



Daniella Levine Cava, Mayor

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VIA ELECTRONIC CORRESPONDENCE

CCN: 65963

File No: 8.DC.20.32

July 30, 2025

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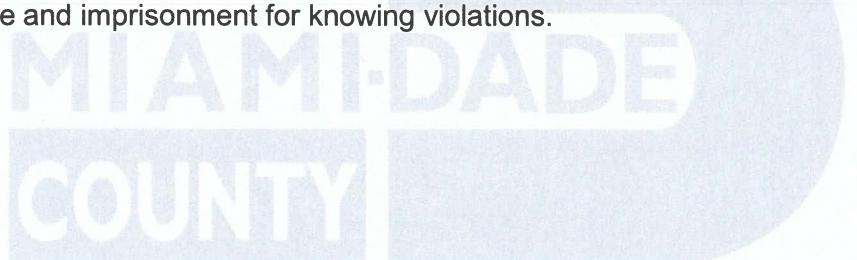
Sirena Davila
Florida Department of Environmental Protection
Southeast District – West Palm Beach
3301 Gun Club Road, MSC 7210-1
West Palm Beach, FL 33406
Attn: Compliance/Enforcement Section
Sirena.Davila@dep.state.fl.us

**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. 2**

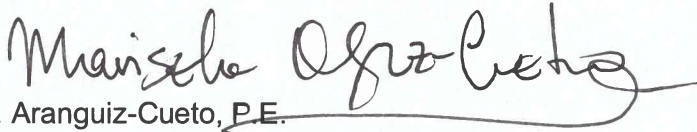
Dear Sir or Madam:

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 2025 Quarterly Report No. 2. The 2025 Quarterly Report No. 2 covers the period from April 1, 2025, to June 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,



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

cc:

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Oscar Aguirre (RER-DERM)
Roger Williams (CD PMCM)



2025 Quarterly Report No. 2

(Forty-Second Quarterly Report)

April 1, 2025, through June 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. 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 2025 Quarterly Report No. 2 on or before July 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’ 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 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	5/13/2025	10675 SW 190 ST	1,248	Mastec, Inc.

3.1 SSOs (Excluding Building Backups)

Table 2 (page 4) documents all SSO events, excluding Building Backups (BBUs), for the second calendar quarter of 2025. There was a total of fifteen (15) SSO events:

- Five (5) events involved force mains.
- Eight (8) events involved gravity mains.
- Two (2) events involved air release valves.

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. 1.

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
565725	4/3/2025	11:30AM	252 NE 78 ST MIAMI 33138	GM	10 minutes	95	Storm Drain	No	Gravity main (GM) blockage due to grease.	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system	No	Isolated incident with no further action required.
565816	4/4/2025	7:39PM	155 NW 209 ST MIAMI GARDENS 33169	GM	3 hours 1 minute	70	Storm Drain	No	GM blockage due to grease.	Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system	Yes	GM maintenance required within the last three years. Referred to DERM for enforcement to investigate source of heavy grease.
566088	4/10/2025	11:00AM	17623 HOMESTEAD AVE UNINCORPORATED MIAMI-DADE 33157	FM	1 hour	320	Land	No	4" Asbestos Cement (AC) force main (FM) broken by non-County Contractor.	Repaired broken AC FM.	Yes	FM will be recommended for replacement.
566437	4/17/2025	11:00AM	801 W 49 ST HIALEAH 33012	AARV	1 hour	1280	LITTLE RIVER CANAL	Yes	Automatic Air Release Valve (AARV) leaking at 2" threaded nipple.	Replaced leaking section with new 2" schedule-80 polyvinyl chloride (PVC)	Yes	Isolated event with no further action required.
566654	4/22/2025	4:33PM	7800 NE 2ND AVE MIAMI 33138	GM	1 hour 45 minutes	99	Storm Drain	No	GM maintenance blockage due to grease and debris.	Cleared GM blockage. Cleaned upstream and downstream branch of collection system.	Yes	GM maintenance required within the last month. Designated as Hot Spot with accelerated cleaning cycle.
566816	4/25/2025	3:00PM	5969 NW 151 ST MIAMI LAKES 33014	GM	30 minutes	87	Storm Drain	No	Lateral blockage due to roots.	Repaired broken lateral.	No	Isolated event with no further action required.
567360	5/6/2025	3:30PM	9300 SW 79 AVE UNINCORPORATED MIAMI-DADE 33156	FM	1 hour	90	Land	No	6" PVC FM leaking due to failure / non-standard material.	Repaired leaking 6" PVC FM.	Yes	FM under review to request funding allocation in FY 25-26.
567504	5/9/2025	8:48PM	SW 24 ST & SW 70 CT UNINCORPORATED MIAMI-DADE 33155	GM	1 hour 32 minutes	30	Storm Drain	No	GM blockage due to debris.	Removed debris from manhole. Cleared gravity main blockage. Cleaned upstream and downstream branch of collection system.	No	No further action required.
567702	5/13/2025	2:00PM	10675 SW 190 ST UNINCORPORATED MIAMI-DADE 33157	FM	45 minutes	1248	Storm Drain	No	6" PVC FM broken by non-County contractor.	Repaired broken 6" PVC force main	No	Bill non-County contractor for damages. 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
567926	5/16/2025	12:37PM	9250 SW 58 TER UNINCORPORATED MIAMI- DADE 33173	FM	53 minutes	475	Land	No	6" CI FM broken due to differential loading.	Repaired 6" CI broken FM.	No	No further action required.
567927	5/16/2025	12:15PM	2731 NE 2 AVE MIAMI 33137	GM	1 hour	150	Land	No	Lateral blockage due to roots.	Relayed sewer lateral.	No	No further action required.
568148	5/20/2025	9:06AM	11005 SW 84 ST UNINCORPORATED MIAMI- DADE 33173	ARV	1 hour 24 minutes	1052	Storm Drain	No	Unmarked ARV leaking thru pin-sized hole.	Abandoned / capped off ARV at FM.	No	No further action required.
568552	5/29/2025	11:13AM	SW 122 AVE & SW 14 ST UNINCORPORATED MIAMI- DADE 33184	FM	1 hour 47 minutes	20	Land	No	Check valve leaking on 30" CI FM.	Removed check valve and replaced with section of new pipe.	Yes	AASIS ticket filed to reconcile GIS.
569030	6/6/2025	9:30AM	NW 60TH ST & NW 7TH AVE MIAMI 33127	GM	30 minutes	10	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.
569585	6/18/2025	12:19AM	NW 22 ST & N MIAMI AVE MIAMI 33127	GM	1 hour 11 minutes	55	Land	No	GM blockage due to grease.	Cleared GM blockage. Cleaned upstream and downstream branch of collection system.	No	No further action required.

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

07/11/2025

Certified Mail
Return Receipt Requested

MASTEC, INC.
800 S. Douglas Rd., SUITE 1200
CORAL GABLES, FL 33134

Reference : File No: JS11295

Customer No. 00000330

Expenses incurred by Miami-Dade Water & Sewer Department to repair and restore service to a damaged sewer gravity force main at 10675 SW 190th St. The damage occurred while Mastec was excavating a splice pit within the tolerance zone of a marked PVC sewer force main when the main was inadvertently damaged. The excavator failed to verify the depth of the conflicting facilities by soft digging/potholing prior to excavation as required by law under Florida Statute 556.105(5)(c). The damage created a sewer spill of approximately 1,248 gallons of raw sewage. The contractor was working under Sunshine State One-Call Location Ticket # 108501566. The area was marked.

Damage/Repair Date: 5/13/2025

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
1005227427

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. 2

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 5/23/2025	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 letter to EPA and FDEP requesting a time extension with a new proposed compliance date of January 6, 2026. This project achieved substantial completion on April 16, 2025 ahead of the requested new proposed compliance date of January 6, 2026 and a Notification of Completion Letter was submitted to EPA and FDEP on May 23, 2025.</p> <p>The current construction status is 100% complete.</p>	831 Days	4/16/2025	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. 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>	1096 Days	1/13/2026	1/13/2023
6	11/15/2023	CD 2.8 Secondary Clarifiers Plant 2	<p>CD 2.8 was divided into three (3) child projects: 2.8(1), 2.8(2) and 2.8(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 two (2) tank mechanisms pending construction, one (1) tank mechanism 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 pending 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