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May 1, 2025

VIA ELECTRONIC CORRESPONDENCE

CCN: 65854

File No: 8.DC.20.32

Chief, Environmental Enforcement Section
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U.S. Department of Justice
P.O. Box 7611
Tom Mariani
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RE: DOJ No. 90-5-1-1-4022/1
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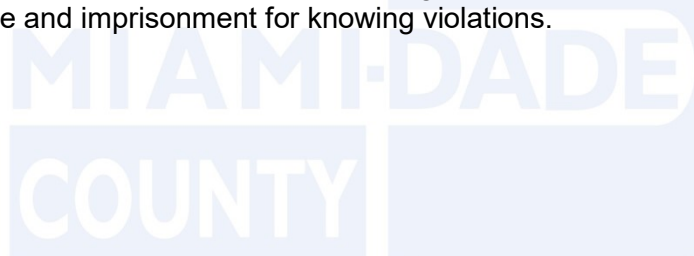
Sirena Davila
Florida Department of Environmental Protection
Southeast District – West Palm Beach
3301 Gun Club Road, MSC 7210-1
West Palm Beach, FL 33406
Attn: Compliance/Enforcement Section
Sirena.Davila@dep.state.fl.us

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 – 2025 Quarterly Report
No. 1

Dear Sir or Madam:

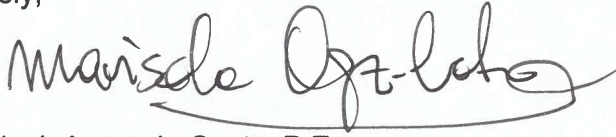
In accordance with the provisions of Paragraph 32 of the above referenced Consent Decree, on behalf of Miami-Dade County, the Water and Sewer Department (WASD) submits to the Environmental Protection Agency (EPA) and the State of Florida Department of Environmental Protection (FDEP) the 2025 Quarterly Report No. 1. The 2025 Quarterly Report No. 1 covers the period from January 1, 2025, to March 31, 2025.

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
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cc:

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Roger Williams (CD PMCM)



2025 Quarterly Report No. 1

(Forty-First Quarterly Report)

January 1, 2025, through March 31, 2025

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

2025 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 2025 Quarterly Report No. 1 on or before May 1, 2025.

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 was no event that would qualify under Section X Paragraph 42 (vi) as described above.

3.1 SSOs (Excluding Building Backups)

Table 1 (page 4) documents all SSO events, excluding Building Backups (BBUs), for the first calendar quarter of 2025. There was a total of thirty-two (32) SSO events:

- Ten (10) events involved force mains.
- Seventeen (17) events involved gravity mains.
- Five (5) events involved air release valves.

There were two (2) 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.

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 A.

6.0 Amendment to Previous Quarterly Report

No amendment was made to the 2024 Quarterly Report No. 4.

Table 1 - 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
560824	1/2/2025	7:57AM	7400 NW 41 ST	ARV	2 hours 3 minutes	17,523	Storm Drain	No	Manual Air Release Valve (ARV) broken at nipple on the corporation.	Replaced broken ARV.	No	No further action required.
560944	1/4/2025	12:30PM	11111 SW 88 ST	GM	1 day 1 hour	99	Storm Drain	No	Gravity Main (GM) blockage due to grease.	Cleared main gravity blockage, Cleaned upstream and downstream branches of the collection system.	Yes	Designated for accelerated cleaning cycle.
560974	1/5/2025	11:00AM	16385 BISCAYNE BLVD, NORTH MIAMI BEACH	GM	2 hours	50	Storm Drain	No	GM blockage due to grease.	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system	No	No further action required.
561293	1/10/2025	11:36AM	16480 NE 20 AVE, NORTH MIAMI BEACH	GM	1 hour 44 minutes	40	Land	No	GM blockage due to grease.	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system.	No	No further action required.
561517	1/14/2025	11:30AM	STERLING DR & FRANJO RD, CUTLER BAY	ARV	1 hour 15 minutes	1,125	Land	No	ARV broken by contractor.	ARV was plugged and abandoned at the corporation.	No	No further action required.
561592	1/15/2025	4:29PM	7950 NW 2ND ST	GM	1 hour 11 minutes	75	Storm Drain	No	GM blockage due to grease.	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system.	No	No further action required.
561676	1/17/2025	9:15AM	SW 97 AVE & STERLING DR, CUTLER BAY	FM	1 hour 5 minutes	1,300	Land	No	6" Cast Iron (CI) Force Main (FM) broken due to point load.	Repaired broken 6" CI FM	No	No further action required.
561893	1/21/2025	4:30PM	9755 NW 52ND ST, DORAL	GM	30 minutes	600	Storm Drain	No	GM blockage due to grease and debris.	Cleared main gravity blockage, Cleaned upstream and downstream branches of the collection system.	No	No further action required.
562064	1/24/2025	2:00PM	7950 NW 77 ST, MEDLEY	GM	4 hours 45 minutes	275	Storm Drain	No	GM blockage due to grease.	Cleared main gravity blockage, Cleaned upstream and downstream branches of the collection system.	No	No further action required.
562298	1/28/2025	11:30AM	430 SW 8 AVE, MIAMI	GM	45 minutes	100	Storm Drain	No	GM/ Lateral blockage due to grease.	Cleared lateral blockage. Cleaned upstream and downstream branch of collections system.	No	No further action required.

Table 1 - 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
562413	1/30/2025	9:45AM	23005 SW 128 PL	GM	1 hour 30 minutes	250	Storm Drain	No	GM blockage due to grease.	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system	No	No further action required.
562440	1/30/2025	7:23PM	1340 NW 203 ST	GM	3 hours 37 minutes	30	Land	No	GM blockage due to grease.	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system	No	No further action required.
562524	1/31/2025	5:42PM	NW 205 ST & NW 33RD CT, MIAMI GARDENS	GM	5 hours 18 minutes	40	Land	No	GM broken due to differential loading.	Repaired broken gravity main	No	No further action required.
562659	2/3/2025	1:53PM	8141 SW 198th ST, CUTLER BAY	AARV	1 hour 7 minutes	25	Storm Drain	No	Automatic air release valve (AARV) malfunctioned due to gasket failure.	Replaced AARV.	No	No further action required.
562812	2/6/2025	8:09AM	201 W 74 PL, HIALEAH	AARV	2 hours 21 minutes	800	Land	No	AARV broken by Miami-Dade County Parc, Recreation and Open Space Department.	Repaired AARV.	No	No further action required.
562886	2/7/2025	8:47AM	28450 SW 152 AVE	FM	1 hour 13 minutes	475	Storm Drain	No	8" Asbestos cement (AC) FM broken due to differential loading.	Repaired FM.	Yes	Replace AC FM with standard materials.
562915	2/7/2025	1:36PM	SE 1 ST & S BISCAYNE BLVD, MIAMI	GM	39 minutes	75	Storm Drain	No	GM blockage due to grease.	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system.	No	No further action required.
563004	2/9/2025	12:05PM	41 NE 17 TER, MIAMI	GM	1 hour 25 minutes	50	Storm Drain	No	GM blockage due to grease and debris.	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system.	No	No further action required.
563034	2/10/2025	10:03AM	16360 SW 78 ST	ARV	42 minutes	300	Storm Drain	No	ARV leaking at threads on the corporation.	Rebuilt ARV and replaced corporation stop.	No	No further action required.

Table 1 - 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
563214	2/13/2025	12:00AM	17580 NW 52 AVE	GM	2 hours	40	Land	No	GM blockage due to grease.	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system.	No	No further action required.
563910	2/27/2025	1:10PM	3801 NW 11TH ST, MIAMI	FM	5 hours 20 minutes	607,593	COMFORT CANAL	Yes	6" AC FM broken by non-County contractor.	Repaired and inactivated FM.	Yes	Recommended for evaluation.
564131	3/3/2025	4:10PM	NW 37 AVE & NW 11 ST, MIAMI	FM	1 hour	325	Land	No	6" AC FM broken due to substandard material and differential loading	Repaired and inactivated FM.	Yes	Recommended for evaluation.
564155	3/4/2025	8:39AM	NW 37 AVE & NW 11 ST, MIAMI	FM	1 hour 21 minutes	280	Land	No	6" AC FM broken due to differential loading	Repaired and inactivated FM.	Yes	Recommended for evaluation.
564513	3/11/2025	11:24AM	18701 LENAIRE DR, CUTLER BAY	FM	36 minutes	652	CUTLER DRAIN CANAL	Yes	8" CI FM leaking at failed joint.	Repaired leaking force main with solid sleeve.	No	No further action required.
564516	3/11/2025	12:00PM	9161 W FLAGLER ST	FM	2 hours 30 minutes	11,267	Storm Drain	No	42" Ductile iron (DI) FM broken by contractor.	Repaired broken 42" DI force main.	No	No further action required.
564518	3/11/2025	2:00PM	830 NW 210 ST, MIAMI GARDENS	GM	2 hours	60	Storm Drain	No	GM blockage due to grease.	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system.	No	No further action required.
564550	3/11/2025	8:00PM	13805 SW 264 ST	GM	1 hour 5 minutes	100	Land	No	GM blockage due to debris (new construction).	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system.	No	No further action required.
564739	3/15/2025	10:48AM	6861 SW 147 AVE	GM	1 hour 52 minutes	300	Storm Drain	No	GM blockage due to grease.	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system.	Yes	Location to be monitored and evaluated for Smart Cover installation.
564880	3/18/2025	9:50AM	10770 SW 6 ST, SWEETWATER	FM	1 hour	280	Storm Drain	No	2" PVC FM to Private Lift Station broken due to substandard material.	Replaced 2" PVC FM at connection point with standard material.	Yes	Requested DERM follow up with Private PS owner to ensure private side of FM is replaced with standard material.

Table 1 - 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
565086	3/21/2025	11:03PM	3100 NW 207 ST, MIAMI GARDENS	FM	57 minutes	180	Land	No	4" AC force main broken by contractor.	Repaired broken 4" AC force main	Yes	AC FM recommended for replacement.
565167	3/24/2025	12:20PM	2950 SW 114 AVE	FM	55 minutes	210	Land	No	6" DI force main broken due to improper bedding.	Repaired broken 6" DI force main	No	No further action required.
565425	3/28/2025	1:00PM	30350 SW 154 AVE	GM	4 hours 30 minutes	30	Land	No	Gravity main blockage due to grease.	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system.	No	No further action required.

Appendix A

Quarterly Update of Select Consent Decree Capital Improvement Projects

Appendix A

Progress Updates for Ongoing CD Capital Improvement Projects Beyond Compliance Date - 2025 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 upon receipt and review of the findings from the investigation on this project.</p> <p>The current construction status for Cluster No. 1 is 87% completed.</p>	1659 Days	6/6/2028	11/21/2023
2	9/10/2020 6/16/2023	CD 2.15 CDWWTP Digesters Plant 2	<p>CD 2.15 was divided into three (3) 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 lessons learned and incorporates a conservative construction duration.</p> <p>The current construction status is 65% complete.</p>	1815 Days	6/6/2028	6/18/2023
3	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.</p> <p>The current construction status is 99% complete.</p>	2050 Days	12/31/2025	5/21/2020
4	6/6/2018 12/28/2022	CD 1.6/ CD 1.8 SDWWTP Thickening and Dewatering Projects	<p>These projects are currently in construction and were 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 99% complete.</p>	1096 Days	1/6/2026	1/6/2023
5	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>These projects are currently in construction and were impacted due to the 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 96% complete.</p>	1096 Days	1/13/2026	1/13/2023

Appendix A

Progress Updates for Ongoing CD Capital Improvement Projects Beyond Compliance Date - 2025 Quarterly Report No. 1

No.	Date of Request/ Notification	Project No.	Project Status Update	Estimated Delay	Projected Completion Date	Compliance Date
6	11/15/2023	CD 2.8 Secondary Clarifiers Plant 2	<p>CD 2.8 was divided into three (3) child projects: 2.08(1), 2.08(2) and 2.08(3)</p> <ul style="list-style-type: none">• CD 2.8(1) Replacement of RAS Pump discharge piping met substantial completion on March 15, 2023, ahead of the EPA completion date.• CD 2.8(2) Upgrades of ten (10) Tank Mechanisms for Digesters at Cluster 2 with three (3) tank mechanisms in construction and seven (7) tank mechanisms are complete.• CD 2.8(3) Structural Rehabilitation of ten (10) Secondary Clarifier Tanks with two (2) tanks in construction and eight (8) tanks are complete. <p>On November 15, 2023, the County submitted a Force Majeure Notification and Request for Time Extension to the EPA and FDEP. This project required contractor warranty repairs on four (4) of the (5) clarifier tanks completed due to select areas of the tank coating were loose and peeling. This project also experienced delays due to plant operation constraints that limit the construction work to the dry weather season and only two (2) clarifiers out of service at one time.</p> <p>The current construction status is 93% complete.</p>	1125 Days	12/31/2027	12/1/2024