



Daniella Levine Cava, Mayor

Water and Sewer
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October 30, 2025

VIA ELECTRONIC CORRESPONDENCE

CCN: 66053

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

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

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

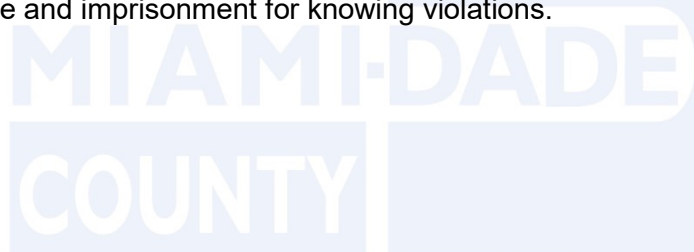
Sirena Davila
Florida Department of Environmental Protection
Southeast District – West Palm Beach
3301 Gun Club Road, MSC 7210-1
West Palm Beach, FL 33406
Attn: Compliance/Enforcement Section
Sirena.Davila@dep.state.fl.us

**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. 3**

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. 3. The 2025 Quarterly Report No. 3 covers the period from July 1, 2025, to September 30, 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,



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

cc:

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2025 Quarterly Report No. 3

(Forty-Third Quarterly Report)

July 1, 2025, through September 30, 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

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2025 Quarterly Report No. 3

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. 3 on or before October 30, 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' 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 one event that would qualify under Section X Paragraph 42 (vi) as described above. This SSO event is described in Table 1 and the associated supporting documentation can be found in Appendix A.

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

	Date	Location	Volume (gallons)	Third Party
1	8/15/2025	26802 SW 127 AVE	23,417	MIA Underground Serv.

3.1 SSOs (Excluding Building Backups)

Table 2 (page 4) documents all SSO events, excluding Building Backups (BBUs), for the third calendar quarter of 2025. There was a total of seventeen (17) SSO events:

- Eight (8) events involved force mains.
- Nine (9) events involved gravity mains.

There was one (1) SSO event 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 B.

6.0 Amendment to Previous Quarterly Report

No amendment was made to the 2025 Quarterly Report No. 2.

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
571125	7/17/2025	2:00PM	12700 NW 30 AVE OPA-LOCKA 33054	FM	4 hours 50 minutes	1,703,686	NW 127 Ave canal	Yes	20" Force main thought to be inactive was being removed as part of a demolition project.	A blind flange was installed on the 20" force main	Yes	Reconcile GIS information with field investigation findings.
571311	7/21/2025	11:46AM	3667 S MIAMI AVE MIAMI 33133	GM	1 hour 24 minutes	90	Land	No	Gravity main blockage due to grease and debris.	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.
571350	7/21/2025	8:30PM	SW 122ND AVE & SW 125 ST UNINCORPORATED MIAMI-DADE 33186	FM	2 hours	786	Storm Drain	No	8" Ductile Iron (DI) FM leaking due to improper bedding.	Repaired 8" DI FM.	No	No further action required.
571498	7/23/2025	7:30PM	8301 SW 137TH AVE UNINCORPORATED MIAMI-DADE 33183	FM	30 minutes	30	Storm Drain	No	Inactive 12" Asbestos Cement FM damaged by County Staff. Residual flow discharged.	Capped 12" inactive AC FM.	Yes	FM confirmed to be inactive by conducting dye test and all valves/point of connection closed.
571935	8/1/2025	9:20AM	2121 SW 3 AVE MIAMI 33129	GM	45 minutes	60	Storm Drain	No	Gravity main blockage due to grease.	Cleared grease blockage. Cleaned downstream branch of the collection system.	No	No gravity main maintenance required within the last 3 years. Isolated incident with no further action required.
572172	8/6/2025	2:00PM	9100 NW 36 ST DORAL 33178	FM	5 minutes	200	Storm Drain	No	6" DI FM leaking due to legacy/improper cap after valve exercise operation.	Cap replaced with Standard WASD Material.	No	No further action required.
572598	8/13/2025	5:15PM	11420 SW 109 RD UNINCORPORATED MIAMI-DADE 33176	FM	45 minutes	5,980	Storm Drain	No	8" AC FM broken by non-County contractor.	Repaired broken 8" AC FM.	Yes	AC FM under review by WWCTLD to request funding allocation in fiscal year 25-26.
572690	8/15/2025	3:30PM	26802 SW 127TH AVE UNINCORPORATED MIAMI-DADE 33032	FM	40 minutes	23,417	Land	No	12" Polyvivil Chloride (PVC) broken by non-County contractor	Repaired broken 12" PVC force main.	No	Bill non-County contractor for damages. No further action required.
573001	8/21/2025	2:30PM	160 HARBOR DR KEY BISCAYNE 33149	FM	5 minutes	120	Land	No	8" DI FM leaking during testing.	Repaired leaking 8" DI FM.	No	No further action required.
573188	8/25/2025	11:56AM	283 HARBOR CT KEY BISCAYNE 33149	GM	1 hour 4 minutes	50	Storm Drain	No	Lateral broken at tie-in with Manhole,.	Full lateral relayed.	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
573412	8/28/2025	2:39PM	7724 NW 56TH ST DORAL 33166	GM	4 hours 51 minutes	10	Storm Drain	No	Lateral blockage due to grease and debris	Cleared lateral blockage. Inspected (CCTV) lateral and found no defect.	No	No further action required.
573970	9/8/2025	10:00PM	2465 SW 17 AVE MIAMI 33145	GM	2 days 16 hours	67,000	Storm Drain	No	Gravity main system with surcharged conditions.	Maintained pump station and overflowing manholes with vactors and tankers to control flows.	Yes	Basin under I/I evaluation to identify potential repairs and/or upgrades.
574182	9/11/2025	10:30AM	7105 SW 47TH ST UNINCORPORATED MIAMI- DADE 33155	GM	3 hours	900	Storm Drain	No	Gravity main blockage due to grease.	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system.	No	No further action required.
574596	9/18/2025	9:25AM	31260 SW 136 AVE HOMESTEAD 33033	FM	35 minutes	875	Storm Drain	No	10" PVC FM leaking due to split gasket.	Repaired broken force main	No	No further action required.
574656	9/19/2025	11:00AM	685 OCEAN DR KEY BISCAYNE 33149	GM	1 hour	15	Land	No	Gravity main blockage due to grease.	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system.	No	GM maintenance required within the last 3 years. Install a smart cover.

Appendix A

Supporting Documentation for SSO Events

Supporting document for May 13, 2025, event at 10675 SW 190 Street caused by a liable non-County contractor

09/19/2025

Certified Mail
Return Receipt Requested

M I A UNDERGROUND SERVICE INC
18475 SW 220TH ST
MIAMI, FL 33170

Reference : File No: JS11429

Customer No. 00037178

Expenses incurred by Miami-Dade Water & Sewer Department to repair and restore service to a damaged sewer lateral at 26802 SW 127th Ave. The damage occurred by directional drilling while MIA Underground Services was installing traffic signal conduits for Florida Signal and Lighting. The contractor failed to wait the required 2 full days prior to excavating as required by law under Florida Statute 556.105 (9)(c). The damage created a sewer spill of approximately 23,417 gallons of raw sewage. The contractor was excavating under Sunshine State One-Call Location Ticket # 226507939.

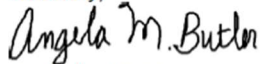
Damage Repair Date: 08/15/2025

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 the Special Collections Unit at (786) 552-8171. Thank you for your cooperation.

Sincerely,



Controller Division
Special Collections Unit

c: File
1005284074

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 - 2025 Quarterly Report No. 3

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	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. The County will provide an update upon receipt and review of the findings from the investigation on this project. The current construction status for Cluster No. 1 is 87% completed.	1659 Days	6/6/2028	11/21/2023
2	9/10/2020 6/16/2023	CD 2.15 CDWWTP Digesters Plant 2	CD 2.15 was divided into three (3) child projects: 2.15(1), 2.15(2) and 2.15(3) - 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. 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. The current construction status is 65% complete.	1815 Days	6/6/2028	6/18/2023
3	1/10/2020	CD 2.19 CDWWTP Co-generation Facility	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. The current construction status is 99% complete.	2050 Days	12/31/2025	5/21/2020
4	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	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. 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. The current construction status is 97% complete.	1096 Days	1/13/2026	1/13/2023
5	11/15/2023	CD 2.8 Secondary Clarifiers Plant 2	CD 2.8 was divided into three (3) child projects: 2.8(1), 2.8(2) and 2.8(3) - 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: two (2) tank mechanisms are pending construction and eight (8) tank mechanisms are complete. - CD 2.8(3) Structural Rehabilitation of ten (10) Secondary Clarifier Tanks with one (1) tank pending construction, one (1) tank in construction and eight (8) tanks are complete. 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. The current construction status is 93% complete.	1125 Days	12/31/2027	12/1/2024