



Daniella Levine Cava, Mayor

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

miamidade.gov

May 1, 2024

VIA ELECTRONIC CORRESPONDENCE

CCN: 65407

File No: 8.DC.20.32

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
Sirena.Davila@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 – 2024 Quarterly Report
No. 1**

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 2024 Quarterly Report No. 1. The 2024 Quarterly Report No. 1 covers the period from January 1, 2024, to March 31, 2024.

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

cc:

Anita Patel
Senior Assistant Attorney General, Complex
Litigation
Office of the Attorney General
PL 01 The Capitol
Tallahassee, FL 32399-1050
(850) 414-3694
anita.patel@myfloridalegal.com

Elizabeth Teegen
Chief Assistant Attorney General, Complex
Litigation
Office of the Attorney General
PL-01, The Capitol
Tallahassee, FL 32399-1050
850-414-3808
Elizabeth.Teegen@myfloridalegal.com

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
Lisa.M.Self@dep.state.fl.us
Viviana.Useche@FloridaDEP.gov
Bridjette.Bucell@FloridaDEP.gov
Sed.wastewater@dep.state.fl.us
Chase.Osborn@floridaDEP.gov
Guy.Cappello@floridaDEP.gov

Jairo Castillo-Valenzuela
Andrew Gunderson
Wastewater Enforcement Section
Water Enforcement Branch
Enforcement & Compliance Assurance Division
USEPA Region 461 Forsyth Street. S.W.
Atlanta, GA 30303
Castillo.Jairo@epa.gov
Gunderson.Andrew@epa.gov

Paul Schwartz
Associate Regional Counsel
U.S. EPA, Region 4
61 Forsyth Street, SW
Atlanta, Georgia 30303
Schwartz.Paul@epa.gov

Madame Mayor Daniella Levine-Cava
Miami-Dade County
111 NW First Street 29th Floor
Miami, Florida 33128
Daniella.Cava@miamidade.gov

Jimmy Morales, Office of the Mayor
Miami-Dade County Chief Operations Officer
111 NW 1st Street 29th Floor
Miami, FL 33128
Jimmy.Morales2@miamidade.gov

Roy Coley, Director
Miami-Dade Water and Sewer Department
3071 SW 38th Avenue
Miami, Florida 33146
Roy.Coley@miamidade.gov

Sarah Davis
Miami-Dade Assistant County Attorney
Miami-Dade County Attorney's Office
111 NW First Street Suite 2810
Miami, Florida 33128
Sarah.Davis@miamidade.gov

Amanda Kinnick (WASD)
Billie Jo McCarley (WASD)
Frances G. Morris (WASD)
James B. Ferguson (WASD)
Juan Curiel (WASD)
Catalina Lopez-Velandia (WASD)
François Saint-Phard (WASD)
Miguel Jimenez (WASD)
Carlos A. Castro (WASD)
Rolando Roque (WASD)
Ana Caveda (WASD)
Christine Wartman (WASD)
Jose Ortega (CAO)
Katherine Sanchez (CAO)
Rashid Istambouli (RER-DERM)
Galo Pacheco (RER-DERM)
Oscar Aguirre (RER-DERM)
Roger Williams (CD PMCM)



2024 Quarterly Report No. 1

(Thirty-Eighth Quarterly Report)

January 1, 2024, through March 31, 2024

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

**This Page Has Been Intentionally Left
Blank**

2024 Quarterly Report No. 1

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 2024 Quarterly Report No. 1 on or before May 1, 2024.

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 three (3) 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 or Vandalism

	Date	Location	Volume (gallons)	Third Party
1	1/26/2024	19151 NW 89 CT	100	DEMCOR Asphalt
2	2/7/2024	15198 SW 56 ST	15,946	Yeileen Oy Underground
3	3/21/2024	13400 SW 62 ST	75	Vandalism / unknown

3.1 SSOs (Excluding Building Backups)

Table 2 (page 4) documents all SSO events, excluding Building Backups (BBUs), for the first calendar quarter of 2024. There was a total of twenty-five (25) SSO events:

- Seven (7) events involved force mains.
- Twelve (12) events involved gravity mains.
- Six (6) events involved automatic air release valves.

There were six (6) SSO events that may have 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. However, there was no building backup event to record during this reporting period. Therefore, no building backup table is included in this report.

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. 4.

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
540796	1/3/2024	12:23PM	NW 60 ST & NW 7 CT	GM	7 minutes	50	Storm Drain	No	Gravity main (GM) blockage due to grease.	Cleared GM blockage. Cleaned upstream and downstream branch of collection system.	No	Isolated incident with no further action required.
541212	1/10/2024	1:40PM	12451 SW 184 ST	FM	1 hour	440	Land	No	8" ductile iron (DI) force main (FM) broken due to differential loading.	Repaired 8" DI FM.	No	Isolated incident with no further action required.
541263	1/11/2024	12:51PM	364 GOLDEN BEACH DRIVE, GOLDEN BEACH	AARV	2 hours 39 minutes	78	Land	No	Automatic air release valve (AARV) malfunctioned due to debris.	Removed the leaking AARV and replaced with a new AARV.	No	Isolated incident with no further action required.
541500	1/16/2024	12:30PM	NW 87TH AVE & PARK BLVD	FM	30 minutes	30	Land	No	Check valve leaking at shaft to external lever/counter-weight.	Shaft seal packed with new gasket material.	No	No further action required.
541632	1/18/2024	3:55PM	10700 SW 47 TER	FM	1 hour 35 minutes	3260	CANAL G	Yes	14" Asbestos cement (AC) FM broken due to inferior material.	Repaired 14" AC FM.	Yes	AC FM recommended for replacement.
541883	1/23/2024	5:21PM	8025 NW 11 CT	AARV	1 hour 39 minutes	20	Land	No	Automatic air release valve (AARV) malfunctioned due to gasket failure.	Replaced leaking AARV with a new AARV	No	No further action required.
542042	1/26/2024	10:20AM	19151 NW 89 CT	GM	1 hour 40 minutes	100	LAKE GWENDOLYN	Yes	Gravity (GM) broken by non-county contractor	Repaired pipe with new section	No	Bill contractor for damage and repairs. No further action required.
542220	1/30/2024	7:47AM	10 SW SOUTH RIVER DR	GM	53 minutes	800	MIAMI RIVER	Yes	Gravity main (GM) blocked due to grease	Cleared GM blockage. Cleaned upstream and downstream branch of collection system. Cleaned impacted storm drain.	No	Isolated incident with no further action required
542248	1/30/2024	2:49PM	7272 NE 6TH CT	GM	41 minutes	125	Storm Drain	No	Gravity main (GM) blocked due to grease	Cleared GM blockage. Cleaned upstream and downstream branch of collection system	No	Isolated incident with no further action required.
542259	1/30/2024	3:50PM	18151 NE 31ST CT AVENTURA	FM	10 minutes	240	Land	No	WASD crew making a tap on 8" ductile iron (DI) force main (FM). Tapping machine shifted causing a leak on the FM.	Repaired 8" DI FM	No	Isolated incident with no further action required.
542689	2/7/2024	11:00AM	200 KINGS POINT DR SUNNY ISLES BEACH	FM	1 hour 5 minutes	920	BISCAYNE BAY	Yes	6" ductile iron (DI) force main (FM) broken due to differential loading.	Repaired 6" DI FM	Yes	FM under review by Wastewater Collection Division for funding in fiscal year 24 - 25.

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
542726	2/7/2024	4:00PM	15198 SW 56 ST	AARV	2 hours	15946	Storm Drain	No	Automatic air release valve (AARV) broken by non-county contractor.	Replaced 2" riser and new ball valve	Yes	Bill contractor for damage and repairs. No further action required.
543016	2/13/2024	12:07PM	2601 NW 68 ST	GM	1 hour 8 minutes	25	Land	No	Gravity main (GM) blocked due to grease.	Cleared GM blockage. Cleaned upstream and downstream branch of collection system	No	Isolated incident with no further action required
543760	2/27/2024	10:41AM	NW SOUTH RIVER DR & NW 1 ST	GM	2 hours 29 minutes	135	Storm Drain	No	Gravity main (GM) blocked due to grease.	Cleared GM blockage. Cleaned upstream and downstream branch of collection system	No	Isolated incident with no further action required.
544007	3/3/2024	5:00PM	155 NW 209TH ST	GM	2 hours	1000	Andover Lakes	Yes	Gravity main (GM) blockage due to heavy grease.	Cleared GM blockage. Cleaned upstream and downstream branch of collection system	Yes	DERM was notified of heavy grease from restaurants. All grease traps cleaned out. Smart covers installed.
544431	3/11/2024	1:00PM	120 NE 59 ST	GM	35 minutes	150	Storm Drain	No	Gravity main (GM) blocked due to grease and debris.	Cleared main gravity blockage, Cleaned upstream and downstream branches of the collection system.	No	Isolated incident with no further action required.
544488	3/12/2024	1:53PM	6800 NW 20 AVE	GM	32 minutes	50	Storm Drain	No	GM blocked due to grease.	Cleared GM blockage. Cleaned upstream and downstream branch of collection system.	No	Isolated incident with no further action required.
544568	3/13/2024	4:10PM	1999 NW 2 ST	GM	20 minutes	500	Storm Drain	No	GM blocked due to grease.	Cleared GM blockage. Cleaned upstream and downstream branch of collection system	No	Isolated incident with no further action required.
544970	3/21/2024	10:17PM	13400 SW 62 ST	GM	1 hour 43 minutes	75	Storm Drain	No	GM broken in various locations by unknown contractor during directional drilling.	Televised GM to locate and repair broken sections with C-900 PVC pipe and repair clamps.	Yes	Investigation is ongoing to identify and bill contractor for damage and repairs.
545148	3/25/2024	12:27PM	3150 NW 79 ST	GM	23 minutes	50	Land	No	GM blocked due to grease.	Cleared GM blockage. Cleaned upstream and downstream branch of collection system.	No	No GM maintenance required within the last 3 years. Isolated incident with no further action required.
545159	3/25/2024	2:00PM	18510 NW 84 AVE	FM	2 hours	832	Storm Drain	No	12" ductile iron (DI) force main (FM) leaking/broken due to improper bedding.	Repaired the 12" DI FM affected area with a new section	No	Isolated incident with no further action required.
545213	3/26/2024	9:03AM	1105 NW 22 AVE	AARV	32 minutes	225	South Fork Miami River	Yes	Automatic air release valve (AARV) riser, broken PVC nipple.	ARV leaking at PVC nipple. FM was shut down and new 2" ball valve nipple and ARV installed.	No	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
545230	3/26/2024	1:21PM	10830 NW 52 ST	AARV	1 hour 24 minutes	10	Land	No	AARV malfunctioning.	Replace leaking AARV	No	Isolated incident with no further action required.
545282	3/27/2024	9:04AM	SW 19 ST & SW 21 AVE	AARV	31 minutes	10	Land	No	AARV leaking caused by debris in valve.	FM was shut down and new 2" ball valve and nipple were installed. Replaced AARV.	No	Isolated incident with no further action required.

Appendix A

Supporting Documentation for SSO Events

Supporting document for January 26, 2024, event at 19151 NW 89 CT caused by non-County Contractor



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

04/18/2024 Certified 70211970000150075704

DEMCOR ASPHALT MAINTENANCE
8985 NW 168 TR
MIAMI LAKES, FL 33018

Attn: DEMFINITY CORP

Re: File No: JS10455 Customer No. 00060953

Expenses incurred by Miami-Dade Water & Sewer Department to repair and restore service to a damaged sewer lateral at 19000 NW 89th Ct. The damage occurred while Demcor Asphalt was installing drainage for The Capin Group. The contractor was excavating under Sunshine State One-Call Location Ticket # 002404251. The damage was reported to Miami-Dade Water & Sewer Department by the property owner due to reoccurring sewer back-up. The damage caused a sewer spill of approximately 80 gallons of raw sewage.

Damage/Repair Date: 01/26/2024

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 M Butler
Angela Morris-Butler
Assistant Controller - Controller Division

c: File
1004930843

7021 1970 0001 5007 5704

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®	
OFFICIAL USE	
Certified Mail Fee	\$
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and Fees	\$
Sent To: <i>Demcor Asphalt Maint.</i>	
Street and Apt. No., or PO Box No. <i>JS10455</i>	
City, State, ZIP+4®	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

Figure 1 - Notice letter to non-County Contractor

Supporting document for February 07, 2024, event at 15198 SW 56 ST, Miami, FL 33185 caused by non-County Contractor



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

04/18/2024 Certified 70211970000150075698

OY UNDERGROUND LLC
14743 SW 82nd Ter
Miami, FL 33193

Attn: YAHIMARA SOTO LOPEZ

Re: File No: JS10449 Customer No. 00032443

Expenses incurred by Miami-Dade Water & Sewer Department to repair and restore service to a damaged air release sewer force main valve at 15198 SW 56th St. The damage was caused by the contractor flipping the manhole cover to check the depth of the pipe. The excavator failed to soft dig the area prior to excavation as required by law under Florida Statute 556.105(4)(d). The contractor was working under Sunshine State One-Call Location Ticket # 023407391. The damage caused a sewer spill of approximately 15,946 gallons of raw sewage.

Damage/Repair Date 2/07/2024.

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
1004939117

7021 1970 0001 5007 5698

U.S. Postal Service™	
CERTIFIED MAIL® RECEIPT	
Domestic Mail Only	
For delivery information, visit our website at www.usps.com ™	
OFFICIAL USE	
Certified Mail Fee	
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and Fees	\$
Sent To	JS10449
Street and Apt. No., or PO Box No.	OY Underground
City, State, ZIP+4®	
PS Form 3800, April 2015 PSN 7530-02-000-9007 See Reverse for Instructions	

Figure 2 - 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 - 2024 Quarterly Report No. 1

No.	Date of Request/ Notification	Project No.	Project Status Update	Estimated Delay	Projected Completion Date	Compliance Date
1	10/20/2023 10/31/2023	CD 1.7 SDWWTP Digesters and Control Building	<p>CD 1.7 is currently behind schedule due to delays associated with the corbel modifications, sludge header piping modifications, and challenges experienced during the start-up and commissioning of Cluster 1. As detailed in the Force Majeure notification and request for time extension letter submitted on October 31, 2023, the delays at Cluster No. 1 are primarily due to the inability to achieve a stable, reliable, and sustained operation at the targeted hydraulic retention time (HRT) of 15-days, per the Basis of Design Report dated July 2015 and approved by FDEP August 19, 2016. Meeting the 15-day HRT is pre-requisite to the decommissioning of the existing operational Cluster No. 2 for rehabilitation. It was determined that the operational risks were too great to proceed with the implementation of Cluster No. 2. Thus, Cluster No. 2 construction activities have been halted pending further investigation.</p> <p>The County will provide an update by the summer of 2024.</p> <p>The current construction status for Cluster No. 1 is 97% completed.</p>	1659 days	6/6/2028	11/21/2023
2	6/28/2019 1/15/2021 3/17/2021	CD 1.11 SDWWTP General Electrical	<p>CD 1.11 was divided into three child projects: 1.11(1.1) , 1.11(1.2) and 1.11(2):</p> <ul style="list-style-type: none"> • CD 1.11(1.1) SDWWTP Substations No.9 through 12. This project is in construction. The construction of three (3) of the four (4) Substations (Nos. 9, 10 and 11) has been completed and Substation No.12 is currently under construction. This child project is 94% complete. • CD 1.11(1.2) Generator Repairs: The four (4) emergency generators are 99% complete. • CD 1.11(2) Replacement of the Primary Feeders from the Main Switchgear to Effluent Pump Stations Nos.1-6 project was completed on April 11, 2022. 	1161 days	5/30/2024	3/26/2021
3	9/10/2020 6/16/2023	CD 2.15 CDWWTP Digesters Plant 2	<p>CD 2.15 was divided into three child projects: 2.15(1), 2.15(2) and 2.15(3)</p> <ul style="list-style-type: none"> • CD 2.15(1) Digesters Cluster 1 is 99% complete. • CD 2.15(2) Digesters Cluster 2 is currently in the startup phase and being increased gradually to ensure stable digestion for performance testing. 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. This child project is 99.5% complete. • CD 2.15(3) Digesters Cluster 3 is in the procurement phase. The initiation of the construction 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. <p>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 the lessons learned and will include a conservative construction duration.</p> <p>The current construction status is 65% complete.</p>	1815 days	6/6/2028	6/18/2023
4	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 included in CD 2.15 Clusters 1 and 2 in order to perform acceptance and performance testing.</p> <p>The current construction status is 99% complete.</p>	1625 days	11/1/2024	5/21/2020

Appendix B

Progress Updates for Ongoing CD Capital Improvement Projects Beyond Compliance Date - 2024 Quarterly Report No. 1

No.	Date of Request/ Notification	Project No.	Project Status Update	Estimated Delay	Projected Completion Date	Compliance Date
5	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 the long re-bid process and SCADA modifications. Currently, equipment installation tests are being conducted for startup. The substantial completion of the project was impacted due to design and construction of the inline WAS Booster Pump Station. The inline WAS Booster Pump Station is required to proceed with startup and commissioning of New Thickening and Dewatering Building. On June 6, 2018, the County notified the EPA and FDEP of a Force Majeure which impacted the CD Compliance Date for the Thickening and Dewatering Projects. On December 28, 2022, the County submitted a Request for Time Extension and Project Status Update Notification Letter to the EPA and FDEP.</p> <p>The current construction status is 97% complete.</p>	683 days	11/19/2024	1/6/2023
6	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, SCADA modifications, design and construction of the inline WAS Booster Pump Station and dedicated roof runoff system. The inline WAS Booster Pump Station is required to proceed with startup and commissioning of New Thickening and Dewatering Building.</p> <p>The current construction status is 93% complete.</p>	899 days	6/30/2025	1/13/2023