

WASD TRANSPARENCY REPORT - EXHIBIT C

Status of Consent Decree Projects for September 2022

| Sewer Facility | Consent Decree Project No. | Capital Project Name | Consent Decree Total Cost Estimate | Current, Consent Decree Total Cost (Estimate At Completion) | Project Phase | Phase % Complete | Actual Compliance Date | Regulatory Compliance Date | Remarks |
|-----------------------|----------------------------|-------------------------------------|------------------------------------|---|---------------------|------------------|------------------------|----------------------------|--|
| South District WWTP | 1.1 | Headworks | 728,343 | 386,223 | Complete | 100% | 11/6/2019 | 2/23/2020 | Complete |
| | 1.2 | Oxygen Production | 7,549,529 | 21,828,523 | Construction | 88% | | 2/25/2022 | On July 14, 2021, the County submitted a Potential Delay Notification Letter to EPA and FDEP. |
| | 1.3 | Oxygenation Trains | 18,121,319 | 5,953,972 | Construction | 45% | | 11/16/2025 | Project is comprised of Structural Rehabilitation, Mixer Upgrades and Electrical Building Expansion, and Substations 5/6 and 15/16. These last two have been incorporated into the Ocean Outfall Legislation Program as the OOL-ST-1B and OOL ST-2D Projects, Both currently in procurement. Structural Rehabilitation for trains 1, 4, 5, 6 and 7 is complete. Structural Rehabilitation for trains 2 and 3 is included as part of project OOL-ST-1B. |
| | 1.4 | Chlorine Building | 2,520,707 | 3,438,573 | Complete / Closeout | 95% | 1/27/2022 | 8/7/2023 | Substantially completed on January 27, 2022. |
| | 1.5 | Effluent Pump Station | 27,010,183 | 43,273,133 | Complete / Closeout | 99% | 4/21/2022 | 4/7/2022 | On October 29, 2021, the County submitted a Potential Delay Notification Letter to EPA and FDEP. Substantially completed on April 21, 2022. |
| | 1.6 | Gravity Sludge Thickeners | 5,246,274 | 42,713,291 | Construction | 69% | | 1/6/2023 | |
| | 1.7 | Digesters and Control Buildings | 48,532,291 | 141,604,830 | Construction | 87% | | 11/21/2023 | |
| | 1.8 | Dewatering Facility | 16,608,534 | 71,304,758 | Construction | 69% | | 1/6/2023 | |
| | 1.9 | FOG Removal Facility | 928,077 | 8,369,685 | Complete | 100% | 3/26/2019 | 5/24/2019 | Project closeout was finalized |
| | 1.10 | Odor Control | 8,130,067 | 21,160,560 | Construction | 90% | | 4/25/2023 | |
| | 1.11 | General Electrical | 12,165,144 | 16,241,840 | Construction | 59% | | 3/26/2021 | On June 28, 2019, the County submitted a Potential Delay Notification Letter to EPA and FDEP. On January 15, 2021, the County provided an update letter to EPA and FDEP regarding the potential delay of CD 1.11 General Electric at SDWWTP, including an additional delay on CD 1.11 (1.2) Generator Repairs. On March 17, 2021, the County notified EPA and FDEP that the March 26, 2021 EPA compliance date will be missed. |
| | 1.12 | Chlorine Contact Chamber Structural | 6,935,601 | 4,853,292 | Complete | 100% | 4/5/2021 | 6/18/2021 | Project closeout was finalized |
| | Subtotal: | | | 154,476,069 | 381,128,678 | | | | |
| Central District WWTP | 2.1 | Electrical Improvements | 28,392,361 | 18,241,628 | Construction | 99% | | 6/14/2021 | On September 29, 2020, the County submitted electronic notice of a potential delay to EPA and FDEP. On October 13, 2020, the County submitted a Potential Delay Notification Letter to EPA and FDEP. Failure to Meet Compliance Date Notification sent to EPA and FDEP on 6/14/2021. |
| | 2.2 | Building improvements | 5,673,576 | 4,631,682 | Complete | 100% | 1/17/2020 | 9/26/2019 | Project closeout was finalized. Termination for default of contractor. Project Update and Failure to Meet Compliance Date Notification sent to EPA & FDEP September 25, 2019. |
| | 2.3 | Headworks Plant 1 | 20,637,859 | 17,577,754 | Complete / Closeout | 99% | 3/7/2019 | 3/16/2019 | Project in closeout. |
| | 2.4 | Headworks Plant 2 | 20,891,336 | 9,607,495 | Complete / Closeout | 99% | 8/13/2019 | 8/23/2019 | Project in closeout. |
| | 2.5 | Oxygenation Trains Plant 1 | 6,882,836 | 5,224,522 | Complete | 100% | 6/15/2018 | 4/12/2019 | Complete |
| | 2.6 | Oxygenation Trains Plant 2 | 15,957,546 | 11,714,842 | Complete | 100% | 9/28/2021 | 4/14/2022 | Complete |
| | 2.7 | Secondary Clarifiers Plant 1 | 4,919,245 | 13,733,311 | Construction | 36% | | 8/15/2026 | |
| | 2.8 | Secondary Clarifiers Plant 2 | 7,242,220 | 16,518,600 | Construction | 68% | | 12/1/2024 | |
| | 2.9 | RS Pump Stations Plant 1 | 9,441,453 | 23,559,484 | Procurement | 0% | | 8/15/2026 | |
| | 2.10 | RS Pump Stations Plant 2 | 14,310,201 | 36,333,907 | Construction | 98% | | 12/1/2024 | |
| | 2.11 | Effluent Pump Station | 9,926,072 | 30,982,917 | Complete / Closeout | 99% | 6/17/2021 | 6/21/2021 | Project in Closeout. On January 28, 2021, the County submitted electronic notification of a potential delay to EPA and FDEP. On February 11, 2021, the County notified EPA & FDEP of a delay of CD 2.11 Effluent Pump Station. FDEP notification of construction completion excuted on June 17, 2021. |
| | 2.12 | Sludge Thickeners Plant 1 | 11,156,240 | 5,894,166 | Construction | 69% | | 1/13/2023 | |
| | 2.13 | Sludge Thickeners Plant 2 | 9,552,318 | 6,281,144 | Construction | 69% | | 1/13/2023 | |

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|-----------------------|-------------------------------------|--|------------------------------------|---|---------------------|------------------|------------------------|----------------------------|---|
| Central District WWTP | 2.14 | Digesters Plant 1 | 60,684,546 | 8,179,050 | Planning | 0% | | 1/19/2026 | On February 8, 2016, the County submitted a request for a non-material change to EPA and FDEP. The County has not received a final determination of this request from EPA and FDEP. |
| | 2.15 | Digesters Plant 2 | 122,761,868 | 158,655,649 | Construction | 65% | | 6/18/2023 | On September 10, 2020, the County submitted a Potential Delay Notification Letter to EPA and FDEP. |
| | 2.16 | Dewatering Building | 99,952,854 | 131,284,461 | Construction | 69% | | 1/13/2023 | |
| | 2.17 | Chlorination Facilities | 16,713,956 | 23,823,349 | Complete | 100% | 7/27/2018 | 10/15/2018 | Complete |
| | 2.18 | Odor Control Systems | 20,208,323 | 3,414,404 | Construction | 84% | | 1/13/2023 | |
| | 2.19 | Co-Gen Facility | 30,311,204 | 65,313,174 | Construction | 99% | | 5/21/2020 | Failure to Meet Compliance Date and Project Status Update Notification sent to EPA and FDEP on 5/21/2020. Electronic and written notification of a potential delay submitted to FDEP and EPA on 12/30/19 and 1/10/20 respectively. |
| | 2.20 | Septage Unloading | 29,061,616 | - | Cancelled | | | 6/3/2022 | Project cancelled, as approved by EPA on December 28, 2016. |
| | 2.21 | Pump Station 1 | 11,575,513 | 8,042,943 | Complete / Closeout | 99% | 12/19/2019 | 2/26/2021 | Project in closeout. |
| | 2.22 | Pump Station 2 | 5,371,361 | 10,618,591 | Construction | 99% | | 5/25/2019 | Termination for default of Contractor. Delay notification sent to EPA & FDEP May 20, 2019. This project achieved construction completion for the Pump Station building on August 23, 2021. Flow meter installation is pending for its Substantial Completion. |
| | 2.23 | O2 Plant Process Controls Phase 2 | 482,909 | 661,862 | Complete | 100% | 10/14/2016 | 3/9/2017 | Complete |
| | 2.24 | Gas Monitoring | 334,913 | 1,013,808 | Complete | 100% | 9/29/2017 | 9/19/2017 | Complete. On May 22, 2019, EPA issued a Demand for Stipulated Penalties letter within which EPA informed the County of its decision to exercise its enforcement discretion to not demand stipulated penalties for Appendix D-2, Project 2.24. |
| | 2.25 | Ventilation Improvements | 2,766,973 | 968,559 | Complete / Closeout | 100% | 8/23/2021 | 2/27/2025 | Substantially completed on August 23, 2021. |
| | 2.26 | Rehabilitation of Walkways and Stairways | 2,685,405 | 2,739,973 | Construction | 18% | | 9/27/2027 | |
| | 2.27 | Oxygen Production | 26,503,191 | 79,246,518 | Complete / Closeout | 99% | 9/28/2021 | 2/13/2022 | Project was substantially completed on September 28, 2021. |
| | 2.28 | SCADA RTU Upgrades | 396,000 | 341,545 | Complete | 100% | 2/10/2014 | 3/29/2014 | Complete |
| 2.29 | High Strength Influent Impact Study | 1,544,400 | 1,042,081 | Complete | 100% | 6/5/2014 | 6/24/2014 | Complete | |
| | Subtotal: | 596,338,295 | 695,647,420 | | | | | | |
| North District WWTP | 3.1 | Headworks and Sludge Degritting Transfer | 31,777,875 | 32,127,242 | Complete / Closeout | 99% | 12/6/2017 | 4/7/2018 | Project in closeout. |
| | 3.2 | Primary Clarifiers and Odor Control | 47,630,971 | 78,193,879 | Construction | 97% | | 4/6/2023 | |
| | 3.3 | Oxygenation Trains | 26,824,143 | 887,835 | Procurement | 85% | | 3/6/2026 | |
| | 3.4 | Oxygen Production | 7,139,589 | 171,133,798 | Procurement | 85% | | 3/6/2026 | |
| | 3.5 | Secondary Clarifiers | 81,645,502 | 52,933,619 | Construction | 83% | | 8/24/2027 | |
| | 3.6 | Disinfection | 18,721,749 | 25,119,335 | Complete / Closeout | 99% | 3/5/2022 | 9/9/2020 | Project in closeout. |
| | 3.7 | Effluent Disposal | 27,500,829 | 6,616,560 | Complete | 100% | 6/29/2018 | 12/28/2021 | Complete |
| | 3.8 | Plant Wide Electrical | 18,859,689 | 1,336,978 | Complete | 100% | 3/2/2021 | 8/20/2022 | Complete |
| | 3.9 | Flood Mitigation | 4,327,589 | 726,074 | Complete | 100% | 6/24/2016 | 8/13/2017 | Complete |
| | 3.10 | Yard Piping Replacement | 4,901,560 | 214,250 | Complete | 100% | 5/24/2016 | 12/4/2021 | Complete |
| | 3.11 | SCADA RTU Upgrades | 1,200,320 | 971,666 | Complete | 100% | 11/26/2014 | 3/24/2015 | Complete |
| | Subtotal: | 270,529,816 | 370,261,234 | | | | | | |

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|--|----------------------------|---|------------------------------------|---|---------------------|------------------|------------------------|----------------------------|---|
| Wastewater Collection and Transmission Lines | 4.1 | Collection System I/I Repairs | 138,538,762 | 141,890,366 | Construction | 77% | | 9/27/2027 | |
| | 4.2 | Government Cut FM - Phase 1 & 2 | 35,187,000 | 42,192,720 | Complete | 100% | 9/30/2013 | 9/30/2013 | Complete The EPA Consent Decree only included the remaining cost of this project from October 2012. |
| | 4.3 | Government Cut FM - Phase 3 | 117,376,121 | 88,043,461 | Complete | 100% | 11/23/16 | 4/8/2017 | Complete |
| | 4.4 | North Dade 72 inch PCCP FM Rehabilitation | 23,764,116 | 21,396,645 | Complete | 100% | 5/5/2016 | 3/5/2018 | Complete |
| | 4.5 | South Dade 54 inch PCCP FM Rehabilitation | 18,570,705 | 41,646,640 | Complete | 100% | 9/14/2018 | 12/23/2018 | Complete |
| | 4.6 | Replacement of Tamiami Canal Aerial Crossing FM's at NW 37th Ave | 727,443 | 659,199 | Complete | 100% | 8/11/2014 | 10/29/2016 | Complete |
| | 4.7 | Replacement of 18 inch DIP FM in Miami Lakes | 2,323,333 | 1,009,622 | Complete | 100% | 12/7/2015 | 4/9/2017 | Complete |
| | 4.8 | Rehabilitation of 54 inch PCCP FM in the City of Miami | 10,842,213 | 18,190,628 | Complete | 100% | 6/16/2017 | 5/28/2017 | Complete On January 11, 2018, the EPA decided not to assess penalties for this project due to Force Majeure events. On September 14, 2017, the EPA approved a final completion date for CD 4.8 of May 28, 2017. |
| | 4.9 | Replace Approximately 30 miles of AC FM Transmission System | 52,708,893 | 28,755,015 | Complete / Closeout | 100% | 6/5/2020 | 10/17/2020 | Project in closeout. Substantially completed on June 5, 2020. On October 7, 2020 the County submitted the Completion Letter to EPA and FDEP. |
| | 4.10 | Opa-Locka Airport 48" PCCP force main replacement | 23,668,622 | 22,546,498 | Complete / Closeout | 99% | 5/11/2018 | 10/25/2018 | Project in closeout. |
| | Subtotal: | 423,707,208 | 406,330,794 | | | | | | |
| Sewer Pump Station Systems | 5.1 | Upgrade of PS#0418 | 23,877,869 | 12,664,082 | Complete | 100% | 11/8/2019 | 10/22/2019 | Complete |
| | 5.2 | Upgrade of PS#0691 | 6,007,492 | 310,447 | Complete | 100% | 11/8/2019 | 1/27/2019 | Complete On April 14, 2016, the EPA and FDEP approved Miami-Dade's request to modify the scope of this project to read, "Connect the City of Homestead's PS1, once completed, to the South District Wastewater Treatment Plant (SDWWTP) Transmission System and decommission PS 0691". The City of Homestead failed to meet the Regulatory Compliance Date. On November 29, 2018, a Force Majeure notification letter was submitted to the EPA, as the County is not in privity with the project contractor. |
| | 5.3 | Upgrade of PS#0692 | 6,007,492 | 20,130,971 | Complete / Closeout | 99% | 11/17/2020 | 6/17/2020 | Project in closeout. Substantially completed on November 17, 2020. On April 21, 2020, the County electronically notified the EPA and FDEP of potential delays in construction including COVID-19 Pandemic impacts. On May 5, 2020, the County submitted the Delay and Force Majeure Notification Letter to EPA and FDEP. On June 16, 2020, the County submitted the Failure to Meet Compliance Date and Project Status Update Letter to EPA and FDEP. On November 20, 2020 the County submitted the Notification of Construction Completion to EPA and FDEP. |
| | 5.4 | Replacement of Switchgear PS#0414 | 1,481,438 | 10,167,606 | Complete / Closeout | 99% | 6/11/2019 | 6/15/2019 | Project in closeout. |
| | 5.5 | Replacement of Switchgear and Rehabilitation of | 4,805,995 | 9,828,682 | Complete | 100% | 11/13/2019 | 9/2/2019 | Complete |
| | 5.6 | Replacement of Switchgear PS#0416 | 1,481,438 | 8,103,292 | Complete | 100% | 6/11/2019 | 6/13/2019 | Complete |
| | 5.7 | Replacement of Switchgear and Rehabilitation of Wet well PS#0417 | 3,203,999 | 8,952,796 | Complete | 100% | 7/1/2020 | 7/25/2020 | Complete |
| | 5.8 | Replacement of Electrical and Mechanical Equipment in PS#0107 | 4,004,992 | 2,091,278 | Complete | 100% | 2/3/2018 | 1/27/2019 | Complete |
| | 5.9 | Replacement of Plumbing and Electrical Equipment at PS#0301 | 4,543,072 | 13,541,182 | Complete / Closeout | 99% | 1/25/2022 | 1/24/2022 | Scope of the project has changed. A change request was submitted to EPA for approval on July 28, 2017. Project was substantially completed Jan. 25, 2022. |
| | 5.10 | Upgrade of PS#0488 | 2,962,877 | 884,195 | Complete | 100% | 12/8/2016 | 5/9/2018 | Complete |
| | 5.11 | Installation of 48-inch FM from Kendall Dr. to the suction side of PS 0536. | 5,925,746 | 2,379,504 | Complete | 100% | 2/13/2019 | 5/18/2019 | Complete |

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|--------------------------------|----------------------------|---|------------------------------------|---|---------------------|------------------|------------------------|----------------------------|----------------------|
| Sewer Pump Station Systems | 5.12 | Replacement of Switchgear at PS#0187 | 3,555,449 | 14,350,947 | Complete / Closeout | 99% | 3/25/2019 | 3/26/2019 | Project in closeout. |
| | 5.13 | Refurbish Emergency Generators and Controls at Regional Pump stations | 3,054,141 | 543,066 | Complete | 100% | 2/4/2016 | 7/20/2016 | Complete |
| | 5.14 | Upgrade of PS #0086, 0492 | 2,127,389 | 1,216,965 | Complete | 100% | 12/31/2013 | 12/31/2013 | Complete |
| | 5.15 | Upgrade of PS #0065, 0201, 0334, 0374, 0607 | 5,835,671 | 6,148,953 | Complete | 100% | 12/30/2015 | 12/31/2015 | Complete |
| | 5.16 | Upgrade of PS #00198, 0437, 0466, 0680 | 3,806,369 | 3,753,256 | Complete | 100% | 1/24/2018 | 12/31/2018 | Complete |
| | 5.17 | Upgrade of PS #0037, 0351, 0370, 0403 | 5,371,342 | 6,174,436 | Complete / Closeout | 100% | 4/30/2018 | 11/20/2018 | Project in closeout. |
| | 5.18 | Upgrade of PS #0441, 0491, 0710, 0827, 0852, 1236 | 7,526,751 | 6,692,656 | Complete | 100% | 11/18/2019 | 12/13/2019 | Complete |
| | 5.19 | SCADA RTU Upgrades | 10,003,462 | 5,148,595 | Complete | 100% | 11/23/2015 | 3/18/2016 | Complete |
| Subtotal: | | | 105,582,984 | 133,082,909 | | | | | |
| SEP | 6.0 | Supplemental Environmental Project (SEP) | 2,047,200 | 4,653,473 | Complete | 100% | 12/26/2018 | 11/18/2019 | Complete |
| | Subtotal: | | | 2,047,200 | 4,653,473 | | | | |
| Total Project Expenses: | | | 1,552,681,572 | 1,991,104,509 | | | | 9/27/2027 | |

1) On 4/11/2018, the EPA approved our request to modify specific project regulatory completion dates. These new dates are being reflected in this Transparency report.

2) Schedule and cost information based on Consent Decree data, month of: **August 2022**

3) Yellow highlights indicate changes from the prior month's report.

Stipulated Penalties Notices from FDEP for Sanitary Sewer Overflow (SSO) Events, month of: **August 2022**

| Type | Agency | Demand Letter Date | Penalty | Description of the event | | | | | Remarks |
|--|--------|--------------------|---------|--------------------------|--------------|------|----------------------|---------------------|---------|
| | | | | Location | Incident No. | Date | Reached Waters of US | Est. Volume gallons | |
| N/A - No Stipulated Penalty Notices this reporting period. | | | | | | | | | |