



Daniella Levine Cava, Mayor

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July 29, 2026

**VIA ELECTRONIC CORRESPONDENCE**

CCN:66431

File No: 8.DC.20.32

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**SUBJECT: 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 – 2026 Quarterly  
Report No. 2**

Dear Sir or Madam:

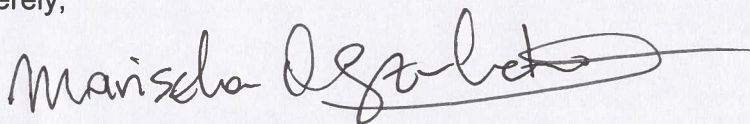
In accordance with the provisions of Paragraph 32 of the above referenced Consent Decree, on behalf of Miami-Dade County, the Water and Sewer Department (WASD) submits to the U.S. Environmental Protection Agency (EPA) and the State of Florida Department of Environmental Protection (FDEP) the 2026 Quarterly Report No. 2. The 2026 Quarterly Report No. 2 covers the period from April 1, 2026, to June 30, 2026.

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.  
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ec:

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## **2026 Quarterly Report No. 2**

(Forty-Sixth Quarterly Report)

April 1, 2026, through June 30, 2026

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Prepared for

**United States Environmental Protection Agency and  
Florida Department of Environmental Protection**

**Consent Decree**  
**Case: No. 1:12-cv-24400-FAM**

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Prepared by

**Miami-Dade County, Miami-Dade Water and Sewer Department**

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## **2026 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 2026 Quarterly Report No. 2 on or before July 30, 2026.

### **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 second calendar quarter of 2026. There was a total of eighteen (18) SSO events:

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

There was one 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 recorded 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                     |
| DERM  | Department of Environmental Resources           |
| 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   | Regulatory and Economic Resources               |
| 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 2026 Quarterly Report No. 1.



| Table 1 - Sanitary Sewer Overflow (SSOs) |           |         |                                              |        |                         |                       |                            |                      |              |              |                                                                                              |                                                                                        |               |                                                                     |
|------------------------------------------|-----------|---------|----------------------------------------------|--------|-------------------------|-----------------------|----------------------------|----------------------|--------------|--------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------|
| CCID                                     | Date      | Time    | Location                                     | Source | Est. Duration<br>hr:min | Est. Volume<br>(gal.) | Recovered Volume<br>(gal.) | Net Volume<br>(gal.) | Destination  | Waters of US | Cause                                                                                        | Immediate Fix                                                                          | Long Term Fix |                                                                     |
|                                          |           |         |                                              |        |                         |                       |                            |                      |              |              |                                                                                              |                                                                                        | Req'd         | Solution                                                            |
| 585339                                   | 4/4/2026  | 11:57PM | SW 112 AVE & SW 112 ST                       | FM     | 3 hours 3 minutes       | 23,919                | 8,000                      | 15,919               | Storm Drain  | No           | 16" Ductile iron (DI) force main (FM) broken due to point load.                              | Repaired broken segment of DI FM.                                                      | No            | No further action required.                                         |
| 585422                                   | 4/6/2026  | 5:03PM  | NW 64 Court RD & NW 199 LN                   | AARV   | 1 hour 32 minutes       | 5                     | 0                          | 5                    | Land         | No           | Automatic Air Release Valve (AARV) leaking.                                                  | Replaced leaking AARV.                                                                 | No            | No further action required.                                         |
| 585497                                   | 4/8/2026  | 8:34AM  | E Country Club DR & Yacht Club WAY, Aventura | AARV   | 2 hours 26 minutes      | 50                    | 20                         | 30                   | Land         | No           | AARV became loose at saddle connection.                                                      | Replaced AARV.                                                                         | No            | No further action required.                                         |
| 585520                                   | 4/8/2026  | 1:10PM  | 135 NW 209 ST. Miami Gardens                 | GM     | 25 minutes              | 50                    | 20                         | 30                   | Storm Drain  | No           | Gravity main (GM) blockage due to grease                                                     | Cleared GM blockage. Cleaned upstream and downstream branch of collection system.      | Yes           | GM Line scheduled to be repair after CCTV identified pipe defect.   |
| 585690                                   | 4/11/2026 | 6:40PM  | 8640 SW 212TH ST, Cutler Bay                 | GM     | 30 minutes              | 100                   | 80                         | 20                   | Storm Drain  | No           | GM blockage due to grease.                                                                   | Cleared GM blockage. Cleaned upstream and downstream branch of collection system.      | No            | No further action required.                                         |
| 586486                                   | 4/26/2026 | 11:45AM | 8000 SW 152ND AVE                            | FM     | 2 hours                 | 940                   | 500                        | 440                  | Storm Drain  | No           | 12" Cast Iron (CI) FM broken due to point load (split on pipe).                              | Repaired 12" CI broken FM.                                                             | No            | No further action required.                                         |
| 586791                                   | 5/1/2026  | 10:28AM | 6405 NW 200 ST                               | FM     | 1 hour 2 minutes        | 340                   | 200                        | 140                  | Land         | No           | 8" DI FM leaking at joint.                                                                   | Repaired 8" DI FM.                                                                     | No            | No further action required.                                         |
| 587099                                   | 5/7/2026  | 10:00AM | 408 SW 5TH ST, Miami                         | GM     | 1 hour                  | 10                    | 0                          | 10                   | Storm Drain  | No           | GM blockage due to debris                                                                    | Cleared GM blockage. Cleaned upstream and downstream branch of collection system.      | No            | No further action required.                                         |
| 587196                                   | 5/8/2026  | 9:30PM  | 3670 SW 20 ST, Miami                         | GM     | 30 minutes              | 20                    | 20                         | 0                    | Land         | No           | Lateral side blockage due to debris.                                                         | Cleared lateral blockage. Cleaned upstream and downstream branch of collection system. | No            | No further action required.                                         |
| 587312                                   | 5/11/2026 | 9:58PM  | 1800 NW 75 ST                                | FM     | 1 hour 32 minutes       | 4,706                 | 1,200                      | 3,506                | Land         | No           | 12" DI FM broken by a county contractor                                                      | Repaired 12" DI FM broken by county contractor.                                        | No            | Bill contractor for damage and repairs. No further action required. |
| 588123                                   | 5/26/2026 | 4:45PM  | 1101 Parrot Jungle TRL, Miami                | FM     | 15 minutes              | 810                   | 400                        | 410                  | Biscayne Bay | Yes          | 12" DI FM leaking                                                                            | Repaired broken 12" DI FM.                                                             | Yes           | Recommended for replacement.                                        |
| 588417                                   | 6/1/2026  | 8:15AM  | 4602 SW 129 CT                               | FM     | 15 minutes              | 75                    | 40                         | 35                   | Land         | No           | 12" Asbestos cement (AC) FM broken by county contractor due to inaccurate as-built drawings. | Repaired broken section of 12" AC FM.                                                  | Yes           | AC FM will be replaced as part of ongoing project.                  |
| 588732                                   | 6/5/2026  | 12:41PM | 1236 N Venetian WAY, Miami                   | FM     | 59 minutes              | 836                   | 200                        | 636                  | Storm Drain  | No           | 6" DI FM broken due to point load.                                                           | Repaired broken section of the 6" DI FM.                                               | No            | No further action required.                                         |
| 588754                                   | 6/5/2026  | 5:00PM  | 18174 NW 59TH AVE                            | GM     | 2 hours 20 minutes      | 25                    | 10                         | 15                   | Land         | No           | GM blockage due to grease.                                                                   | Cleared GM blockage. Cleaned upstream and downstream branch of collection system.      | No            | No further action required.                                         |
| 589339                                   | 6/16/2026 | 8:45AM  | 930 Venetian CSWY                            | FM     | 1 hour 25 minutes       | 220                   | 200                        | 20                   | Land         | No           | 10" CI FM broken by county contractor.                                                       | Repaired broken segment of 10" CI FM.                                                  | No            | Bill contractor for damage and repairs. No further action required. |

| Table 1 - Sanitary Sewer Overflow (SSOs) |           |         |                      |        |                         |                       |                            |                      |             |              |                                       |                                                                                                                   |               |                             |
|------------------------------------------|-----------|---------|----------------------|--------|-------------------------|-----------------------|----------------------------|----------------------|-------------|--------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------|
| CCID                                     | Date      | Time    | Location             | Source | Est. Duration<br>hr:min | Est. Volume<br>(gal.) | Recovered Volume<br>(gal.) | Net Volume<br>(gal.) | Destination | Waters of US | Cause                                 | Immediate Fix                                                                                                     | Long Term Fix |                             |
|                                          |           |         |                      |        |                         |                       |                            |                      |             |              |                                       |                                                                                                                   | Req'd         | Solution                    |
| 589347                                   | 6/16/2026 | 10:00AM | 7043 NE 2 AVE, Miami | GM     | 2 hours 5 minutes       | 100                   | 75                         | 25                   | Storm Drain | No           | GM blockage due to grease.            | Cleared GM blockage. Cleaned upstream and downstream branch of collection system. Install smart cover at MH 0073. | No            | No further action required. |
| 589352                                   | 6/16/2026 | 9:39AM  | 2081 NW 30 ST, Miami | GM     | 51 minutes              | 10                    | 0                          | 10                   | Storm Drain | No           | GM blockage due to grease and debris. | Cleared GM blockage. Cleaned upstream and downstream branch of collection system.                                 | Yes           | Install Smart Cover.        |
| 589856                                   | 6/25/2026 | 8:08PM  | 4351 NW 9 ST, Miami  | GM     | 11 minutes              | 30                    | 15                         | 15                   | Storm Drain | No           | Lateral side blockage due to grease.  | Cleared lateral 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

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## Appendix A

### Progress Updates for Ongoing CD Capital Improvement Projects Beyond Compliance Date - 2026 Quarterly Report No. 2

| No. | Date of Request/<br>Notification | Project No.                                                                                           | Project Status Update                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Estimated Delay | Projected<br>Completion Date | Compliance Date |
|-----|----------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------|-----------------|
| 1   | 10/20/2023<br>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<br>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"> <li>• CD 2.15(1) Digesters Cluster 1 is 99% complete.</li> <li>• 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.</li> <li>• 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.</li> </ul> <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       | 6/30/2026                    | 5/21/2020       |
| 4   | 5/21/2018                        | CD 2.14 CDWWTP Digesters Plant 1                                                                      | <p>This project was evaluated in conjunction with overall plant digestion capacity requirements for both Consent Decree and Ocean Outfall Programs and it was determined that Plant 1 digestion treatment will no longer be required once the Consent Decree program upgrades for Plant 2 digesters 1, 2 and 3 are complete. The CD Program Schedule has been updated to reflect a validation period after the Commissioning of Digesters Plant 2 Cluster 2 and the new Thickening and Dewatering Facilities. WASD submitted a project cancellation request letter to EPA and FDEP on 5/21/18. Request is pending approval until Plant 2 digesters 1, 2 and 3 are complete.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 870 Days        | 6/6/2028                     | 1/19/2026       |
| 5   | 6/6/2018<br>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 reached substantial completion on January 3, 2026. The County requested a time extension January 30, 2026. These projects experienced force majeure delays and other delays such as long re-bid process, SCADA modifications, design and construction of the inline WAS Booster Pump Station, dedicated roof runoff system and complex performance testing.</p> <p>The projects reached substantial completion on January 3, 2026.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1096 Days       | 1/3/2026                     | 1/13/2023       |

## Appendix A

### Progress Updates for Ongoing CD Capital Improvement Projects Beyond Compliance Date - 2026 Quarterly Report No. 2

| No. | Date of Request/<br>Notification | Project No.                                | Project Status Update                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Estimated Delay | Projected<br>Completion Date | Compliance Date |
|-----|----------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------|-----------------|
| 6   | 11/15/2023                       | CD 2.8 CDWWTP 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"> <li>• CD 2.8(1) Replacement of RAS Pump discharge piping met substantial completion on March 15, 2023, ahead of the EPA completion date.</li> <li>• CD 2.8(2) Upgrades of ten (10) Tank Mechanisms for Digesters at Cluster 2 with two (2) tank mechanisms in construction and eight (8) tank mechanisms are complete.</li> <li>• CD 2.8(3) Structural Rehabilitation of ten (10) Secondary Clarifier Tanks with two (2) tanks in construction and eight (8) tanks are complete.</li> </ul> <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 94% complete.</p> | 1125 Days       | 12/31/2027                   | 12/1/2024       |
| 7   | 11/4/2022                        | ND 3.03 NDWWTP Oxygenation Trains          | <p>This project schedule was impacted with a force majeure delay, which resulted in the County submitting a Delay and Force Majeure Notification Letter to EPA and FDEP on November 4, 2022. The project is currently in construction phase. WASD in-house forces have completed the mechanical and electrical rehabilitation of all the oxygenation trains. The structural rehabilitation of Trains #1, 3, 5 &amp; 6 have been completed and preparations are underway to being the rehabilitation of Train 2.</p> <p>The current construction status is 67% complete.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 796 Days        | 5/9/2028                     | 3/6/2026        |
| 8   | 11/4/2022                        | ND 3.04 NDWWTP Oxygen Production           | <p>This project schedule was impacted with a force majeure delay, which resulted in the County submitting a Delay and Force Majeure Notification Letter to EPA and FDEP on November 4, 2022. The project consists in the rehabilitation of the three (3) air separation units (ASUs). ASU No.3 and No. 2 have been rehabilitated and ASU no. 1 is currently being rehabilitated.</p> <p>The current construction status is 75% complete</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 796 Days        | 9/30/2026                    | 3/6/2026        |