



Daniella Levine Cava, Mayor

Water and Sewer
PO Box 330316 • 3071 SW 38 Avenue
Miami, Florida 33233-0316
T 305-665-7471

miamidade.gov

July 31, 2023

VIA ELECTRONIC CORRESPONDENCE

CCN: 65007
File No: 8.DC.09.33

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

Chief, Clean Water Enforcement Branch
Water Protection Division
Attn: Brad Ammons
U.S. Environmental Protection Agency, Region 4
61 Forsyth Street, S.W.
Atlanta, Georgia 30303
Ammons.Brad@epa.gov

Rachael Amy Kamons
Environmental Enforcement Section
U.S. Department of Justice
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044-7611
Rachael.Kamons@usdoj.gov

Florida Department of Environmental Protection
Southeast District – West Palm Beach
3301 Gun Club Road, MSC 7210-1
West Palm Beach, FL 33406
Attn: Compliance/Enforcement Section
Jason.Andreotta@dep.state.fl.us

RE: Consent Decree (Case: No. 1:12-cv-24400-FAM), Reference DOJ Case No. 90-5-1-1-4022/1, Section IX – Reporting Requirements, Paragraph 32 – Quarterly Reports – 2023 Quarterly Report No. 2

Dear Sir or Madam:

In accordance with the provisions of Paragraph 32 of the above referenced Consent Decree, on behalf of Miami-Dade County, the Water and Sewer Department (WASD) submits to the Environmental Protection Agency (EPA) and the State of Florida Department of Environmental Protection (FDEP) the 2023 Quarterly Report No. 2. The 2023 Quarterly Report No. 2 covers the period from April 1, 2023, to June 30, 2023.

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) 552-8894.

Sincerely,



Marisela J. Aranguiz-Cueto, P.E.
Deputy Director
Miami-Dade Water and Sewer Department

Attachment: 2023 Quarterly Report No. 2

ec:

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Florida Department of Environmental Protection
Southeast District – West Palm Beach
3301 Gun Club Road, MSC 7210-1
West Palm Beach, FL 33406
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Lashika Nelson (CAO)
Rashid Istambouli (RER-DERM)
Carlos Hernandez (RER-DERM)
Roger Williams (CD PMCM)



2023 Quarterly Report No. 2

(Thirty-Fifth Quarterly Report)

April 1, 2023 through June 30, 2023

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

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2023 Quarterly Report No. 2

1.0 Purpose

On April 9, 2014, Miami-Dade County (County) entered into a Consent Decree (CD) with the United States of America (United States), the State of Florida Department of Environmental Protection, and the State of Florida. The Consent Decree was lodged on June 6, 2013 and became effective on December 6, 2013. This document satisfies the requirements of Section IX, Paragraph 32 for submittal of the 2023 Quarterly Report No. 2 on or before July 31, 2023.

2.0 Requirements

Section IX, Paragraph 32 of the CD states: “Beginning one (1) month after the first Calendar Quarter following the Effective Date of this Consent Decree, and one (1) month after each Calendar Quarter thereafter until termination of the Consent Decree, Miami-Dade shall submit to EPA and FDEP for review and comment a Quarterly Report. Such Quarterly Report shall include the date, time, location, source, estimated duration, estimated volume, receiving water (if any) and cause of all SSOs occurring in the previous Calendar Quarter.” Section IV, Paragraph 8(ii) of the CD defines an SSO as any discharge of wastewater to waters of the United States or the State from Miami-Dade’s Wastewater Collection and Transmission System (WCTS) through a point source not permitted in any NPDES permit, as well as any overflow, spill, or release of wastewater to public or private property from the WCTS that may not have reached waters of the United States or the State, including all Building Backups – wastewater backups or releases caused by blockages, flow conditions or other malfunctions of a Private Lateral are not considered as Building Backups.”

3.0 Sanitary Sewer Overflow Events

This quarterly report contains additional information on how the Sanitary Sewer Overflow (SSO) was resolved, including the immediate fix and any proposed long-term solution. While not specifically required by the Consent Decree, the United States Environmental Protection Agency (EPA) has requested that the County provide this additional information to aid them in preparing the United States’ Semi-Annual Status Report to the United States District Court, Southern District of Florida, Miami Division.

The County shall not be held liable for stipulated penalties under Section X, Paragraph 42(vi) of the CD if the County “demonstrates that the SSO was caused by an Act of God, vandalism, a non-County Contractor, or any act of a third party not working directly, or indirectly, on behalf of Miami-Dade and that Miami-Dade demonstrates that it has used all reasonable measures to prevent such SSO.” During this reporting period, the County determined there were two (2) events that would qualify under Section X Paragraph 42 (vi) as described above. The SSO events are described in Table 1 and the associated supporting documentation can be found in Appendix A.

Table 1 – Description of SSO Events Caused by Liable Third Party

	Date	Location	Volume (gallons)	Third Party
1	05/26/2023	11700 W. Okeechobee Rd Hialeah Gardens, FL 33178	45,170	Stonehenge Construction

3.1 SSOs (Excluding Building Backups)

Table 2 (page 4) documents all SSO events, excluding Building Backups (BBUs), for the second calendar quarter of 2023. There was a total of thirty-one (31) SSO events:

- Eight (8) events involved force mains.
- Fourteen (14) events involved gravity mains.
- Four (4) events involved automatic air release valves.
- One (1) event involved manual air release valve.
- Four (4) events involved pump stations.

There were six SSO events that reached the waters of the United States during this reporting period.

3.2 Building Backups

The County follows standard procedures to resolve and minimize the occurrence of Building Backups. These procedures have been re-evaluated in the development of the new CMOM Program Sewer Overflow Response Plan (SORP) required by the current Consent Decree. The SORP was submitted by the County to EPA/FDEP on July 2, 2015. The County received EPA/FDEP comments on the SORP on January 27, 2017 and submitted a response on March 28, 2017. The EPA and FDEP approved the SORP on August 15, 2017. The County is implementing these procedures.

Presently, the Department's procedures for the response to and the reporting and documenting of Building Backups are different from those of SSOs within the Department's WCTS. Additionally, the "Time" and "Duration" parameters are seldom characteristically the same between the two types of SSO events. For these reasons, Building Backups are normally included in a separate table and the "N/A" designation used for some "Time" and "Duration" entries. There was no Building Backup reported during this reporting period.

4.0 Abbreviations/Acronyms

The following acronyms and abbreviations are used in the tables. Please note that not all acronyms are used in the tables.

AC	Asbestos Cement
ARV	Manual Air Release Valve
AARV	Automatic Air Release Valve
ASSIS	Active As-Built Supplemental Information System
DI	Ductile Iron
CD	Consent Decree
CI	Cast Iron
CIP	Capital Improvement Project
FM	Force Main
FOG	Fats, Oils and Grease
FSE	Food Service Establishment
GIS	Geographic Information System
GM	Gravity Main
GSS	Gravity Sewer System
HDPE	High Density Polyethylene
LAT	Lateral
PCCP	Prestressed Concrete Cylinder Pipe
PIR	Project Initiation Report
PS	Pump Station
PVC	Polyvinyl Chloride
RER-DERM	Regulatory and Economic Resources, Division of Environmental Resources Management
VFD	Variable Frequency Drive

5.0 Progress Update for Ongoing CD Capital Improvement Projects Beyond Compliance Date

On August 13, 2021, the County submitted a CD Outstanding Force Majeure and Potential Delay Notification letter to EPA and FDEP. Therein, the County committed to provide progress updates in the quarterly reports for the CD Capital Improvement Projects which are ongoing and have experienced delays beyond the Compliance Date. The progress updates for these projects are tabulated in Appendix B.

6.0 Amendment to Previous Quarterly Report

No amendment was made to the 2023 Quarterly Report No. 1.

Table 2 - Sanitary Sewer Overflows

CCID	Date	Time	Location	Source	Est. Duration	Est. Volume	Destination	Waters	Cause	Immediate Fix	Long Term Fix	
											Of US	Req'd
525213	4/2/2023	11:00AM	8475 SW 156 CT UNINCORPORATED MIAMI-DADE 33193	Gravity Main	6 hours 30 minutes	200	Storm Drain	No	Gravity main line blockage due to failed liner inside the pipe	Repair made a manhole entry and removed the defective liner inside the line	No	Isolated incident with no further action required.
525380	4/5/2023	11:35AM	760 SW 4 ST MIAMI 33130	Gravity Main	1 hour 25 minutes	50	Storm Drain	No	Mainline blockage due to grease causing a spill through an abandoned sewer lateral.	Digg and cap the abandoned lateral at the main line.	No	Isolated incident with no further action required.
525427	4/6/2023	11:04AM	SW 288 ST & SW 142 AVE UNINCORPORATED MIAMI-DADE 33033	Automa tic Air Release Valve	1 hour 16 minutes	50	C-103N	Yes	Leaking AARV Bermad	Replaced AARV	No	No further action required.
525695	4/11/2023	1:31PM	7280 NW 58 ST UNINCORPORATED MIAMI-DADE 33166	Force Main	2 hours 34 minutes	2275	Storm Drain	No	Leaking 12" force main due to point load at the bottom of the pipe.	Repaired force main.	No	No further action required.
525791	4/12/2023	8:00PM	5803 NW 5 ST MIAMI 33126	Gravity Main	4 hours	850	Storm Drain	No	Rain event exceeded system capacity, spill at manholes 79 - 80	The station cannot get online due to the high pressures.	No	No further action required.
525804	4/12/2023	10:00PM	4801 SW 117 AVE UNINCORPORATED MIAMI-DADE 33165	WASD Pump Station	1 hour 20 minutes	936	Storm Drain	No	Rain event resulted in PS 0683 not being able to pump agains system pressure.	Normal pump station operation restored.	No	No further action required.
525868	4/13/2023	3:00PM	18305 NW 57TH AVE UNINCORPORATED MIAMI-DADE 33055	Gravity Main	1 day 5 hours	5325	Storm Drain	No	Rain event exceeded system capacity, spill at manhole 310	System equalizes to normal levels after the rain had receded.	No	No further action required.
525891	4/13/2023	7:48PM	19010 NW 47TH AVE UNINCORPORATED MIAMI-DADE 33055	Gravity Main	23 hours 42 minutes	2128	Storm Drain	No	Gravity main blockage due to grease causing spill at manhole 369	System equalizes to normal levels after the rain had receded.	No	No further action required.
526066	4/14/2023	10:30AM	12700 NW 30 AVE OPA- LOCKA 33054	WASD Pump Station	2 hours 45 minutes	87000	Land	No	WASD pump station 300 pipe leaking 18" coupling gasket	Replaced gasket.	No	No further action required.
526077	4/16/2023	12:00AM	1101 NE MIAMI GARDENS DR NORTH MIAMI BEACH 33179	WASD Pump Station	2 hours 40 minutes	80	Storm Drain	No	Gravity main surcharge due to pump station 457 and causing spill at manhole 15	Pump station operation restored.	No	No further action required.
526126	4/16/2023	7:30PM	NW 67TH AVE & WINDMILL GATE RD MIAMI LAKES 33014	Force Main	2 hours 45 minutes	1875	Storm Drain	No	Leaking 12' force main after being struck by a directional bore.	Repaired the affected area with a new section of C-900 pipe and two hymax couplings.	No	No further action required.
526142	4/17/2023	12:00AM	7771 NW 181 ST UNINCORPORATED MIAMI-DADE 33015	WASD Pump Station	1 hour	160	Storm Drain	No	WASD pump station 417 problems debris ,	Pump station operation restored.	No	No further action required.
526488	4/21/2023	11:00AM	4461 NW 199 ST MIAMI GARDENS 33055	Gravity Main	4 hours 50 minutes	80	Land	No	Gravity main blockage due to grease causing spill at manhole 5	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system.	No	No gravity main maintenance required within the last 3 years. Isolated incident with no further action required

Table 2 - Sanitary Sewer Overflows

CCID	Date	Time	Location	Source	Est. Duration hr:min	Est. Volume gallons	Destination	Waters Of US	Cause	Immediate Fix	Long Term Fix	
											Req'd	Solution
526585	4/23/2023	11:36AM	19810 NW 47 AVE UNINCORPORATED MIAMI-DADE 33055	Force Main	1 hour 44 minutes	325	Storm Drain	No	Gravity main blockage due to grease causing spill at manhole 106	Flow control with multiple vactors.	Yes	Document and evaluate the system capacity of pump station 415 due to multiples stations piggybacking into the gravity.
526643	4/24/2023	1:46PM	421 NW 67TH ST MIAMI 33150	Gravity Main	19 minutes	20	Storm Drain	No	Gravity main blockage due to grease causing spill at manhole 379	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system..	No	No gravity main maintenance required within the last 3 years. Isolated incident with no further action required
526820	4/27/2023	8:25AM	NE 10 AVE & NE MIAMI GARDENS DR NORTH MIAMI BEACH 33162	Automa tic Air Release Valve	3 hours 5 minutes	840	SNAKE CREEK CANAL	Yes	Leaking AARV due to debris being struck on the flapper.	Remove affected AARV and replaced with a new AARV.	No	No further action required.
526853	4/27/2023	7:14PM	1175 NE MIAMI GARDENS DR UNINCORPORATED MIAMI-DADE 33179	Gravity Main	2 hours 16 minutes	75	Storm Drain	No	Gravity main surcharge due to pump station 457 and causing spill at manhole 15	Pump Station 457 was restored to normal operations.	No	Isolated incident with no further action required.
526909	4/28/2023	10:00PM	4830 NW 197 ST UNINCORPORATED MIAMI-DADE 33055	Gravity Main	2 hours 20 minutes	80	Land	No	Gravity main blockage due to grease causing spill at manhole 35	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system	No	No gravity main maintenance required within the last 3 years. Isolated incident with no further action required.
527043	5/1/2023	7:21PM	19720 NW 39 CT MIAMI GARDENS 33055	Gravity Main	2 hours 39 minutes	40	Land	No	Gravity Main blockage due to grease.	Cleared blockage and cleaned up/down stream	No	No gravity main maintenance required within the last 3 years. Isolated incident with no further action required.
527747	5/15/2023	8:23AM	17600 N BAY RD SUNNY ISLES BEACH 33160	Gravity Main	2 hours 37 minutes	30	Storm Drain	No	Gravity main blockage due to grease.	Cleared gravity main blockage, cleaned upstream and downstream branch of collection system.	Yes	Gravity main maintenance has been required within the last three years. Install a smart cover system.
528021	5/19/2023	12:30PM	17051 NE 35TH AVE NORTH MIAMI BEACH 33160	Force Main	1 hour 22 minutes	90518	MAULE LAKE - Water Sampling results negative	Yes	24" DI FM broken by County Contractor.	Repaired force main and bill contractor for damages.	Yes	Charge County contractor for damages.
528364	5/26/2023	11:20AM	11700 W OKEECHOBEE RD HIALEAH GARDENS 33178	Force Main	2 hours 30 minutes	45170	97TH AVE CANAL - Sampling results negative	Yes	24" DI FM broken by Non- County Contractor	Repaired force main.	Yes	Charge non-County contractor for damages.
528373	5/26/2023	1:20PM	15300 SW 89 CT PALMETTO BAY 33157	Gravity Main	40 minutes	135	Land	No	Gravity main blockage due to grease.	Cleared gravity main blockage, cleaned upstream and downstream branch of collection system.	No	No gravity main maintenance required within the last 3 years. Isolated incident with no further action required.
528670	6/1/2023	11:48AM	NW 52 ST & NW 97 AVE DORAL 33178	Force Main	2 hours 17 minutes	72817	Storm Drain	No	8" DI force main broken by non-County Contractor.	Replaced the broken segment of the 8" DI force main.	No	No further action required.

Table 2 - Sanitary Sewer Overflows

CCID	Date	Time	Location	Source	Est. Duration hr:min	Est. Volume gallons	Destination	Waters Of US	Cause	Immediate Fix	Long Term Fix	
											Req'd	Solution
529229	6/10/2023	2:00PM	6700 SW 56 ST UNINCORPORATED MIAMI-DADE 33155	Automatic Air Release Valve	30 minutes	50	Land	No	AARV leaking due to debris restricting float movement.	Replace the affected AARV.	No	Isolated incident with no further action required.
529242	6/10/2023	7:53PM	3151 NW 32 AVE UNINCORPORATED MIAMI-DADE 33142	Force Main	2 hours 37 minutes	37089	MIAMI CANAL C-6 (sampling negative no impact)	Yes	12" DI FM broken due to improper bedding	Repaired the affected area of the 12" DI FM.	Yes	Force main segment will be evaluated for replacement due to multiple failures
529303	6/12/2023	10:00AM	1750 NE 191 ST UNINCORPORATED MIAMI-DADE 33179	Gravity Main	2 hours	30	Storm Drain	No	Gravity main blockage due to grease.	Cleared gravity main blockage, cleaned upstream and downstream branch of collection system.	No	No gravity main maintenance required within the last 3 years. Isolated incident with no further action required.
529625	6/18/2023	11:38AM	9419 FONTAINEBLEAU BLVD UNINCORPORATED MIAMI-DADE 33172	Gravity Main	1 hour 22 minutes	50	Storm Drain	No	Gravity main blockage due to grease.	Cleared gravity main grease blockage. Cleaned upstream and downstream branch of the collection system.	No	No gravity main maintenance required within the last 3 years. Isolated incident with no further action required.
530271	6/29/2023	9:19AM	70 NE 202 TER MIAMI GARDENS 33179	Force Main	1 hour 11 minutes	50	Land	No	6" AC FM broken due to nearby disturbance/activities.	Repaired the affected area of the 6" AC FM.	Yes	6" AC FM recommended for replacement.
530324	6/30/2023	7:00AM	5711 NW 199 ST UNINCORPORATED MIAMI-DADE 33015	Manual Air Release Valve	2 hours 30 minutes	480	R-W CANAL	Yes	Manual Air Release Valve leaking through a cracked PVC nipple.	Replaced equipment from back valve to the angle valve including the air release valve. Readjusted the position and support of the ARV.	No	Isolated incident. No further action required.
530338	6/30/2023	12:00PM	8695 SW 125 AVE UNINCORPORATED MIAMI-DADE 33186	Automatic Air Release Valve	30 minutes	60	Storm Drain	No	AARV leaking through the threads on the 2" PVC pipe.	Installed a new section of PVC pipe and replaced the AARV.	No	Isolated incident. No further action required.

Appendix A

Supporting Documentation for SSO Events

Supporting document for May 26, 2023, event at 11700 W. Okeechobee Road, Hialeah Gardens caused by non-County Contractor



Water and Sewer
PO Box 330316 * 3071 SW 38 Avenue
Miami, Florida 33233-0316
T 305-665-7471

07/28/2023 Certified 7003 1680 0004 5647 4465

STONEHENGE CONSTRUCTION, LLC
13100 SW 128 ST
MIAMI, FL 33186

Attn: ISAYVIT NOVOA

Re: File No: JS10031 Customer No. 00004324

Expenses incurred by Miami Dade Water & Sewer Department to repair and restore a damaged 24-inch cast iron sewer force main at Hialeah Gardens Blvd & NW South River Drive/US 27 Blvd. The damage occurred while Stonehenge Construction was working for Prince Contractor. While installing a new sewer main, the contractor damaged the cast iron sewer force main with a track-hoe. The contractor was working under Sunshine Location ticket # 090305359. The damage resulted in a sewer spill of 45,170 gallons.

Damage/Repair Date: 05/26/2023

This is to advise you that your company is being held liable for the above-referenced utility damage resulting from your work operation.

An invoice with the costs incurred by our Department to repair and restore service to this utility, including restoration of the area if required, will be sent to your attention. This amount is to be paid in full within 30 days of the invoice date.

Any questions concerning this matter should be referred to Angela Morris-Butler (786) 552-8418 or (786) 552-8171. Thank you for your cooperation.

Sincerely,

Angela Morris-Butler
Assistant Controller - Controller Division

c: File

Figure 1 - Notice letter to non-County Contractor

Appendix B

Quarterly Update of Select Consent Decree Capital Improvement Projects

Appendix B

Progress Updates for Ongoing CD Capital Improvement Projects Beyond Compliance Date - 2023 Quarterly Report No. 2

No.	Date of Request/ Notification	Project No.	Project Status Update	Estimated Delay	Projected Completion Date	Compliance Date
1	6/30/2021 7/14/2021 2/25/2022	CD 1.2 SDWWTP Oxygen Production	<p>The project experienced delays during the construction phase related to the relocation of the existing duct bank due to unforeseen field conditions; and ongoing delays due to the protracted procurement and fabrication schedule of electrical gear and compressor replacement parts caused by disruptions to the manufacturing processes precipitated by the Pandemic. Specifically, in January 2022, the manufacturer/supplier for the replacement parts for Compressor No. 3 informed the County that the lead time for the fabrication and delivery of mechanical components which include bull gear, vessels, cooling system (bundles and shell) and forced lubrication system was thirty-two (32) weeks, with no opportunity to expedite. In October 2022, the new equipment and replacement parts for Compressor No. 3 were delivered to the site and installed by December 2022. The installation for the electrical wiring to Compressor No.3 controls/power and feeder terminations of Substation No. 20 was completed and the start-up of Compressor No. 3 is scheduled to commence on July 17, 2023.</p> <p>The current construction percent complete is 89%</p>	558 Days	9/6/2023	2/25/2022
2	6/28/2019 1/15/2021 3/17/2021	CD 1.11 SDWWTP General Electrical	<p>The Notice to Proceed (NTP) for Child Project CD 1.11(1.2) – Generator Repairs were issued on September 22, 2021 and repair work started and in progress.</p> <p>The current construction percent complete is 77%</p>	1024 Days	1/14/2024	3/26/2021
3	10/13/2020 6/14/2021	CD 2.1 CDWWTP Electrical Improvements	<p>CD 2.1(3) - Substation 9 & 10 - is currently in construction. The unforeseen field condition that required design modifications to existing low-voltage switchgear 9A and 10A continued to impact the project.</p> <p>The current construction percent complete is 99% and the project completion date is currently under review.</p>	To Be Determined	To Be Determined	6/14/2021
4	9/10/2020 6/16/2023	CD 2.15 CDWWTP Digesters Plant 2	<p>CD 2.15(1) Digester Plant 2 Cluster 1 has been in startup mode since July 2022, and it is anticipated to achieve Substantial Completion in the near future. Startup activities for CD 2.15(2) Digester Plant 2 Cluster 2 is scheduled to commence in August 2023. This project experienced delays due to the corbel modifications; equipment failure prior to testing; and the extended startup and commissioning period to ensure biological acclimatization. The initiation of the construction of CD 2.15(3) Digester Plant 2 Cluster 3 was contingent upon substantial completion of CD 2.15(1) Cluster 1 and CD 2.15(2) Cluster 2 to ensure adequate digestion treatment at CDWWTP. A Request for Time Extension and Project Status Update letter for CD 2.15 Digester Plant 2 was submitted to EPA and FDEP on June 16, 2023. This extension will allow the County to develop a new approach to Digester Upgrades for CD 2.15(3) Cluster 3 that will integrate lessons learned and incorporates a conservative construction duration.</p> <p>The current construction percent complete is 66%</p>	1815 Days	6/6/2028	6/18/2023

Appendix B

Progress Updates for Ongoing CD Capital Improvement Projects Beyond Compliance Date - 2023 Quarterly Report No. 2

No.	Date of Request/ Notification	Project No.	Project Status Update	Estimated Delay	Projected Completion Date	Compliance Date
5	1/10/2020	CD 2.19 CDWWTP Co-generation Facility	<p>Construction of the Co-generation Facility was completed on October 4, 2019. However, the project's completion is contingent on sufficient biogas production from the digesters being completed as part of CD 2.15 Clusters 1 and 2 in order to perform acceptance and performance testing. CD 2.15 Digesters Cluster 1 is currently undergoing acceptance testing and Cluster 2 is scheduled to commence startup activities in August 2023.</p> <p>The current construction percent complete is 99%</p>	1288 Days	11/30/2023	5/21/2020
6	6/1/2017 3/6/2019 4/24/2020	CD 2.22 CDWWTP Master Pump Station No. 2	<p>The portion of the work performed by the Contractor achieved substantial completion on August 23, 2021. The Flowmeter work was removed from the Contractor's scope of work and will be performed by WASD Wastewater Collection and Transmission Line Division (WWCTLD). The flowmeter portion of this project was permitted and installation of the flowmeter was attempted on March 16, 2023, however the valve experienced issues and WASD was unable to stop the flow in the pipeline. A second attempt to install the flowmeter is tentatively scheduled for August 2023.</p> <p>The current construction percent complete is 99%</p>	1555 Days	8/27/2023	5/25/2019
7	6/6/2018 12/28/2022	CD 1.6/ CD 1.8 SDWWTP Thickening and Dewatering Projects	<p>CD 1.6/CD 1.8 - are currently in construction. The project was impacted due to long Re-Bid process and SCADA modifications.</p> <p>The current construction percent complete is 90%</p>	663 Days	10/30/2024	1/6/2023
8	6/6/2018 12/28/2022	CD 2.12/ CD 2.13/ CD 2.16/ CD 2.18 CDWWTP Thickening and Dewatering Projects and Odor Control Systems	<p>CD 2.12/CD 2.13/CD 2.16/CD 2.18 - are currently in construction. The project was impacted due to long Re-Bid process and SCADA modifications.</p> <p>The current construction percent complete for CD 2.12/CD 2.13/CD 2.16/CD 2.18 is 85%</p>	827 Days	4/19/2025	1/13/2023