Mar-19 | 30-May-19* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Project Closeout - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30-May-19, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38250 | WASD Project Administration - 4.09 (34-43) | 948 | 23-Sep-16 A | 30-May-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | WASD Project Administration - 4.09 (34-43) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.09 (46) Replacement of 157 LF of 6" ACP FM from SW107th Ct/155th St to SW 107th Ave/155th St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11-Nov-18, 4.09 (46) Replacement of 157 LF of 6" ACP FM from SW107th Ct/155th St to SW 107th Ave/155th St. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23-Sep-16 A, Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22400 | Pre-Design - 4.09 (46) | 479 | 03-Jun-15 A | 23-Sep-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Pre-Design - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31-Jul-17, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37910 | 30% Design Submittal - 4.9 (46) | 90 | 23-Sep-16 A | 21-Dec-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30% Design Submittal - 4.9 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50450 | 30% Design Review - 4.09 (46) | 37 | 22-Dec-16 A | 27-Jan-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 30% Design Review - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37920 | 60% Design Submittal - 4.09 (46) | 39 | 28-Jan-17 A | 07-Mar-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 60% Design Submittal - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50460 | 60% Design Review - 4.09 (46) | 48 | 08-Mar-17 A | 24-Apr-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 60% Design Review - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37930 | 90% Design Submittal - 4.09 (46) | 42 | 25-Apr-17 A | 05-Jun-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 90% Design Submittal - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50470 | 90% Design Review - 4.09 (46) | 10 | 06-Jun-17 A | 17-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 90% 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 100% Design/Permit Ready Submittal - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 29-Oct-17, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT13111 | Permitting - 4.09 (46) | 90 | 01-Aug-17 | 29-Oct-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Permitting - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50570 | RER (DERM) Permit - 4.09 (46) | 90 | 01-Aug-17 | 29-Oct-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | RER (DERM) Permit - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50580 | Public Works Permit - 4.09 (46) | 90 | 01-Aug-17 | 29-Oct-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Public Works Permit - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 14-Feb-18, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80310 | GMOU submittal and approval - 4.09 (46) | 212 | 18-Jul-17 | 14-Feb-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | GMOU submittal and approval - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80200 | Internal Bid Package Review - 4.09 (46) | 3 | 30-Oct-17 | 01-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Internal Bid Package Review - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT36270 | Design Documents Sent to Procurement - 4.09 (46) | 0 | 02-Nov-17 | 01-Dec-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Design Documents Sent to Procurement - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT36280 | Submit/Approve SBD Goals and Request to Advertise - 4.09 (46) | 30 | 02-Nov-17 | 01-Dec-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Submit/Approve SBD Goals and Request to Advertise - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT36290 | Advertise Bid Package - 4.09 (46) | 0 | 02-Dec-17 | 02-Dec-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Advertise Bid Package - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT36300 | Bid Solicitation Period - 4.09 (46) | 30 | 02-Dec-17 | 31-Dec-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Bid Solicitation Period - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT36310 | Bids Due - 4.09 (46) | 0 | 01-Jan-18 | 01-Jan-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Bids Due - 4.09 (46) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | | |
|--|--|-------------------|-------------|-------------|------|----|----|----|------|-------------------------|----|----|------|-------------|----|----|------|----|----|----|------|--|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|--|--|--|--|
| | | | | | 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 | | | | | |
| Construction | | | | | | | | | | 12-Aug-17, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37070 | Contractor Notice to Proceed (NTP) - 4.09 (68) | 0 | 12-Sep-16 A | 12-Aug-17 | | | | | | | | | | | | | | | | | | Contractor Notice to Proceed (NTP) - 4.09 (68) | | | | | | | | | | | | | | | | | | | |
| CT13931 | Construction - 4.09 (68) | 184 | 12-Sep-16 A | 14-Mar-17 A | | | | | | | | | | | | | | | | | | 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 Date 10/08/19) - 4.09 (68) | | | | | | | | | | | | | | | | | | | |
| CT40690 | Project Closeout - 4.09 (68) | 121 | 15-Mar-17 A | 12-Aug-17* | | | | | | | | | | | | | | | | | | Project Closeout - 4.09 (68) | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 1012 | | | | | 06-Oct-14 A | | | | 12-Aug-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38170 | WASD Project Administration - 4.09 (68) | 1012 | 06-Oct-14 A | 12-Aug-17 | | | | | | | | | | | | | | | | | | WASD Project Administration - 4.09 (68) | | | | | | | | | | | | | | | | | | | |
| 4.09 (69) Replacement of 2,320 LF of 12" ACP FM from PS#0333 South to Miami Lakes Dr. | | | | | 1142 | | | | | 16-Jun-14 A | | | | 30-Aug-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 318 | | | | | 16-Jun-14 A | | | | 30-Apr-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22590 | Pre-Design - 4.09 (69) | 319 | 16-Jun-14 A | 30-Apr-15 A | | | | | | | | | | | | | | | | | | Pre-Design - 4.09 (69) | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 105 | | | | | 01-May-15 A | | | | 14-Aug-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37480 | 30% Design Submittal - 4.09 (69) | 29 | 01-May-15 A | 29-May-15 A | | | | | | | | | | | | | | | | | | 30% Design Submittal - 4.09 (69) | | | | | | | | | | | | | | | | | | | |
| CT37490 | 60% Design Submittal - 4.09 (69) | 33 | 01-Jun-15 A | 03-Jul-15 A | | | | | | | | | | | | | | | | | | 60% Design Submittal - 4.09 (69) | | | | | | | | | | | | | | | | | | | |
| CT37500 | 90% Design Submittal - 4.09 (69) | 40 | 06-Jul-15 A | 14-Aug-15 A | | | | | | | | | | | | | | | | | | 90% Design Submittal - 4.09 (69) | | | | | | | | | | | | | | | | | | | |
| CT13951 | Engineering Design - 4.09 (69) | 105 | 01-May-15 A | 14-Aug-15 A | | | | | | | | | | | | | | | | | | Engineering Design - 4.09 (69) | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 91 | | | | | 19-Oct-15 A | | | | 18-Jan-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT13961 | Permitting - 4.09 (69) | 92 | 19-Oct-15 A | 18-Jan-16 A | | | | | | | | | | | | | | | | | | Permitting - 4.09 (69) | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 121 | | | | | 19-Jan-16 A | | | | 19-May-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | Award Recommendation - 4.09 (69) | | | | | | | | | | | | | | | | | | | |
| CT13971 | Procurement - 4.09 (69) | 122 | 19-Jan-16 A | 19-May-16 A | | | | | | | | | | | | | | | | | | Procurement - 4.09 (69) | | | | | | | | | | | | | | | | | | | |
| CT37150 | Final Approvals - 4.09 (69) | 38 | 12-Apr-16 A | 19-May-16 A | | | | | | | | | | | | | | | | | | Final Approvals - 4.09 (69) | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 379 | | | | | 18-Jul-16 A | | | | 30-Aug-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37160 | Contractor Notice to Proceed (NTP) - 4.09 (69) | 0 | 18-Jul-16 A | | | | | | | | | | | | | | | | | | | Contractor Notice to Proceed (NTP) - 4.09 (69) | | | | | | | | | | | | | | | | | | | |
| CT13981 | Construction - 4.09 (69) | 102 | 18-Jul-16 A | 27-Oct-16 A | | | | | | | | | | | | | | | | | | Construction - 4.09 (69) | | | | | | | | | | | | | | | | | | | |
| CT13991 | Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (69) | 0 | | 27-Oct-16 A | | | | | | | | | | | | | | | | | | Substantial Completion (CD Compliance Date 10/08/19) - 4.09 (69) | | | | | | | | | | | | | | | | | | | |
| CT40700 | Project Closeout - 4.09 (69) | 277 | 28-Oct-16 A | 30-Aug-17* | | | | | | | | | | | | | | | | | | Project Closeout - 4.09 (69) | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 694 | | | | | 01-May-15 A | | | | 25-Mar-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38150 | WASD Project Administration - 4.09 (69) | 695 | 01-May-15 A | 25-Mar-17 A | | | | | | | | | | | | | | | | | | WASD Project Administration - 4.09 (69) | | | | | | | | | | | | | | | | | | | |
| 4.09 (70) Replace 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 407 | | | | | 13-Sep-14 A | | | | 25-Oct-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT20000 | Pre-Design - 4.09 (70) | 44 | 13-Sep-14 A | 26-Oct-14 A | | | | | | | | | | | | | | | | | | Pre-Design - 4.09 (70) | | | | | | | | | | | | | | | | | | | |
| CT33000 | Pre-Design (Revised Project Scope) - 4.09 (70) | 119 | 29-Jun-15 A | 25-Oct-15 A | | | | | | | | | | | | | | | | | | Pre-Design (Revised Project Scope) - 4.09 (70) | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 977 | | | | | 27-Oct-14 A | | | | 16-Mar-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT14001 | Engineering Design (Original Project Scope) - 4.09 (70) | 245 | 27-Oct-14 A | 28-Jun-15 A | | | | | | | | | | | | | | | | | | Engineering 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 | | | | | | | | | | | | | | | | | | Engineering Design (Revised Project Scope) - 4.09 (70) | | | | | | | | | | | | | | | | | | | |
| CT80700 | Project Cancelled - 4.09 (70) | 0 | | 16-Mar-16 A | | | | | | | | | | | | | | | | | | Project Cancelled - 4.09 (70) | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 1683 | | | | | 27-Oct-14 A | | | | 16-Mar-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT38160 | WASD Project Administration - 4.09 (70) | 1683 | 27-Oct-14 A | 16-Mar-16 A | | | | | | | | | | | | | | | | | | 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 NW207St | | | | | 1343 | | | | | 01-Nov-14 A | | | | 05-Jul-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 90 | | | | | 01-Nov-14 A | | | | 30-Jan-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT22550 | Pre-Design - 4.09 (71) | 91 | 01-Nov-14 A | 30-Jan-15 A | | | | | | | | | | | | | | | | | | Pre-Design - 4.09 (71) | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 442 | | | | | 02-Feb-15 A | | | | 19-Apr-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT14051 | Engineering Design - 4.09 (71) | 443 | 02-Feb-15 A | 19-Apr-16 A | | | | | | | | | | | | | | | | | | Engineering Design - 4.09 (71) | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 100 | | | | | 19-Apr-16 A | | | | 28-Jul-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50410 | DERM Permit - 4.09 (71) | 20 | 20-Apr-16 A | 09-May-16 A | | | | | | | | | | | | | | | | | | DERM Permit - 4.09 (71) | | | | | | | | | | | | | | | | | | | |
| CT14061 | Permitting - 4.09 (71) | 101 | 19-Apr-16 A | 28-Jul-16 A | | | | | | | | | | | | | | | | | | Permitting - 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) | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 212 | | | | | 09-Feb-17 A | | | | 08-Sep-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80390 | GMOU Submittal and Approval - 4.09 (71) | 21 | 09-Feb-17 A | 01-Mar-17 A | | | | | | | | | | | | | | | | | | GMOU Submittal and Approval - 4.09 (71) | | | | | | | | | | | | | | | | | | | |
| CT80400 | Internal Bid Package Review - 4.09 (71) | 5 | 17-May-17 A | 21-May-17 A | | | | | | | | | | | | | | | | | | Internal Bid Package Review - 4.09 (71) | | | | | | | | | | | | | | | | | | | |
| CT37170 | Design Documents Sent to Procurement - 4.09 (71) | 0 | 22-May-17 A | | | | | | | | | | | | | | | | | | | Design Documents Sent to Procurement - 4.09 (71) | | | | | | | | | | | | | | | | | | | |
| CT37180 | Submit/Approve SBD Goals and Request to Advertise - 4.09 (71) | 22 | 22-May-17 A | 31-May-17 A | | | | | | | | | | | | | | | | | | Submit/Approve SBD Goals and Request 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 (71) | | | | | | | | | | | | | | | | | | | |
| CT14071 | Procurement - 4.09 (71) | 97 | 22-May-17 A | 08-Sep-17 | | | | | | | | | | | | | | | | | | Procurement - 4.09 (71) | | | | | | | | | | | | | | | | | | | |
| CT37240 | Final Approvals - 4.09 (71) | 30 | 10-Aug-17 | 08-Sep-17 | | | | | | | | | | | | | | | | | | Final Approvals - 4.09 (71) | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 300 | | | | | 09-Sep-17 | | | | 05-Jul-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT37250 | Contractor Notice to Proceed (NTP) - 4.09 (71) | 0 | 09-Sep-17 | | | | | | | | | | | | | | | | | | | Contractor Notice to Proceed (NTP) - 4.09 (71) | | | | | | | | | | | | | | | | | | | |

Table with columns for Activity ID, Activity Name, Original Duration, Start, Finish, and quarterly breakdowns for years 2016 through 2024. Includes project phases like Construction, Procurement, Design, and Permitting for various infrastructure tasks.

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 - 2024 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|--------------------|--------------------|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|
| | | | | | 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 | | |
| CT80100 | Bid Solicitation Period - 4.10 (3) | 35 | 24-Jan-17 A | 27-Feb-17 A | [Gantt bars and dependencies for 2017 Q1-2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80110 | Bids Due - 4.10 (3) | 0 | 28-Feb-17 A | | [Gantt bars and dependencies for 2017 Q2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80120 | Bid Review Period - 4.10 (3) | 22 | 28-Feb-17 A | 21-Mar-17 A | [Gantt bars and dependencies for 2017 Q2-3] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80130 | Award Recommendation - 4.10 (3) | 0 | | 21-Mar-17 A | [Gantt bars and dependencies for 2017 Q3] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT50030 | Procurement - 4.10 (3) | 187 | 28-Nov-16 A | 13-Jul-17 | [Gantt bars and dependencies for 2017 Q4-2018 Q2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80140 | Final Approvals (BCC, Mayor, Risk Mgmt.) - 4.10 (3) | 73 | 22-Mar-17 A | 13-Jul-17 | [Gantt bars and dependencies for 2018 Q1-2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80500 | P.O. Issued - 4.10 (3) | 0 | | 13-Jul-17 | [Gantt bars and dependencies for 2018 Q2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4.10 (4) Opa-Locka Airport Concessions Project | | 1700 | 12-Oct-16 A | 07-Jun-21 | [Summary bar for 4.10 (4) Opa-Locka Airport Concessions Project] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 277 | 12-Oct-16 A | 13-Jul-17 | [Summary bar for Pre-Design phase] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80000 | Pre-Design - 4.10 (4) | 277 | 12-Oct-16 A | 13-Jul-17 | [Gantt bars and dependencies for 2017 Q4-2018 Q1] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 150 | 14-Jul-17 | 10-Dec-17 | [Summary bar for Engineering Design phase] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80010 | Engineering Design - 4.10 (4) | 150 | 14-Jul-17 | 10-Dec-17 | [Gantt bars and dependencies for 2018 Q1-2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 365 | 11-Dec-17 | 10-Dec-18 | [Summary bar for Permitting phase] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80020 | Permitting - 4.10 (4) | 365 | 11-Dec-17 | 10-Dec-18 | [Gantt bars and dependencies for 2018 Q2-2019 Q4] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 270 | 11-Dec-18 | 06-Sep-19 | [Summary bar for Procurement phase] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80030 | Procurement - 4.10 (4) | 270 | 11-Dec-18 | 06-Sep-19 | [Gantt bars and dependencies for 2019 Q1-2020 Q1] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 640 | 07-Sep-19 | 07-Jun-21 | [Summary bar for Construction phase] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80040 | Construction - 4.10 (4) | 550 | 07-Sep-19 | 09-Mar-21 | [Gantt bars and dependencies for 2020 Q2-2021 Q4] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80050 | Substantial Completion (Not Consent Decree) - 4.10 (4) | 0 | | 09-Mar-21 | [Gantt bars and dependencies for 2021 Q1] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CT80060 | Project Closeout - 4.10 (4) | 90 | 10-Mar-21 | 07-Jun-21 | [Gantt bars and dependencies for 2021 Q2-2022 Q1] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Sewer Pump Station System | | 3286 | 12-Dec-10 A | 26-Sep-19 | [Summary bar for 5. Sewer Pump Station System] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.01 Upgrade of PS#0418 | | 1850 | 01-Nov-13 A | 24-Nov-18 | [Summary bar for 5.01 Upgrade of PS#0418] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 217 | 01-Nov-13 A | 06-Jun-14 A | [Summary bar for Engineering Design phase] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51540 | EPA Start Date for Engineering Design - Upgrade PS#0418 | 0 | 01-Nov-13 A | | [Gantt bars and dependencies for 2013 Q4] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10040 | Engineering Design - Upgrade PS#0418 | 192 | 01-Nov-13 A | 12-May-14 A | [Gantt bars and dependencies for 2014 Q1-2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50820 | EPA Compliance Date for Engineering Design - Upgrade PS#0418 | 0 | | 06-Jun-14 A | [Gantt bars and dependencies for 2014 Q2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 395 | 14-Jul-14 A | 13-Aug-15 A | [Summary bar for Permitting phase] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51550 | EPA Start Date for Permitting - Upgrade PS#0418** | 0 | 14-Jul-14 A | | [Gantt bars and dependencies for 2014 Q3] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50830 | EPA Compliance Date for Permitting - Upgrade PS#0418** | 0 | | 17-Jun-15 A | [Gantt bars and dependencies for 2015 Q1] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10190 | Permitting - Upgrade PS#0418 | 389 | 21-Jul-14 A | 13-Aug-15 A | [Gantt bars and dependencies for 2015 Q1-2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 364 | 07-Jun-15 A | 05-Jun-16 A | [Summary bar for Procurement phase] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51560 | EPA Start Date for Procurement - Upgrade PS#0418** | 0 | 07-Jun-15 A | | [Gantt bars and dependencies for 2015 Q2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32740 | Design Documents Sent to Procurement | 0 | 18-Sep-15 A | | [Gantt bars and dependencies for 2015 Q3] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32750 | Submit/Approve SBD Goals and Request to Advertise - Upgrade PS#0418 | 42 | 18-Sep-15 A | 29-Oct-15 A | [Gantt bars and dependencies for 2015 Q3-4] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32770 | Advertise Bid Package - Upgrade PS#0418 | 0 | 30-Oct-15 A | | [Gantt bars and dependencies for 2015 Q4] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32780 | Bid Solicitation Period - Upgrade PS#0418 | 50 | 30-Oct-15 A | 18-Dec-15 A | [Gantt bars and dependencies for 2016 Q1] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32790 | Bids Due - Upgrade PS#0418 | 0 | 18-Dec-15 A | | [Gantt bars and dependencies for 2016 Q1] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32800 | Bid Review Period - Upgrade PS#0418 | 98 | 19-Dec-15 A | 25-Mar-16 A | [Gantt bars and dependencies for 2016 Q1-2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32810 | Award Recommendation - Upgrade PS#0418 | 0 | | 25-Mar-16 A | [Gantt bars and dependencies for 2016 Q2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10360 | Procurement - Upgrade PS#0418 | 289 | 13-Aug-15 A | 27-May-16 A | [Gantt bars and dependencies for 2016 Q2-2017 Q1] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32820 | Final Approvals (BCC, Mayor, Risk Mgmt.) - Upgrade PS#0418 | 63 | 26-Mar-16 A | 27-May-16 A | [Gantt bars and dependencies for 2017 Q1] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50840 | EPA Compliance Date for Procurement - Upgrade PS#0418 | 0 | | 05-Jun-16 A | [Gantt bars and dependencies for 2017 Q1] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 911 | 28-May-16 A | 24-Nov-18 | [Summary bar for Construction phase] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32830 | Contractor Notice to Proceed (NTP) - Upgrade PS#0418 | 0 | 28-May-16 A | | [Gantt bars and dependencies for 2017 Q2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51570 | EPA Start Date for Construction - Upgrade PS#0418 | 0 | 06-Jun-16 A | | [Gantt bars and dependencies for 2017 Q2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS11111 | City of Hialeah Completes Reroute of Gravity Mains from PS#418 to PS#200 | 0 | | 17-Nov-16 A | [Gantt bars and dependencies for 2017 Q4] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10550 | Construction - Upgrade PS#0418 | 724 | 28-May-16 A | 21-May-18 | [Gantt bars and dependencies for 2018 Q1-2019 Q4] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10830 | Substantial Completion (CD Compliance Date 11/24/18) - Upgrade PS#0418 | 0 | | 21-May-18* | [Gantt bars and dependencies for 2019 Q2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS40770 | Project Closeout - Upgrade PS#0418 | 40 | 22-May-18 | 30-Jun-18* | [Gantt bars and dependencies for 2019 Q2-2020 Q1] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50850 | EPA Compliance Date for Construction - Upgrade PS#0418 | 0 | | 24-Nov-18* | [Gantt bars and dependencies for 2019 Q4] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | 1703 | 01-Nov-13 A | 30-Jun-18 | [Summary bar for Project Administration phase] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS35360 | WASD Project Administration - Upgrade PS#0418 | 1703 | 01-Nov-13 A | 30-Jun-18 | [Gantt bars and dependencies for 2013 Q4-2018 Q2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.02 Upgrade of PS#0691 | | 1638 | 04-Aug-14 A | 27-Jan-19 | [Summary bar for 5.02 Upgrade of PS#0691] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 112 | 04-Aug-14 A | 24-Nov-14 A | [Summary bar for Pre-Design phase] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20010 | Pre-Design - Upgrade PS#0691 | 113 | 04-Aug-14 A | 24-Nov-14 A | [Gantt bars and dependencies for 2014 Q3-2015 Q1] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 703 | 07-Oct-14 A | 09-Sep-16 A | [Summary bar for Engineering Design phase] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51580 | EPA Start Date for Engineering Design - Upgrade PS#0691** | 0 | 07-Oct-14 A | | [Gantt bars and dependencies for 2014 Q4] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10120 | Engineering Design - Upgrade PS#0691 | 126 | 26-Nov-14 A | 31-Mar-15 A | [Gantt bars and dependencies for 2015 Q1-2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS31230 | Design (City of Homestead) - Upgrade PS#0691 | 86 | 05-Jan-15 A | 31-Mar-15 A | [Gantt bars and dependencies for 2015 Q1] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20000 | Basis of Design Report (BODR) - Upgrade PS#0691 | 178 | 26-Nov-14 A | 22-May-15 A | [Gantt bars and dependencies for 2015 Q1-2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS31180 | BODR Review Period - Upgrade PS#0691 | 26 | 25-May-15 A | 19-Jun-15 A | [Gantt bars and dependencies for 2015 Q2] | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | |
|---|---|-------------------|-------------|-------------|---|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
| | | | | | 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 |
| PS50860 | EPA Compliance Date for Engineering Design - Upgrade PS#0691** | 0 | | 09-Sep-16 A | ◆ EPA Compliance Date for Engineering Design - Upgrade PS#0691** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 941 | 10-Aug-14 A | 08-Mar-17 A | ◆ EPA Compliance Date for Engineering Design - Upgrade PS#0691** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51590 | EPA Start Date for Permitting - Upgrade PS#0691** | 0 | 10-Aug-14 A | | ◆ EPA Start Date for Permitting - Upgrade PS#0691** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10280 | Permitting (City of Homestead) - Upgrade PS#0691 | 121 | 01-Apr-15 A | 30-Jul-15 A | ◆ EPA Compliance Date for Permitting - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50870 | EPA Compliance Date for Permitting - Upgrade PS#0691 | 0 | | 08-Mar-17 A | ◆ EPA Compliance Date for Permitting - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 857 | 31-Jul-15 A | 03-Dec-17 | ◆ EPA Compliance Date for Permitting - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10450 | Procurement (City of Homestead) - Upgrade PS#0691 | 169 | 31-Jul-15 A | 15-Jan-16 A | ◆ EPA Start Date for Procurement - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51600 | EPA Start Date for Procurement - Upgrade PS#0691 | 0 | 09-Mar-17 A | | ◆ EPA Start Date for Procurement - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50880 | EPA Compliance Date for Procurement - Upgrade PS#0691 | 0 | | 03-Dec-17* | ◆ EPA Compliance Date for Procurement - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 742 | 03-Jan-17 A | 27-Jan-19 | ◆ EPA Compliance Date for Procurement - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32930 | Contractor Notice to Proceed (NTP) - Upgrade PS#0691 | 0 | 03-Jan-17 A | | ◆ Contractor Notice to Proceed (NTP) - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51610 | EPA Start Date for Construction - Upgrade PS#0691 | 0 | 04-Dec-17* | | ◆ EPA Start Date for Construction - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10650 | Construction (City of Homestead) - Upgrade PS#0691 | 381 | 03-Jan-17 A | 31-Jan-18 | ◆ EPA Start Date for Construction - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10850 | Substantial Completion (CD Compliance Date 1/27/19) - Upgrade PS#0691 | 0 | | 31-Jan-18* | ◆ Substantial Completion (CD Compliance Date 1/27/19) - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS40780 | Project Closeout - Upgrade PS#0691 | 90 | 01-Feb-18 | 01-May-18* | ◆ Project Closeout - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50890 | EPA Compliance Date for Construction - Upgrade PS#0691 | 0 | | 27-Jan-19* | ◆ EPA Compliance Date for Construction - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | 1253 | 26-Nov-14 A | 01-May-18 | ◆ EPA Compliance Date for Construction - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS35350 | WASD Project Administration - Upgrade PS#0691 | 1253 | 26-Nov-14 A | 01-May-18 | ◆ EPA Compliance Date for Construction - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.03 Upgrade of PS#0692 | | 1721 | 04-Aug-14 A | 20-Apr-19 | ◆ EPA Compliance Date for Construction - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 112 | 04-Aug-14 A | 24-Nov-14 A | ◆ EPA Compliance Date for Construction - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20080 | Pre-Design - Upgrade PS#0692 | 113 | 04-Aug-14 A | 24-Nov-14 A | ◆ EPA Compliance Date for Construction - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 713 | 26-Nov-14 A | 08-Nov-16 A | ◆ EPA Compliance Date for Construction - Upgrade PS#0691 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51620 | EPA Start Date for Engineering Design - Upgrade PS#0692 | 0 | 07-Dec-14 A | | ◆ EPA Start Date for Engineering Design - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50900 | EPA Compliance Date for Engineering Design - Upgrade PS#0692** | 0 | | 15-May-15 A | ◆ EPA Compliance Date for Engineering Design - Upgrade PS#0692** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20090 | Basis of Design Report (BODR) - Upgrade PS#0692 | 248 | 26-Nov-14 A | 31-Jul-15 A | ◆ Basis of Design Report (BODR) - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20120 | BODR Review Period - Upgrade PS#0692 | 68 | 03-Aug-15 A | 09-Oct-15 A | ◆ BODR Review Period - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS31370 | Negotiate Scope & Fee of Remaining Design - Upgrade PS#0692 | 277 | 21-Aug-15 A | 23-May-16 A | ◆ Negotiate Scope & Fee of Remaining Design - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32110 | 60% Design Submittal - Upgrade PS#0692 | 99 | 24-May-16 A | 30-Aug-16 A | ◆ 60% Design Submittal - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32120 | 60% Design Review - Upgrade PS#0692 | 7 | 31-Aug-16 A | 06-Sep-16 A | ◆ 60% Design Review - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10140 | Engineering Design - Upgrade PS#0692 | 714 | 26-Nov-14 A | 08-Nov-16 A | ◆ Engineering Design - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20150 | 100% Design Submittal - Upgrade PS#0692 | 63 | 07-Sep-16 A | 08-Nov-16 A | ◆ 100% Design Submittal - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 1117 | 10-Aug-14 A | 30-Aug-17 | ◆ EPA Compliance Date for Permitting - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51630 | EPA Start Date for Permitting - Upgrade PS#0692** | 0 | 10-Aug-14 A | | ◆ EPA Start Date for Permitting - Upgrade PS#0692** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50700 | RER/DERM Permit - Upgrade PS#0692 | 191 | 08-Nov-16 A | 17-May-17 A | ◆ RER/DERM Permit - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10300 | Permitting - Upgrade PS#0692 | 251 | 08-Nov-16 A | 15-Aug-17 | ◆ Permitting - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72000 | Building Dept Permit - Upgrade PS#0692 | 61 | 17-May-17 A | 15-Aug-17 | ◆ Building Dept Permit - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50910 | EPA Compliance Date for Permitting - Upgrade PS#0692 | 0 | | 30-Aug-17* | ◆ EPA Compliance Date for Permitting - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 397 | 14-Feb-17 A | 17-Mar-18 | ◆ EPA Compliance Date for Permitting - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71930 | GMOU Submittal and Approval - Upgrade PS#0692 | 20 | 14-Feb-17 A | 05-Mar-17 A | ◆ GMOU Submittal and Approval - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS41080 | Pre-Purchase Bid Package (Pumps & Valves) - PS#0692 | 9 | 23-Mar-17 A | 31-Mar-17 A | ◆ Pre-Purchase Bid Package (Pumps & Valves) - PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS41090 | Advertise Pre-Purchase (Pumps & Valves) - PS#0692 | 0 | 03-Apr-17 A | | ◆ Advertise Pre-Purchase (Pumps & Valves) - PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS41100 | Vendor Bid & Award (Pumps & Valves) - PS#0692 | 18 | 03-Apr-17 A | 20-Apr-17 A | ◆ Vendor Bid & Award (Pumps & Valves) - PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71850 | Internal Bid Package Review - Upgrade PS#0692 | 3 | 17-Jul-17* | 19-Jul-17 | ◆ Internal Bid Package Review - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32940 | Design Documents Sent to Procurement - Upgrade PS#0692 | 0 | 20-Jul-17 | | ◆ Design Documents Sent to Procurement - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51640 | EPA Start Date for Procurement - Upgrade PS#0692 | 0 | 01-Sep-17* | | ◆ EPA Start Date for Procurement - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32950 | Submit/Approve SBD Goals and Request to Advertise - Upgrade PS#0692 | 45 | 20-Jul-17 | 02-Sep-17 | ◆ Submit/Approve SBD Goals and Request to Advertise - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32960 | Advertise Bid Package - Upgrade PS#0692 | 0 | 03-Sep-17 | | ◆ Advertise Bid Package - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50920 | EPA Compliance Date for Procurement - Upgrade PS#0692 | 0 | | 05-Oct-17* | ◆ EPA Compliance Date for Procurement - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32970 | Bid Solicitation Period - Upgrade PS#0692 | 45 | 03-Sep-17 | 17-Oct-17 | ◆ Bid Solicitation Period - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32980 | Bids Due - Upgrade PS#0692 | 0 | 18-Oct-17 | | ◆ Bids Due - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32990 | Bid Review Period - Upgrade PS#0692 | 30 | 18-Oct-17 | 16-Nov-17 | ◆ Bid Review Period - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33000 | Award Recommendation - Upgrade PS#0692 | 0 | | 16-Nov-17 | ◆ Award Recommendation - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10470 | Procurement - Upgrade PS#0692 | 150 | 20-Jul-17 | 16-Dec-17 | ◆ Procurement - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33010 | Final Approvals (BCC, Mayor, Risk Mgmt.) - Upgrade PS#0692 | 30 | 17-Nov-17 | 16-Dec-17 | ◆ Final Approvals (BCC, Mayor, Risk Mgmt.) - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS41070 | Pre-Purchase Pumps & Valves - PS#0692 | 360 | 23-Mar-17 A | 17-Mar-18 | ◆ Pre-Purchase Pumps & Valves - PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS41110 | Fabricate & Deliver Pumps & Valves - PS#0692 | 331 | 21-Apr-17 A | 17-Mar-18 | ◆ Fabricate & Deliver Pumps & Valves - PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 562 | 06-Oct-17 | 20-Apr-19 | ◆ EPA Compliance Date for Permitting - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51650 | EPA Start Date for Construction - Upgrade PS#0692 | 0 | 06-Oct-17* | | ◆ EPA Start Date for Construction - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33020 | Contractor Notice to Proceed (NTP) - Upgrade PS#0692 | 0 | 17-Dec-17 | | ◆ Contractor Notice to Proceed (NTP) - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10670 | Construction - Upgrade PS#0692 | 400 | 17-Dec-17 | 20-Jan-19 | ◆ Construction - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10860 | Substantial Completion (CD Compliance Date 1/27/19) - Upgrade PS#0692 | 0 | | 20-Jan-19* | ◆ Substantial Completion (CD Compliance Date 1/27/19) - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50930 | EPA Compliance Date for Construction - Upgrade PS#0692 | 0 | | 27-Jan-19* | ◆ EPA Compliance Date for Construction - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS40790 | Project Closeout - Upgrade PS#0692 | 90 | 21-Jan-19 | 20-Apr-19* | ◆ Project Closeout - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | 1590 | 26-Nov-14 A | 20-Apr-19 | ◆ EPA Compliance Date for Construction - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS35340 | WASD Project Administration - Upgrade PS#0692 | 1590 | 26-Nov-14 A | 20-Apr-19 | ◆ EPA Compliance Date for Construction - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.04 Replacement of Switchgear PS#0414 | | 1411 | 07-Oct-14 A | 02-Aug-18 | ◆ EPA Compliance Date for Construction - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 112 | 17-Oct-14 A | 06-Feb-15 A | ◆ EPA Compliance Date for Construction - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20240 | Pre-Design - PS#0414 | 113 | 17-Oct-14 A | 06-Feb-15 A | ◆ EPA Compliance Date for Construction - Upgrade PS#0692 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | |
|---|--|-------------------|-------------|-------------|---|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
| | | | | | 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 |
| Engineering Design | | | | | 30-Mar-16 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51660 | EPA Start Date for Engineering Design - PS#0414** | 0 | 07-Oct-14 A | 30-Mar-16 A | g Design - PS#0414** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50940 | EPA Compliance Date for Engineering Design - PS#0414** | 0 | 07-Oct-14 A | 13-May-15 A | ce Date for Engineering Design - PS#0414** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20001 | Basis of Design Report (BODR) - PS#0414 | 114 | 09-Feb-15 A | 02-Jun-15 A | ign Report (BODR) - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20011 | BODR Review Period - PS#0414 | 34 | 03-Jun-15 A | 06-Jul-15 A | iew Period - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS31250 | Negotiate Scope & Fee of Remaining Design - PS#0414 | 153 | 08-Jul-15 A | 07-Dec-15 A | Negotiate Scope & Fee of Remaining Design - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20021 | 30% Design Submittal - PS#0414 | 74 | 29-Sep-15 A | 11-Dec-15 A | 30% Design Submittal - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20031 | 30% Design Review - PS#0414 | 12 | 12-Dec-15 A | 23-Dec-15 A | 30% Design Review - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20041 | 60% Design Submittal - PS#0414 | 47 | 24-Dec-15 A | 08-Feb-16 A | 60% Design Submittal - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20051 | 60% Design Review - PS#0414 | 22 | 08-Feb-16 A | 29-Feb-16 A | 60% Design Review - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10100 | Engineering Design - PS#0414 | 416 | 09-Feb-15 A | 30-Mar-16 A | Engineering Design - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20061 | 100% Design Submittal - PS#0414 | 45 | 15-Feb-16 A | 30-Mar-16 A | 100% Design Submittal - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 15-Jul-17, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51670 | EPA Start Date for Permitting - PS#0414** | 0 | 14-May-15 A | 15-Jul-17 | for Permitting - PS#0414** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50370 | DERM Permit Submittal - PS#0414 | 0 | 25-May-16 A | | DERM Permit Submittal - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50390 | Dem Permit Submittal Review - PS#0414 | 16 | 25-May-16 A | 09-Jun-16 A | Dem 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#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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/E Prepares/Submits Responses to Municipality Bldg. 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* | EPA Compliance Date for Permitting - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 15-Aug-17, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51680 | EPA Start Date for Procurement - PS#0414** | 0 | 08-Jun-15 A | 15-Aug-17 | ate for Procurement - PS#0414** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32290 | Design Documents Sent to Procurement - PS#0414 | 0 | 15-Nov-16 A | | Design Documents Sent to Procurement - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32300 | Submit/Approve SBD Goals and Request to Advertise - PS#0414 | 127 | 15-Nov-16 A | 21-Mar-17 A | Submit/Approve SBD Goals and Request to Advertise - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32310 | Advertise Bid Package - PS#0414 | 0 | 22-Mar-17 A | | Advertise Bid Package - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32320 | Bid Solicitation Period - PS#0414 | 36 | 22-Mar-17 A | 26-Apr-17 A | Bid Solicitation Period - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32330 | Bids Due - PS#0414 | 0 | 27-Apr-17 A | | Bids Due - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32340 | Bid Review Period - PS#0414 | 58 | 27-Apr-17 A | 07-Jul-17 | Bid Review Period - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32350 | Award Recommendation - PS#0414 | 0 | | 07-Jul-17 | 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* | EPA Compliance Date for Procurement - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 02-Aug-18, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32370 | Contractor Notice to Proceed (NTP) - PS#0414 | 0 | 08-Aug-17 | 02-Aug-18 | Contractor Notice to Proceed (NTP) - PS#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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 02-Aug-18, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS35330 | WASD Project Administration - PS#0414 | 1286 | 09-Feb-15 A | 02-Aug-18 | WASD Project Administration - PS#0414 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.05 Replacement of Switchgear and Rehabilitation of Wetwell PS#0415 | | | | | 27-Jan-19, 5.05 Replacement of Switchgear and Rehabilitation of Wetwell PS#0415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 30-May-16 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20250 | Pre-Design - PS#0415 | 133 | 26-Sep-14 A | 06-Feb-15 A | Pre-Design - PS#0415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 30-May-16 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51700 | EPA Start Date for Engineering Design - PS#0415** | 0 | 07-Oct-14 A | 30-May-16 A | g Design - PS#0415** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20002 | Basis of Design Report (BODR) - PS#0415 | 127 | 09-Feb-15 A | 15-Jun-15 A | ign Report (BODR) - PS#0415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20012 | BODR Review Period - PS#0415 | 120 | 16-Jun-15 A | 13-Oct-15 A | DR Review Period - PS#0415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS31260 | Negotiate Scope & Fee of Remaining Design - PS#0415 | 134 | 27-Jul-15 A | 07-Dec-15 A | Negotiate Scope & Fee of Remaining Design - PS#0415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20022 | 30% Design Submittal - PS#0415 | 76 | 14-Oct-15 A | 28-Dec-15 A | 30% Design Submittal - PS#0415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20032 | 30% Design Review - PS#0415 | 14 | 29-Dec-15 A | 11-Jan-16 A | 30% Design Review - PS#0415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20042 | 60% Design Submittal - PS#0415 | 46 | 12-Jan-16 A | 26-Feb-16 A | 60% Design Submittal - PS#0415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20052 | 60% Design Review - PS#0415 | 14 | 27-Feb-16 A | 11-Mar-16 A | 60% Design Review - PS#0415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50980 | EPA Compliance Date for Engineering Design - PS#0415** | 0 | | 24-Apr-16 A | EPA Compliance Date for Engineering Design - PS#0415** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10110 | Engineering Design - PS#0415 | 477 | 09-Feb-15 A | 30-May-16 A | Engineering Design - PS#0415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20062 | 100% Design Submittal - PS#0415 | 80 | 12-Mar-16 A | 30-May-16 A | 100% Design Submittal - PS#0415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 30-Aug-17, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51710 | EPA Start Date for Permitting - PS#0415** | 0 | 10-Aug-14 A | 30-Aug-17 | #0415** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50250 | DERM Permit Submittal - PS#0415 | 0 | 31-May-16 A | | DERM Permit Submittal - PS#0415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50270 | Dem Permit Submittal Review - PS#0415 | 62 | 01-Jun-16 A | 01-Aug-16 A | 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 | A/E Prepares/Submits Responses to DERM Permit Submittal - PS#0415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50260 | Municipality Bldg. Dept. Submittal - PS#0415 | 0 | 28-Sep-16 A | | Municipality Bldg. Dept. Submittal - PS#0415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50330 | DERM Permit Approval - PS#0415 | 104 | 02-Sep-16 A | 14-Dec-16 A | DERM Permit Approval - PS#0415 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | |
|--|--|-------------------|-------------|-------------|------|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|--|
| | | | | | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51830 | EPA Start Date for Permitting - PS#0107** | 0 | 10-Aug-14 A | 08-Mar-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10310 | Permitting - PS#0107 | 164 | 13-Oct-15 A | 24-Mar-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51110 | EPA Compliance Date for Permitting - PS#0107 | 0 | | 08-Mar-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33030 | Design Documents Sent to Procurement - PS#0107 | 0 | 12-Apr-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33040 | Submit/Approve SBD Goals and Request to Advertise - PS#0107 | 13 | 12-Apr-16 A | 24-Apr-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33050 | Advertise Bid Package - PS#0107 | 0 | 25-Apr-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33080 | Bid Review Period - PS#0107 | 15 | 07-Jun-16 A | 21-Jun-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33090 | Award Recommendation - PS#0107 | 0 | | 29-Jul-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10480 | Procurement - PS#0107 | 174 | 24-Mar-16 A | 13-Sep-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33100 | Final Approvals (BCC, Mayor, Risk Mgmt.) - PS#0107 | 46 | 30-Jul-16 A | 13-Sep-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51530 | P.O. Issued - PS#0107 | 0 | | 13-Sep-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33110 | Contractor Notice to Proceed (NTP) - PS#0107 | 0 | 03-Nov-16 A | 27-Jan-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10680 | Construction - PS#0107 | 301 | 03-Nov-16 A | 30-Aug-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10890 | Substantial Completion (CD Compliance Date 1/27/19) - PS#0107 | 0 | | 30-Aug-17* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS40830 | Project Closeout - PS#0107 | 90 | 31-Aug-17 | 28-Nov-17* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51850 | EPA Start Date for Construction - PS#0107 | 0 | 04-Dec-17* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51130 | EPA Compliance Date for Construction - PS#0107 | 0 | | 27-Jan-19* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS35290 | WASD Project Administration - PS#0107 | 904 | 09-Jun-15 A | 28-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.09 Replacement of Pumping and Electrical Equipment at PS#0301 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20280 | Pre-Design - PS#0301 Phase I | 73 | 08-Sep-14 A | 20-Nov-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51860 | EPA Start Date for Engineering Design - PS#0301** | 0 | 07-Oct-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS30810 | Basis of Design Report (BODR) - PS#0301 Phase I | 151 | 24-Nov-14 A | 23-Apr-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS30830 | 30% Design Submittal - PS#0301 Phase I | 92 | 23-Jul-15 A | 22-Oct-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS30840 | 30% Design Review - PS#0301 Phase I | 8 | 23-Oct-15 A | 30-Oct-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS30870 | 100% Design Submittal - PS#0301 Phase I | 120 | 26-Jan-16 A | 24-May-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51870 | EPA Start Date for Permitting - PS#0301** | 0 | 14-May-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51270 | EPA Compliance Date for Permitting - PS#0301** | 0 | | 12-May-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS41590 | DERM Permit Submittal - PS#0301 Phase I | 0 | 23-May-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS41600 | Derm Permit Submittal Review - PS#0301 Phase I | 19 | 23-May-16 A | 10-Jun-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS41610 | A/E Prepares/Submits Responses to DERM Permit Submittal - PS#0301 Phase I | 83 | 11-Jun-16 A | 01-Sep-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS41630 | Municipality Bldg. Dept. Submittal - PS#0301 Phase I | 0 | 29-Sep-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS41650 | A/E Prepares/Submits Responses to Municipality Bldg. Dept. Submittal - PS#0301 Phase I | 1 | 30-Nov-16 A | 30-Nov-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51880 | EPA Start Date for Procurement - PS#0301** | 0 | 08-Jun-15 A | 30-Aug-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32650 | Design Documents Sent to Procurement - PS#0301 Phase I | 0 | 08-Dec-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32680 | Bid Solicitation Period - PS#0301 Phase I | 35 | 23-Mar-17 A | 26-Apr-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32690 | Bids Due - PS#0301 Phase I | 0 | 27-Apr-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32700 | Bid Review Period - PS#0301 Phase I | 61 | 27-Apr-17 A | 07-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32710 | Award Recommendation - PS#0301 Phase I | 0 | | 07-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72600 | Procurement - PS#0301 Phase I | 229 | 08-Dec-16 A | 07-Aug-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32720 | Final Approvals (BCC, Mayor, Risk Mgmt.) - PS#0301 Phase I | 31 | 08-Jul-17 | 07-Aug-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51280 | EPA Compliance Date for Procurement - PS#0301 | 0 | | 30-Aug-17* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS32730 | Contractor Notice to Proceed (NTP) - PS#0301 Phase I | 0 | 08-Aug-17 | 26-Sep-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| WASD Consent Decree Schedule - June 2017 Update | | Standard Layout w Baseline (By Phase) | | | | | | | | | | | | 14-Jul-17 12:24 - Page No. 68 of 80 | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---------------------------------------|--------------------|--------------------|------|----|----|----|------|----|----|----|------|-------------------------------------|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | |
| | | | | | 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 |
| PS30340 | 5.13 (12) Construction - Refurbish PS#0516 Emergency Generator & Controls | 269 | 12-May-15 A | 04-Feb-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10630 | Substantial Completion (CD Compliance Date 7/20/16) - Refurbish Emer Gen Controls at Pumpstations | 0 | | 04-Feb-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51330 | EPA Compliance Date for Construction - Refurbish Emer Gen Controls at Pumpstations | 0 | | 20-Jul-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.14 Upgrade of PS#0086, 0492 | | 652 | 19-Mar-12 A | 31-Dec-13 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 383 | 19-Mar-12 A | 06-Apr-13 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 06-Apr-13 A | 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51350 | EPA Compliance Date for Construction - Upgrade PS#0086, 0492 | 0 | | 31-Dec-13 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.15 Upgrade of PS#0065, 0201, 0334, 0374, 0607 | | 2458 | 12-Dec-10 A | 03-Sep-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 1496 | 12-Dec-10 A | 16-Jan-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71670 | EPA Start Date for Engineering Design - Upgrade PS#0065, 0201, 0334, 0374, 0607 | 0 | 01-Jan-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51360 | EPA Compliance Date for Engineering Design - Upgrade PS#0065, 0201, 0334, 0374, 0607** | 0 | | 09-Jan-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10170 | Engineering Design - Upgrade PS#0065, 0201, 0334, 0374, 0607 | 1497 | 12-Dec-10 A | 16-Jan-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 1579 | 12-Dec-10 A | 09-Apr-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71680 | EPA Start Date for Permitting - Upgrade PS#0065, 0201, 0334, 0374, 0607 | 0 | 10-Jan-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10260 | Permitting - Upgrade PS#0065, 0201, 0334, 0374, 0607 | 1528 | 12-Dec-10 A | 16-Feb-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51370 | EPA Compliance Date for Permitting - Upgrade PS#0065, 0201, 0334, 0374, 0607 | 0 | | 09-Apr-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 1625 | 12-Dec-10 A | 25-May-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71690 | EPA Start Date for Procurement - Upgrade PS#0065, 0201, 0334, 0374, 0607 | 0 | 08-Oct-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51380 | EPA Compliance Date for Procurement - Upgrade PS#0065, 0201, 0334, 0374, 0607** | 0 | | 06-Apr-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10320 | Procurement - Upgrade PS#0065, 0201, 0334, 0374, 0607 | 1626 | 12-Dec-10 A | 25-May-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 1845 | 12-Dec-10 A | 31-Dec-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71700 | EPA Start Date for Construction - Upgrade PS#0065, 0201, 0334, 0374, 0607 | 0 | 06-Apr-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10350 | Construction - Upgrade PS#0065, 0201, 0334, 0374, 0607 | 1845 | 12-Dec-10 A | 30-Dec-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10500 | Substantial Completion (CD Compliance Date 12/31/15) - Upgrade PS#0065, 0201, 0334, 0374, 0607 | 0 | | 30-Dec-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51390 | EPA Compliance Date for Construction - Upgrade PS#0065, 0201, 0334, 0374, 0607 | 0 | | 31-Dec-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.15 (1) Pump Station 0065 Compliance Project | | 508 | 01-Aug-14 A | 22-Dec-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 87 | 01-Aug-14 A | 26-Oct-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20490 | Pre-Design - PS#0065 Compliance Project | 87 | 01-Aug-14 A | 26-Oct-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 81 | 27-Oct-14 A | 16-Jan-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12002 | Engineering Design - PS#0065 Compliance Project | 82 | 27-Oct-14 A | 16-Jan-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 28 | 19-Jan-15 A | 16-Feb-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12012 | Permitting - PS#0065 Compliance Project | 29 | 19-Jan-15 A | 16-Feb-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 63 | 23-Feb-15 A | 27-Apr-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12022 | Procurement - PS#0065 Compliance Project | 64 | 23-Feb-15 A | 27-Apr-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 225 | 11-May-15 A | 22-Dec-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12032 | Construction - PS#0065 Compliance Project | 226 | 11-May-15 A | 22-Dec-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12042 | Substantial Completion (CD Compliance Date 12/31/15) - PS#0065 Compliance Project | 0 | | 22-Dec-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.15 (1.1) FM for Pump Station 0065 Phase 1 | | 446 | 01-Aug-14 A | 21-Oct-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 87 | 01-Aug-14 A | 26-Oct-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS31110 | Pre-Design - FM for PS#0065 Phase 1 | 87 | 01-Aug-14 A | 26-Oct-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 81 | 27-Oct-14 A | 16-Jan-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS31060 | Engineering Design - FM for PS#0065 Phase 1 | 82 | 27-Oct-14 A | 16-Jan-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 28 | 19-Jan-15 A | 16-Feb-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS31070 | Permitting - FM for PS#0065 Phase 1 | 29 | 19-Jan-15 A | 16-Feb-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 91 | 23-Feb-15 A | 25-May-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS31080 | Procurement - FM for PS#0065 Phase 1 | 92 | 23-Feb-15 A | 25-May-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 148 | 26-May-15 A | 21-Oct-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS31090 | Construction - FM for PS#0065 Phase 1 | 149 | 26-May-15 A | 21-Oct-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS31100 | Substantial Completion (CD Compliance Date 12/31/15) - FM for PS#0065 Phase 1 | 0 | | 21-Oct-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.15 (1.2) FM for Pump Station 0065 Phase 2 (Non-Consent Decree) | | 1103 | 28-Aug-14 A | 03-Sep-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 425 | 28-Aug-14 A | 27-Oct-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72170 | Pre-Design - FM for PS#0065 Phase 2 (Non-Consent Decree) | 426 | 28-Aug-14 A | 27-Oct-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 216 | 28-Oct-15 A | 31-May-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72180 | Engineering Design - FM for PS#0065 Phase 2 (Non-Consent Decree) | 217 | 28-Oct-15 A | 31-May-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 77 | 01-Jun-16 A | 17-Aug-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72190 | Permitting - FM for PS#0065 Phase 2 (Non-Consent Decree) | 78 | 01-Jun-16 A | 17-Aug-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 199 | 19-Sep-16 A | 06-Apr-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72200 | Procurement - FM for PS#0065 Phase 2 (Non-Consent Decree) | 200 | 19-Sep-16 A | 06-Apr-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 150 | 07-Apr-17 A | 03-Sep-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72210 | Construction - FM for PS#0065 Phase 2 (Non-Consent Decree) | 150 | 07-Apr-17 A | 03-Sep-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72220 | Substantial Completion - FM for PS#0065 Phase 2 (Non-Consent Decree) | 0 | | 03-Sep-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.15 (2) Pump Station 0201 Compliance Project | | 976 | 01-Jan-13 A | 04-Sep-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 367 | 01-Jan-13 A | 03-Jan-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | |
|---------------------------|---|-------------------|-------------|-------------|---|---|-----|-------------|-------------|----------------------------|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
| | | | | | 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 |
| | | | | | PS12052 | Engineering Design - PS#0201 Compliance Project | 368 | 01-Jan-13 A | 03-Jan-14 A | PS#0201 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 172 | 06-Jan-14 A | 27-Jun-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12062 | Permitting - PS#0201 Compliance Project | 173 | 06-Jan-14 A | 27-Jun-14 A | PS#0201 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 262 | 30-Jun-14 A | 19-Mar-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12072 | Procurement - PS#0201 Compliance Project | 263 | 30-Jun-14 A | 19-Mar-15 A | PS#0201 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 168 | 20-Mar-15 A | 04-Sep-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12082 | Construction - PS#0201 Compliance Project | 169 | 20-Mar-15 A | 04-Sep-15 A | Construction - PS#0201 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12092 | Substantial Completion (CD Compliance Date 12/31/15) - PS#0201 Compliance Project | 0 | | 04-Sep-15 A | Substantial Completion (CD Compliance Date 12/31/15) - PS#0201 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5.15 (3) Pump Station 0334 Compliance Project | 1093 | 01-Jan-13 A | 30-Dec-15 A | 5.15 (3) Pump Station 0334 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | PS#0334 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 172 | 06-Jan-14 A | 27-Jun-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12112 | Permitting - PS#0334 Compliance Project | 173 | 06-Jan-14 A | 27-Jun-14 A | PS#0334 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 232 | 17-Jun-14 A | 04-Feb-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12122 | Procurement - PS#0334 Compliance Project | 233 | 17-Jun-14 A | 04-Feb-15 A | PS#0334 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 328 | 05-Feb-15 A | 30-Dec-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12132 | Construction - PS#0334 Compliance Project | 329 | 05-Feb-15 A | 30-Dec-15 A | Construction - PS#0334 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12142 | Substantial Completion (CD Compliance Date 12/31/15) - PS#0334 Compliance Project | 0 | | 30-Dec-15 A | Substantial Completion (CD Compliance Date 12/31/15) - PS#0334 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5.15 (3.1) FM for Pump Station 0334 | 846 | 01-Jan-13 A | 27-Apr-15 A | 5.15 (3.1) FM for Pump Station 0334 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 367 | 01-Jan-13 A | 03-Jan-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12152 | Engineering Design - FM for Pump Station 0334 | 368 | 01-Jan-13 A | 03-Jan-14 A | FM for Pump Station 0334 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 219 | 06-Jan-14 A | 13-Aug-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12162 | Permitting - FM for Pump Station 0334 | 220 | 06-Jan-14 A | 13-Aug-14 A | FM for Pump Station 0334 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 146 | 30-Jun-14 A | 23-Nov-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12172 | Procurement - FM for Pump Station 0334 | 147 | 30-Jun-14 A | 23-Nov-14 A | FM for Pump Station 0334 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 154 | 24-Nov-14 A | 27-Apr-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12182 | Construction - FM for Pump Station 0334 | 155 | 24-Nov-14 A | 27-Apr-15 A | Construction - FM for Pump Station 0334 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12192 | Substantial Completion (CD Compliance Date 12/31/15) - FM for Pump Station 0334 | 0 | | 27-Apr-15 A | Substantial Completion (CD Compliance Date 12/31/15) - FM for Pump Station 0334 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5.15 (4) Pump Station No. 0374 Upgrade | 1118 | 12-Dec-10 A | 03-Jan-14 A | 5.15 (4) Pump Station No. 0374 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 1118 | 12-Dec-10 A | 03-Jan-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12202 | Engineering Design - PS#0374 Upgrade | 1119 | 12-Dec-10 A | 03-Jan-14 A | PS#0374 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 1118 | 12-Dec-10 A | 03-Jan-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12212 | Permitting - PS#0374 Upgrade | 1119 | 12-Dec-10 A | 03-Jan-14 A | PS#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 | PS#0374 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 1118 | 12-Dec-10 A | 03-Jan-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12232 | Construction - PS#0374 Upgrade - Completed In-House | 1119 | 12-Dec-10 A | 03-Jan-14 A | Construction - PS#0374 Upgrade - Completed In-House | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12242 | Substantial Completion (CD Compliance Date 12/31/15) - PS#0374 Upgrade | 0 | | 03-Jan-14 A | Substantial Completion (CD Compliance Date 12/31/15) - PS#0374 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5.15 (4.1) Pump Station No. 0374 FM Installation | 1118 | 12-Dec-10 A | 03-Jan-14 A | 5.15 (4.1) Pump Station No. 0374 FM Installation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | PS#0374 FM Installation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 1118 | 12-Dec-10 A | 03-Jan-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12262 | Permitting - PS#0374 FM Installation | 1119 | 12-Dec-10 A | 03-Jan-14 A | PS#0374 FM Installation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 1118 | 12-Dec-10 A | 03-Jan-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12272 | Procurement - PS#0374 FM Installation | 1119 | 12-Dec-10 A | 03-Jan-14 A | PS#0374 FM Installation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 1118 | 12-Dec-10 A | 03-Jan-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12282 | Construction - PS#0374 FM Installation - Completed In-House | 1119 | 12-Dec-10 A | 03-Jan-14 A | Construction - PS#0374 FM Installation - Completed In-House | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12292 | Substantial Completion (CD Compliance Date 12/31/15) - PS#0374 FM Installation | 0 | | 03-Jan-14 A | Substantial Completion (CD Compliance Date 12/31/15) - PS#0374 FM Installation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5.15 (5) Pump Station 0607 Compliance Project | 1025 | 01-Jan-13 A | 23-Oct-15 A | 5.15 (5) Pump Station 0607 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 367 | 01-Jan-13 A | 03-Jan-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12302 | Engineering Design - PS#0607 Compliance Project | 368 | 01-Jan-13 A | 03-Jan-14 A | PS#0607 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 151 | 06-Jan-14 A | 06-Jun-14 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12312 | Permitting - PS#0607 Compliance Project | 152 | 06-Jan-14 A | 06-Jun-14 A | PS#0607 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 210 | 30-Jun-14 A | 26-Jan-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12322 | Procurement - PS#0607 Compliance Project | 211 | 30-Jun-14 A | 26-Jan-15 A | PS#0607 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 269 | 27-Jan-15 A | 23-Oct-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12332 | Construction - PS#0607 Compliance Project | 270 | 27-Jan-15 A | 23-Oct-15 A | Construction - PS#0607 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12342 | Substantial Completion (CD Compliance Date 12/31/15) - PS#0607 Compliance Project | 0 | | 23-Oct-15 A | Substantial Completion (CD Compliance Date 12/31/15) - PS#0607 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5.16 Upgrade of PS#0198, 0437, 0466, 0680 | 1091 | 03-Nov-14 A | 28-Oct-17 | 5.16 Upgrade of PS#0198, 0437, 0466, 0680 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 273 | 02-Jan-15 A | 02-Oct-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71710 | EPA Start Date for Engineering Design - Upgrade PS#0198, 0437, 0466, 0680** | 0 | 02-Jan-15 A | | Engineering Design - Upgrade PS#0198, 0437, 0466, 0680** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51400 | EPA Compliance Date for Engineering Design - Upgrade PS#0198, 0437, 0466, 0680** | 0 | | 06-Sep-15 A | Compliance Date for Engineering Design - Upgrade PS#0198, 0437, 0466, 0680** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10330 | Engineering Design - Upgrade PS#0198, 0437, 0466, 0680 | 155 | 01-May-15 A | 02-Oct-15 A | Engineering Design - Upgrade PS#0198, 0437, 0466, 0680 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 140 | 10-Aug-15 A | 28-Dec-15 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71720 | EPA Start Date for Permitting - Upgrade PS#0198, 0437, 0466, 0680 | 0 | 07-Sep-15 A | | Start Date for Permitting - Upgrade PS#0198, 0437, 0466, 0680 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51410 | EPA Compliance Date for Permitting - Upgrade PS#0198, 0437, 0466, 0680** | 0 | | 05-Dec-15 A | Compliance Date for Permitting - Upgrade PS#0198, 0437, 0466, 0680** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10430 | Permitting - Upgrade PS#0198, 0437, 0466, 0680 | 141 | 10-Aug-15 A | 28-Dec-15 A | Permitting - Upgrade PS#0198, 0437, 0466, 0680 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 229 | 04-Nov-15 A | 20-Jun-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71730 | EPA Start Date for Procurement - Upgrade PS#0198, 0437, 0466, 0680 | 0 | 06-Dec-15 A | | EPA Start Date for Procurement - Upgrade PS#0198, 0437, 0466, 0680 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | |
|--|--|-------------------|-------------|-------------|--|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
| | | | | | 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 |
| PS51420 | EPA Compliance Date for Procurement - Upgrade PS#0198, 0437, 0466, 0680** | 0 | | 02-Jun-16 A | ◆ EPA Compliance Date for Procurement - Upgrade PS#0198, 0437, 0466, 0680** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10490 | Procurement - Upgrade PS#0198, 0437, 0466, 0680 | 230 | 04-Nov-15 A | 20-Jun-16 A | Procurement - Upgrade PS#0198, 0437, 0466, 0680 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 469 | 18-Apr-16 A | 30-Jul-17 | 30-Jul-17, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71740 | EPA Start Date for Construction - Upgrade PS#0198, 0437, 0466, 0680 | 0 | 03-Jun-16 A | | ◆ EPA Start Date for Construction - Upgrade PS#0198, 0437, 0466, 0680 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51430 | EPA Compliance Date for Construction - Upgrade PS#0198, 0437, 0466, 0680** | 0 | | 31-Dec-16 A | ◆ EPA Compliance Date for Construction - Upgrade PS#0198, 0437, 0466, 0680** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10540 | Construction - Upgrade PS#0198, 0437, 0466, 0680 | 439 | 18-Apr-16 A | 30-Jul-17 | Construction - Upgrade PS#0198, 0437, 0466, 0680 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10700 | Substantial Completion (CD Compliance Date 12/31/16) - Upgrade PS#0198, 0437, 0466, 0680 | 0 | | 30-Jul-17* | ◆ Substantial Completion (CD Compliance Date 12/31/16) - Upgrade PS#0198, 0437, 0466, 0680 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.16 (1) Pump Station 0198 Compliance Project | | | | | ◆ Substantial Completion (CD Compliance Date 12/31/16) - Upgrade PS#0198, 0437, 0466, 0680 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 178 | 03-Nov-14 A | 30-Apr-15 A | Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20290 | Pre-Design - PS#0198 Compliance Project | 179 | 03-Nov-14 A | 30-Apr-15 A | Pre-Design - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 95 | 01-May-15 A | 04-Aug-15 A | Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12352 | Engineering Design - PS#0198 Compliance Project | 96 | 01-May-15 A | 04-Aug-15 A | Engineering Design - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 66 | 10-Aug-15 A | 15-Oct-15 A | Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12362 | Permitting - PS#0198 Compliance Project | 67 | 10-Aug-15 A | 15-Oct-15 A | Permitting - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 162 | 04-Nov-15 A | 14-Apr-16 A | 14-Apr-16 A, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33300 | Design Documents Sent to Procurement - PS#0198 Compliance Project | 0 | 04-Nov-15 A | | Design Documents Sent to Procurement - PS#0198 Compliance 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 SBD Goals and Request to Advertise - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33320 | Advertise Bid Package - PS#0198 Compliance Project | 0 | 07-Dec-15 A | | Advertise Bid Package - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33330 | Bid Solicitation Period - PS#0198 Compliance Project | 31 | 07-Dec-15 A | 06-Jan-16 A | Bid Solicitation Period - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33340 | Bids Due - PS#0198 Compliance Project | 0 | 06-Jan-16 A | | Bids Due - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33350 | Bid Review Period - PS#0198 Compliance Project | 20 | 06-Jan-16 A | 25-Jan-16 A | Bid Review Period - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS41140 | Bid Cancellation - PS#0198 Compliance Project | 3 | 26-Jan-16 A | 28-Jan-16 A | Bid Cancellation - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS41150 | Re-Bid Solicitation - PS#0198 Compliance Project | 30 | 09-Feb-16 A | 09-Mar-16 A | Re-Bid Solicitation - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS41160 | Re-Bids Due - PS#0198 Compliance Project | 0 | 10-Mar-16 A | | Re-Bids Due - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS41170 | Re-Bid Review Period - PS#0198 Compliance Project | 14 | 10-Mar-16 A | 23-Mar-16 A | Re-Bid Review Period - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33360 | Award Recommendation - PS#0198 Compliance Project | 0 | | 23-Mar-16 A | Award Recommendation - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12372 | Procurement - PS#0198 Compliance Project | 163 | 04-Nov-15 A | 14-Apr-16 A | Procurement - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33370 | Final Approvals - PS#0198 Compliance Project | 22 | 24-Mar-16 A | 14-Apr-16 A | Final Approvals - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50780 | P.O. Issued - PS#0198 Compliance Project | 0 | | 14-Apr-16 A | ◆ P.O. Issued - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 559 | 18-Apr-16 A | 28-Oct-17 | 18-Apr-16 A, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33380 | Contractor Notice to Proceed (NTP) - PS#0198 Compliance Project | 0 | 25-Apr-16 A | | ◆ Contractor Notice to Proceed (NTP) - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12382 | Construction - PS#0198 Compliance Project | 439 | 18-Apr-16 A | 30-Jul-17 | Construction - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12392 | Substantial Completion - PS#0198 Compliance Project | 0 | | 30-Jul-17* | ◆ Substantial Completion - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS40880 | Project Closeout - PS#0198 Compliance Project | 90 | 31-Jul-17 | 28-Oct-17* | Project Closeout - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | 882 | 01-May-15 A | 28-Oct-17 | 28-Oct-17, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS35240 | WASD Project Administration - PS#0198 Compliance Project | 882 | 01-May-15 A | 28-Oct-17 | WASD Project Administration - PS#0198 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.16 (2) Pump Station No. 0437 Upgrade | | | | | ◆ Substantial Completion (CD Compliance Date 12/31/16) - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 178 | 03-Nov-14 A | 30-Apr-15 A | Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20300 | Pre-Design - PS#0437 Upgrade | 179 | 03-Nov-14 A | 30-Apr-15 A | Pre-Design - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 95 | 01-May-15 A | 04-Aug-15 A | Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12402 | Engineering Design - PS#0437 Upgrade | 96 | 01-May-15 A | 04-Aug-15 A | Engineering Design - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 67 | 10-Aug-15 A | 16-Oct-15 A | Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12412 | Permitting - PS#0437 Upgrade | 68 | 10-Aug-15 A | 16-Oct-15 A | Permitting - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 145 | 24-Nov-15 A | 17-Apr-16 A | 17-Apr-16 A, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33390 | Design Documents Sent to Procurement - PS#0437 Upgrade | 0 | 24-Nov-15 A | | Design Documents Sent to Procurement - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33410 | Advertise Bid Package - PS#0437 Upgrade | 0 | 09-Dec-15 A | | Advertise Bid Package - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33400 | Submit/Approve SBD Goals and Request to Advertise - PS#0437 Upgrade | 46 | 24-Nov-15 A | 08-Jan-16 A | Submit/Approve SBD Goals and Request to Advertise - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33420 | Bid Solicitation Period - PS#0437 Upgrade | 31 | 09-Dec-15 A | 08-Jan-16 A | Bid Solicitation Period - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33430 | Bids Due - PS#0437 Upgrade | 0 | 09-Jan-16 A | | Bids Due - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33440 | Bid Review Period - PS#0437 Upgrade | 12 | 09-Jan-16 A | 20-Jan-16 A | Bid Review Period - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33450 | Award Recommendation - PS#0437 Upgrade | 0 | | 20-Jan-16 A | Award Recommendation - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33460 | Final Approvals - PS#0437 Upgrade | 28 | 21-Jan-16 A | 17-Feb-16 A | Final Approvals - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS50790 | P.O. Issued - PS#0437 Upgrade | 0 | | 17-Feb-16 A | ◆ P.O. Issued - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12422 | Procurement - PS#0437 Upgrade | 146 | 24-Nov-15 A | 17-Apr-16 A | Procurement - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 409 | 18-Apr-16 A | 30-Jun-17 | 18-Apr-16 A, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS33470 | Contractor Notice to Proceed (NTP) - PS#0437 Upgrade | 0 | 18-Apr-16 A | | ◆ Contractor Notice to Proceed (NTP) - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12432 | Construction - PS#0437 Upgrade | 243 | 02-May-16 A | 30-Dec-16 A | Construction - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12442 | Substantial Completion (CD Compliance Date 12/31/16) - PS#0437 Upgrade | 0 | | 30-Dec-16 A | ◆ Substantial Completion (CD Compliance Date 12/31/16) - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS40890 | Project Closeout - PS#0437 Upgrade | 152 | 31-Dec-16 A | 30-Jun-17* | Project Closeout - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | 762 | 01-May-15 A | 30-Jun-17 | 30-Jun-17, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS35230 | WASD Project Administration - PS#0437 Upgrade | 762 | 01-May-15 A | 30-Jun-17 | WASD Project Administration - PS#0437 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.16 (3) Pump Station 0466 Compliance Project | | | | | ◆ Substantial Completion (CD Compliance Date 12/31/16) - PS#0466 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 263 | 03-Nov-14 A | 24-Jul-15 A | Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20310 | Pre-Design - PS#0466 Compliance Project | 264 | 03-Nov-14 A | 24-Jul-15 A | Pre-Design - PS#0466 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 67 | 27-Jul-15 A | 02-Oct-15 A | Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12452 | Engineering Design - PS#0466 Compliance Project | 68 | 27-Jul-15 A | 02-Oct-15 A | Engineering Design - PS#0466 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 0 | 02-Oct-15 A | 02-Oct-15 A | Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12462 | Permitting - PS#0466 Compliance Project | 1 | 02-Oct-15 A | 02-Oct-15 A | Permitting - PS#0466 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 115 | 26-Feb-16 A | 20-Jun-16 A | 20-Jun-16 A, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-------------------|-------------|-------------|--|-------------|-------------|--|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|
| | | | | | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | |
| | | | | | 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 |
| PS51490 | EPA Compliance Date for Permitting - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | 0 | | 30-Jan-18* | ◆ EPA Compliance Date for Permitting - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10730 | Permitting - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | 232 | 10-Jul-17 | 26-Feb-18 | ◆ Permitting - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 265 | 08-Oct-17 | 29-Jun-18 | ◆ 29-Jun-18, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71810 | EPA Start Date for Procurement - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | 0 | 08-Oct-17* | | ◆ EPA Start Date for Procurement - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51500 | EPA Compliance Date for Procurement - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | 0 | | 06-Apr-18* | ◆ EPA Compliance Date for Procurement - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10740 | Procurement - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | 217 | 25-Nov-17 | 29-Jun-18 | ◆ Procurement - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 487 | 01-Sep-17 | 31-Dec-18 | ◆ 31-Dec-18, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71820 | EPA Start Date for Construction - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | 0 | 06-Apr-18* | | ◆ EPA Start Date for Construction - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10760 | Construction - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | 472 | 01-Sep-17 | 16-Dec-18 | ◆ Construction - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS10840 | Substantial Completion (CD Compliance Date 12/31/18) - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | 0 | | 19-Dec-18* | ◆ Substantial Completion (CD Compliance Date 12/31/18) - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS51510 | EPA Compliance Date for Construction - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | 0 | | 31-Dec-18* | ◆ EPA Compliance Date for Construction - Upgrade PS#0441, 0491, 0710, 0827, 0852, 1236 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.18 (1) Pump Station 0441 Upgrade | | | | | 862 | 08-Nov-16 A | 19-Mar-19 | ◆ 19-Mar-19, 5.18 (1) Pump Station 0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 139 | 08-Nov-16 A | 27-Mar-17 A | ◆ 27-Mar-17 A, Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20390 | Pre-Design - PS#0441 Upgrade | 140 | 08-Nov-16 A | 27-Mar-17 A | ◆ Pre-Design - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 104 | 28-Mar-17 A | 09-Jul-17 | ◆ 08-Jul-17, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72230 | 30% Design Submittal - PS#0441 Upgrade | 23 | 28-Mar-17 A | 19-Apr-17 A | ◆ 30% Design Submittal - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72240 | 30% Design Review - PS#0441 Upgrade | 14 | 20-Apr-17 A | 03-May-17 A | ◆ 30% Design Review - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72250 | 100% Design Submittal - PS#0441 Upgrade | 36 | 04-May-17 A | 30-Jun-17 | ◆ 100% Design Submittal - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12852 | Engineering Design - PS#0441 Upgrade | 83 | 28-Mar-17 A | 09-Jul-17 | ◆ Engineering Design - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72260 | 100% Design Review/Permit Ready Submittal - PS#0441 Upgrade | 9 | 01-Jul-17 | 09-Jul-17 | ◆ 100% Design Review/Permit Ready Submittal - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 135 | 10-Jul-17 | 21-Nov-17 | ◆ 21-Nov-17, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72270 | RER/DERM Permit - PS#0441 Upgrade | 45 | 10-Jul-17 | 23-Aug-17 | ◆ RER/DERM Permit - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72280 | County Bldg Dept Permit - PS#0441 Upgrade | 45 | 24-Aug-17 | 07-Oct-17 | ◆ County Bldg Dept Permit - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12862 | Permitting - PS#0441 Upgrade | 135 | 10-Jul-17 | 21-Nov-17 | ◆ Permitting - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72290 | Miami Gardens Bldg Dept Permit - PS#0441 Upgrade | 45 | 08-Oct-17 | 21-Nov-17 | ◆ Miami Gardens Bldg Dept Permit - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72300 | Public Works Permit - PS#0441 Upgrade | 45 | 08-Oct-17 | 21-Nov-17 | ◆ Public Works Permit - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 258 | 10-Jul-17 | 24-Mar-18 | ◆ 24-Mar-18, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71940 | GMOU submittal and approval - PS#0441 Upgrade | 20 | 10-Jul-17 | 29-Jul-17 | ◆ GMOU submittal and approval - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71860 | Internal Bid Package Review - PS#0441 Upgrade | 3 | 22-Nov-17 | 24-Nov-17 | ◆ Internal Bid Package Review - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34200 | Design Documents Sent to Procurement - PS#0441 Upgrade | 0 | 25-Nov-17 | | ◆ Design Documents Sent to Procurement - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34210 | Submit/Approve SBD Goals and Request to Advertise - PS#0441 Upgrade | 30 | 25-Nov-17 | 24-Dec-17 | ◆ Submit/Approve SBD Goals and Request to Advertise - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34220 | Advertise Bid Package - PS#0441 Upgrade | 0 | 25-Dec-17 | | ◆ Advertise Bid Package - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34230 | Bid Solicitation Period - PS#0441 Upgrade | 45 | 25-Dec-17 | 07-Feb-18 | ◆ Bid Solicitation Period - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34240 | Bids Due - PS#0441 Upgrade | 0 | 08-Feb-18 | | ◆ Bids Due - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34250 | Bid Review Period - PS#0441 Upgrade | 15 | 08-Feb-18 | 22-Feb-18 | ◆ Bid Review Period - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34260 | Award Recommendation - PS#0441 Upgrade | 0 | | 22-Feb-18 | ◆ Award Recommendation - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12872 | Procurement - PS#0441 Upgrade | 120 | 25-Nov-17 | 24-Mar-18 | ◆ Procurement - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34270 | Final Approvals (BCC, Mayor, Risk Mgmt.) - PS#0441 Upgrade | 30 | 23-Feb-18 | 24-Mar-18 | ◆ Final Approvals (BCC, Mayor, Risk Mgmt.) - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 360 | 25-Mar-18 | 19-Mar-19 | ◆ 19-Mar-19, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34280 | Contractor Notice to Proceed (NTP) - PS#0441 Upgrade | 0 | 25-Mar-18 | | ◆ Contractor Notice to Proceed (NTP) - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12882 | Construction - PS#0441 Upgrade | 270 | 25-Mar-18 | 19-Dec-18 | ◆ Construction - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12892 | Substantial Completion (CD Compliance Date 12/31/18) - PS#0441 Upgrade | 0 | | 19-Dec-18* | ◆ Substantial Completion (CD Compliance Date 12/31/18) - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS40980 | Project Closeout - PS#0441 Upgrade | 90 | 20-Dec-18 | 19-Mar-19* | ◆ Project Closeout - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 701 | 28-Mar-17 A | 19-Mar-19 | ◆ 19-Mar-19, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS35140 | WASD Project Administration - PS#0441 Upgrade | 701 | 28-Mar-17 A | 19-Mar-19 | ◆ WASD Project Administration - PS#0441 Upgrade | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.18 (2) Pump Station 0491 Compliance Project | | | | | 605 | 30-Jun-17 | 24-Feb-19 | ◆ 24-Feb-19, 5.18 (2) Pump Station 0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | | | | 32 | 30-Jun-17 | 31-Jul-17 | ◆ 31-Jul-17, Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20400 | Pre-Design - PS#0491 Compliance Project | 32 | 30-Jun-17* | 31-Jul-17 | ◆ Pre-Design - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 90 | 01-Aug-17 | 29-Oct-17 | ◆ 29-Oct-17, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12902 | Engineering Design - PS#0491 Compliance Project | 90 | 01-Aug-17 | 29-Oct-17 | ◆ Engineering Design - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 90 | 30-Oct-17 | 27-Jan-18 | ◆ 27-Jan-18, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12912 | Permitting - PS#0491 Compliance Project | 90 | 30-Oct-17 | 27-Jan-18 | ◆ Permitting - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 213 | 30-Oct-17 | 30-May-18 | ◆ 30-May-18, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71950 | GMOU submittal and approval - PS#0491 Compliance Project | 20 | 30-Oct-17 | 18-Nov-17 | ◆ GMOU submittal and approval - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71870 | Internal Bid Package Review - PS#0491 Compliance Project | 3 | 28-Jan-18 | 30-Jan-18 | ◆ Internal Bid Package Review - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34290 | Design Documents Sent to Procurement - PS#0491 Compliance Project | 0 | 31-Jan-18 | | ◆ Design Documents Sent to Procurement - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34300 | Submit/Approve SBD Goals and Request to Advertise - PS#0491 Compliance Project | 30 | 31-Jan-18 | 01-Mar-18 | ◆ Submit/Approve SBD Goals and Request to Advertise - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34310 | Advertise Bid Package - PS#0491 Compliance Project | 0 | 02-Mar-18 | | ◆ Advertise Bid Package - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34320 | Bid Solicitation Period - PS#0491 Compliance Project | 45 | 02-Mar-18 | 15-Apr-18 | ◆ Bid Solicitation Period - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34330 | Bids Due - PS#0491 Compliance Project | 0 | 16-Apr-18 | | ◆ Bids Due - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34340 | Bid Review Period - PS#0491 Compliance Project | 15 | 16-Apr-18 | 30-Apr-18 | ◆ Bid Review Period - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34350 | Award Recommendation - PS#0491 Compliance Project | 0 | | 30-Apr-18 | ◆ Award Recommendation - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12922 | Procurement - PS#0491 Compliance Project | 120 | 31-Jan-18 | 30-May-18 | ◆ Procurement - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34360 | Final Approvals (BCC, Mayor, Risk Mgmt.) - PS#0491 Compliance Project | 30 | 01-May-18 | 30-May-18 | ◆ Final Approvals (BCC, Mayor, Risk Mgmt.) - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 542 | 01-Sep-17 | 24-Feb-19 | ◆ 24-Feb-19, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34370 | Phase II Contractor Notice to Proceed (NTP) - PS#0491 Compliance Project | 0 | 01-May-18 | | ◆ Phase II Contractor Notice to Proceed (NTP) - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12932 | Phase I Construction (I/I) - PS#0491 Compliance Project | 365 | 01-Sep-17* | 31-Aug-18 | ◆ Phase I Construction (I/I) - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12942 | Phase I Substantial Completion (CD Compliance Date 12/31/18) - PS#0491 Compliance Project | 0 | | 31-Aug-18* | ◆ Phase I Substantial Completion (CD Compliance Date 12/31/18) - PS#0491 Compliance Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | Timeline | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|-------------------|-------------|-------------|----------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|--|--|
| | | | | | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | |
| | | | | | 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 | | |
| PS40990 | Project Closeout - PS#0491 Compliance Project | 90 | 01-Sep-18 | 29-Nov-18* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72520 | Phase II Construction (Non-Consent Decree) - PS#0491 Compliance Project | 270 | 31-May-18 | 24-Feb-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72530 | Phase II Substantial Completion (Non-Consent Decree) - PS#0491 Compliance Project | 0 | | 24-Feb-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | 486 | 01-Aug-17 | 29-Nov-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS35130 | WASD Project Administration - PS#0491 Compliance Project | 486 | 01-Aug-17 | 29-Nov-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.18 (3) Pump Station 0710 Compliance Project | | 845 | 22-Nov-16 A | 16-Mar-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 90 | 22-Nov-16 A | 20-Feb-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20410 | Pre-Design - PS#0710 Compliance Project | 91 | 22-Nov-16 A | 20-Feb-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 131 | 21-Mar-17 A | 21-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72310 | 30% Design Submittal - PS#0710 Compliance Project | 77 | 21-Mar-17 A | 05-Jun-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72320 | 30% Design Review - PS#0710 Compliance Project | 7 | 06-Jun-17 A | 15-Jun-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72330 | 100% Design Submittal - PS#0710 Compliance Project | 17 | 16-Jun-17 A | 14-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12952 | Engineering Design - PS#0710 Compliance Project | 108 | 21-Mar-17 A | 21-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72340 | 100% Design Review/Permit Ready Submittal - PS#0710 Compliance Project | 7 | 15-Jul-17 | 21-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 120 | 22-Jul-17 | 18-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72350 | RER/DERM Permit - PS#0710 Compliance Project | 60 | 22-Jul-17 | 19-Sep-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12962 | Permitting - PS#0710 Compliance Project | 120 | 22-Jul-17 | 18-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72360 | County Bldg Dept Permit - PS#0710 Compliance Project | 60 | 20-Sep-17 | 18-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72370 | Public Works Permit - PS#0710 Compliance Project | 60 | 20-Sep-17 | 18-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 243 | 22-Jul-17 | 21-Mar-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71960 | GMOU submittal and approval - PS#0710 Compliance Project | 20 | 22-Jul-17 | 10-Aug-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71880 | Internal Bid Package Review - PS#0710 Compliance Project | 3 | 19-Nov-17 | 21-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34380 | Design Documents Sent to Procurement - PS#0710 Compliance Project | 0 | 22-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34390 | Submit/Approve SBD Goals and Request to Advertise - PS#0710 Compliance Project | 30 | 22-Nov-17 | 21-Dec-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34400 | Advertise Bid Package - PS#0710 Compliance Project | 0 | 22-Dec-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34410 | Bid Solicitation Period - PS#0710 Compliance Project | 45 | 22-Dec-17 | 04-Feb-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34420 | Bids Due - PS#0710 Compliance Project | 0 | 05-Feb-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34430 | Bid Review Period - PS#0710 Compliance Project | 15 | 05-Feb-18 | 19-Feb-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34440 | Award Recommendation - PS#0710 Compliance Project | 0 | | 19-Feb-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12972 | Procurement - PS#0710 Compliance Project | 120 | 22-Nov-17 | 21-Mar-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34450 | Final Approvals (B.C.C, Mayor, Risk Mgmt.) - PS#0710 Compliance Project | 30 | 20-Feb-18 | 21-Mar-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 360 | 22-Mar-18 | 16-Mar-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34460 | Contractor Notice to Proceed (NTP) - PS#0710 Compliance Project | 0 | 22-Mar-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12982 | Construction - PS#0710 Compliance Project | 270 | 22-Mar-18 | 16-Dec-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS12992 | Substantial Completion (CD Compliance Date 12/31/18) - PS#0710 Compliance Project | 0 | | 16-Dec-18* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS41000 | Project Closeout - PS#0710 Compliance Project | 90 | 17-Dec-18 | 16-Mar-19* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | 711 | 21-Mar-17 A | 16-Mar-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS35120 | WASD Project Administration - PS#0710 Compliance Project | 711 | 21-Mar-17 A | 16-Mar-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.18 (4) Pump Station 0827 Compliance Project | | 821 | 06-Dec-16 A | 06-Mar-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Design | | 93 | 06-Dec-16 A | 09-Mar-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS20430 | Pre-Design - PS#0827 Compliance Project | 94 | 06-Dec-16 A | 09-Mar-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | 130 | 09-Mar-17 A | 09-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72380 | 30% Design Submittal - PS#0827 Compliance Project | 42 | 09-Mar-17 A | 19-Apr-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72390 | 30% Design Review - PS#0827 Compliance Project | 14 | 20-Apr-17 A | 03-May-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72400 | 100% Design Submittal - PS#0827 Compliance Project | 36 | 04-May-17 A | 26-Jun-17 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS13052 | Engineering Design - PS#0827 Compliance Project | 100 | 09-Mar-17 A | 09-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72410 | 100% Design Review/Permit Ready Submittal - PS#0827 Compliance Project | 8 | 27-Jun-17 A | 09-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | 120 | 12-Jul-17 | 08-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72420 | RER/DERM Permit - PS#0827 Compliance Project | 60 | 12-Jul-17 | 09-Sep-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS13062 | Permitting - PS#0827 Compliance Project | 120 | 12-Jul-17 | 08-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72430 | County Bldg Dept Permit - PS#0827 Compliance Project | 60 | 10-Sep-17 | 08-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS72440 | Public Works Permit - PS#0827 Compliance Project | 60 | 10-Sep-17 | 08-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | 245 | 10-Jul-17 | 11-Mar-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71970 | GMOU submittal and approval - PS#0827 Compliance Project | 20 | 10-Jul-17 | 29-Jul-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS71890 | Internal Bid Package Review - PS#0827 Compliance Project | 3 | 09-Nov-17 | 11-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34560 | Design Documents Sent to Procurement - PS#0827 Compliance Project | 0 | 12-Nov-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34570 | Submit/Approve SBD Goals and Request to Advertise - PS#0827 Compliance Project | 30 | 12-Nov-17 | 11-Dec-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34580 | Advertise Bid Package - PS#0827 Compliance Project | 0 | 12-Dec-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34590 | Bid Solicitation Period - PS#0827 Compliance Project | 45 | 12-Dec-17 | 25-Jan-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34600 | Bids Due - PS#0827 Compliance Project | 0 | 26-Jan-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34610 | Bid Review Period - PS#0827 Compliance Project | 15 | 26-Jan-18 | 09-Feb-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34620 | Award Recommendation - PS#0827 Compliance Project | 0 | | 09-Feb-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS13072 | Procurement - PS#0827 Compliance Project | 120 | 12-Nov-17 | 11-Mar-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PS34630 | Final Approvals (B.C.C, Mayor, Risk Mgmt.) - PS#0827 Compliance Project | 30 | 10-Feb-18 | 11-Mar-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 360 | 12-Mar-18 | 06-Mar-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Activity ID | Activity Name | Original Duration | Start | Finish | 2016 | | | | 2017 | | | | 2018 | | | | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | 2024 | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|-------------|-------------|--|-------------|-------------|---|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | 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 | | | | | | | | | | | | | | | | | |
| PS51520 | EPA Compliance Date for Construction - PS SCADA RTU Upgrades | 0 | | 18-Mar-16 A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. Supplemental Environmental Project | | | | | 1657 | 20-Oct-14 A | 03-May-19 | EPA Compliance Date for Construction - PS SCADA RTU Upgrades - Supplemental Environmental Project | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 670 | 08-Jun-15 A | 08-Apr-17 A | 08-Apr-17 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10000 | Engineering Design - SEP | 535 | 08-Jun-15 A | 23-Nov-16 A | Engineering Design - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10005 | Compliance Milestone Achieved - SEP Design (CD Compliance Date 4/8/2017) | 0 | | 08-Apr-17 A | Compliance Milestone Achieved - SEP Design (CD Compliance Date 4/8/2017) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50190 | EPA Compliance Date for Engineering Design - SEP | 0 | | 08-Apr-17 A | EPA Compliance Date for Engineering Design - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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* | Substantial Completion - SEP Construction (CD Compliance Date 4/8/2019) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50200 | EPA Compliance Date for Construction Summary - SEP | 0 | | 08-Apr-19* | EPA Compliance Date for Construction Summary - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6.0 Supplemental 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 | Pre-Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10190 | Pre-Design - SEP | 231 | 20-Oct-14 A | 07-Jun-15 A | Pre-Design - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 534 | 08-Jun-15 A | 23-Nov-16 A | 08-Jun-15 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM20000 | Basis of Design Report (BODR) - SEP | 99 | 08-Jun-15 A | 14-Sep-15 A | Basis of Design Report (BODR) - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM20010 | BODR Review Period - SEP | 53 | 15-Sep-15 A | 06-Nov-15 A | BODR Review Period - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM21111 | Negotiate Scope & Fee for Balance of Design - SEP | 173 | 28-Aug-15 A | 16-Feb-16 A | Negotiate Scope & Fee for Balance of Design - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM20020 | 30% Design Submittal - SEP | 136 | 17-Feb-16 A | 01-Jul-16 A | 30% Design Submittal - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM20030 | 30% Design Review - SEP | 17 | 02-Jul-16 A | 18-Jul-16 A | 30% Design Review - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM20040 | 60% Design Submittal - SEP | 60 | 19-Jul-16 A | 16-Sep-16 A | 60% Design Submittal - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM20050 | 60% Design Review - SEP | 7 | 17-Sep-16 A | 23-Sep-16 A | 60% Design Review - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50360 | Engineering Design - SEP | 535 | 08-Jun-15 A | 23-Nov-16 A | Engineering Design - 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 | 27-Oct-17, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50170 | FDOT Permit - SEP | 97 | 23-Nov-16 A | 27-Feb-17 A | FDOT Permit - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50150 | RER (DERM) Permit - 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 | MDDTPW Permit - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50390 | MDC Fire-Dem Permit - SEP | 60 | 19-Jun-17 A | 28-Aug-17 | MDC Fire-Dem Permit - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10170 | Permitting - SEP | 325 | 23-Nov-16 A | 27-Oct-17 | Permitting - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50400 | FDOH Permit - SEP | 60 | 29-Aug-17* | 27-Oct-17 | FDOH Permit - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 575 | 01-Nov-16 A | 29-May-18 | 29-May-18, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50420 | GMOU submittal and approval - SEP | 20 | 08-Jun-17 A | 30-Jun-17 | GMOU submittal and approval - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50210 | Internal Bid Package Review - SEP | 3 | 29-Aug-17 | 31-Aug-17 | Internal Bid Package Review - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35010 | Design Documents Sent to Procurement - SEP | 0 | 01-Sep-17 | | Design Documents Sent to Procurement - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35020 | Request to Advertise - SEP | 30 | 01-Sep-17 | 30-Sep-17 | Request to Advertise - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35030 | Advertise Bid Package - SEP | 0 | 01-Oct-17 | | Advertise Bid Package - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35040 | Bid Solicitation Period - SEP | 45 | 01-Oct-17 | 14-Nov-17 | Bid Solicitation Period - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35050 | Bids Due - SEP | 0 | 15-Nov-17 | | Bids Due - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35060 | Bid Review Period - SEP | 15 | 15-Nov-17 | 29-Nov-17 | Bid Review Period - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35070 | Award Recommendation - SEP | 0 | | 29-Nov-17 | Award Recommendation - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10180 | Procurement - SEP | 120 | 01-Sep-17 | 29-Dec-17 | Procurement - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35080 | Final Approvals (BCC, Mayor, Risk Mgmt.) - SEP | 30 | 30-Nov-17 | 29-Dec-17 | Final Approvals (BCC, Mayor, Risk Mgmt.) - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50140 | P.O. Issued - SEP | 0 | | 29-Dec-17 | P.O. Issued - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50430 | 39th Street Construction Easement - SEP | 575 | 01-Nov-16 A | 29-May-18 | 39th Street Construction Easement - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | | | | 535 | 15-Nov-17 | 03-May-19 | 03-May-19, Construction | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35090 | Contractor Notice to Proceed (NTP) - SEP | 0 | 30-Dec-17 | | Contractor Notice to Proceed (NTP) - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50560 | Construction - SEP Water Supply Line (Non-Consent Decree) | 400 | 15-Nov-17 | 19-Dec-18 | Construction - SEP Water Supply Line (Non-Consent Decree) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10010 | Construction - SEP | 400 | 30-Dec-17 | 02-Feb-19 | Construction - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50410 | Substantial Completion (CD Compliance Date 4/8/19) - SEP | 0 | | 02-Feb-19 | Substantial Completion (CD Compliance Date 4/8/19) - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM10160 | SEP Completion Report to EPA | 30 | 03-Feb-19 | 04-Mar-19 | SEP Completion Report to EPA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50110 | Project Closeout - SEP | 90 | 03-Feb-19 | 03-May-19* | Project Closeout - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Administration | | | | | 1371 | 08-Jun-15 A | 03-May-19 | 03-May-19, Project Administration | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM50100 | WASD Project Administration - SEP | 1371 | 08-Jun-15 A | 03-May-19 | WASD Project Administration - SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6.1 SEP (Early Phase Work) | | | | | 726 | 09-Jun-15 A | 03-Jul-17 | 03-Jul-17, 6.1 SEP (Early Phase Work) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engineering Design | | | | | 41 | 09-Jun-15 A | 20-Jul-15 A | 09-Jun-15 A, Engineering Design | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM30000 | Design - Early Phase SEP | 42 | 09-Jun-15 A | 20-Jul-15 A | Design - Early Phase SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permitting | | | | | 2 | 21-Jul-15 A | 23-Jul-15 A | 21-Jul-15 A, Permitting | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM30010 | Permitting - Early Phase SEP | 3 | 21-Jul-15 A | 23-Jul-15 A | Permitting - Early Phase SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Procurement | | | | | 94 | 08-Sep-15 A | 11-Dec-15 A | 08-Sep-15 A, Procurement | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35100 | Design Documents Sent to Procurement - Early Phase SEP | 0 | 08-Sep-15 A | | Design Documents Sent to Procurement - Early Phase SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35110 | Submit/Approve SBD Goals and Request to Advertise - Early Phase SEP | 21 | 08-Sep-15 A | 28-Sep-15 A | Submit/Approve SBD Goals and Request to Advertise - Early Phase SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35120 | Advertise Bid Package - Early Phase SEP | 0 | 28-Sep-15 A | | Advertise Bid Package - Early Phase SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35130 | Bid Solicitation Period - Early Phase SEP | 23 | 28-Sep-15 A | 20-Oct-15 A | Bid Solicitation Period - Early Phase SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35140 | Bids Due - Early Phase SEP | 0 | 21-Oct-15 A | | Bids Due - Early Phase SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35150 | Bid Review Period - Early Phase SEP | 9 | 21-Oct-15 A | 29-Oct-15 A | Bid Review Period - Early Phase SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35160 | Award Recommendation - Early Phase SEP | 0 | | 29-Oct-15 A | Award Recommendation - Early Phase SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM35170 | Final Approvals (BCC, Mayor, Risk Mgmt.) - Early Phase SEP | 18 | 30-Oct-15 A | 16-Nov-15 A | Final Approvals (BCC, Mayor, Risk Mgmt.) - Early Phase SEP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

