

WASD TRANSPARENCY REPORT - EXHIBIT C

Status of Consent Decree Projects for August 2019

Overall Regulatory Project Completion Date - 9/27/2027

| 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 | 2,536,558 | Construction | 63% | | 2/23/2020 | |
| | 1.2 | Oxygen Production | 7,549,529 | 19,826,630 | Construction | 15% | | 2/25/2022 | |
| | 1.3 | Oxygenation Trains | 18,121,319 | 11,829,539 | Construction | 31% | | 11/16/2025 | |
| | 1.4 | Chlorine Building | 2,520,707 | 2,637,259 | Design | 96% | | 8/7/2023 | |
| | 1.5 | Effluent Pump Station | 27,010,183 | 42,231,656 | Construction | 50% | | 4/7/2022 | |
| | 1.6 | Gravity Sludge Thickeners | 5,246,274 | 41,023,381 | Procurement | 73% | | 1/6/2023 | |
| | 1.7 | Digesters and Control Buildings | 48,532,291 | 135,921,895 | Construction | 27% | | 11/21/2023 | |
| | 1.8 | Dewatering Facility | 16,608,534 | 63,614,513 | Procurement | 73% | | 1/6/2023 | |
| | 1.9 | FOG Removal Facility | 928,077 | 8,736,421 | Complete / Closeout | 99% | 3/26/2019 | 5/24/2019 | Project in closeout. |
| | 1.10 | Odor Control | 8,130,067 | 18,182,180 | Design | 64% | | 4/25/2023 | |
| | 1.11 | General Electrical | 12,165,144 | 15,416,516 | Procurement | 58% | | 3/26/2021 | |
| | 1.12 | Chlorine Contact Chamber Structural | 6,935,601 | 5,532,138 | Construction | 40% | | 6/18/2021 | |
| Subtotal: | | | 154,476,069 | 367,488,687 | | | | | |
| Central District WWTP | 2.1 | Electrical Improvements | 28,392,361 | 17,991,819 | Construction | 51% | | 6/14/2021 | |
| | 2.2 | Building improvements | 5,673,576 | 6,035,737 | Construction | 86% | | 9/26/2019 | |
| | 2.3 | Headworks Plant 1 | 20,637,859 | 17,481,509 | Complete / Closeout | 96% | 3/7/2019 | 3/16/2019 | Project in closeout. |
| | 2.4 | Headworks Plant 2 | 20,891,336 | 9,814,240 | Construction | 92% | | 8/23/2019 | |
| | 2.5 | Oxygenation Trains Plant 1 | 6,882,836 | 4,828,346 | Complete | 100% | 6/15/2018 | 4/12/2019 | Complete |
| | 2.6 | Oxygenation Trains Plant 2 | 15,957,546 | 16,964,226 | Construction | 73% | | 4/14/2022 | |
| | 2.7 | Secondary Clarifiers Plant 1 | 4,919,245 | 24,428,136 | Construction | 36% | | 8/15/2026 | |
| | 2.8 | Secondary Clarifiers Plant 2 | 7,242,220 | 17,307,285 | Construction | 21% | | 12/1/2024 | |
| | 2.9 | RS Pump Stations Plant 1 | 9,441,453 | 18,090,222 | Design | 68% | | 8/15/2026 | |
| | 2.10 | RS Pump Stations Plant 2 | 14,310,201 | 35,096,326 | Construction | 35% | | 12/1/2024 | |
| | 2.11 | Effluent Pump Station | 9,926,072 | 31,054,869 | Procurement | 75% | | 6/21/2021 | |
| | 2.12 | Sludge Thickeners Plant 1 | 11,156,240 | 33,490,840 | Procurement | 73% | | 1/13/2023 | |
| | 2.13 | Sludge Thickeners Plant 2 | 9,552,318 | 33,490,840 | Procurement | 73% | | 1/13/2023 | |
| | 2.14 | Digesters Plant 1 | 60,684,546 | 8,431,089 | Planning | 0% | | 1/19/2026 | |
| | 2.15 | Digesters Plant 2 | 122,761,868 | 134,560,137 | Construction | 46% | | 6/18/2023 | |
| | 2.16 | Dewatering Building | 99,952,854 | 85,291,394 | Procurement | 73% | | 1/13/2023 | |
| | 2.17 | Chlorination Facilities | 16,713,956 | 27,387,683 | Complete / Closeout | 99% | 7/27/2018 | 10/15/2018 | Project in closeout. |
| | 2.18 | Odor Control Systems | 20,208,323 | 11,989,089 | Construction | 47% | | 1/13/2023 | |
| | 2.19 | Co-Gen Facility | 30,311,204 | 63,503,079 | Construction | 78% | | 5/21/2020 | |
| | 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 | 8,893,560 | Construction | 85% | | 2/26/2021 | | |
| 2.22 | Pump Station 2 | 5,371,361 | 9,585,870 | Construction | 55% | | 5/25/2019 | Termination for default of Contractor. Delay notification sent to EPA & FDEP May 20, 2019. | |
| 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 | 1,788,325 | Construction | 81% | | 2/27/2025 | | |
| 2.26 | Rehabilitation of Walkways and Stairways | 2,685,405 | 2,659,503 | Construction | 10% | | 9/27/2027 | | |
| 2.27 | Oxygen Production | 26,503,191 | 79,442,102 | Construction | 8% | | 2/13/2022 | | |
| 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 | 702,665,519 | | | | | |

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| North District WWTP | 3.1 | Headworks and Sludge Degritting Transfer | 31,777,875 | 36,237,804 | Complete / Closeout | 99% | 12/6/2017 | 4/7/2018 | Project in closeout. |
| | 3.2 | Primary Clarifiers and Odor Control | 47,630,971 | 75,994,138 | Construction | 60% | | 4/6/2023 | |
| | 3.3 | Oxygenation Trains | 26,824,143 | 66,458,472 | Design | 10% | | 3/6/2026 | |
| | 3.4 | Oxygen Production | 7,139,589 | 47,603,699 | Design | 10% | | 3/6/2026 | |
| | 3.5 | Secondary Clarifiers | 81,645,502 | 52,834,571 | Construction | 55% | | 8/24/2027 | |
| | 3.6 | Disinfection | 18,721,749 | 24,319,009 | Construction | 15% | | 9/9/2020 | |
| | 3.7 | Effluent Disposal | 27,500,829 | 10,574,530 | Complete / Closeout | 99% | 6/29/2018 | 12/28/2021 | Project in closeout. |
| | 3.8 | Plant Wide Electrical | 18,859,689 | 3,254,962 | Design | 20% | | 8/20/2022 | |
| | 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 | 319,189,175 | | | | | |
| Wastewater Collection and Transmission Lines | 4.1 | Collection System I/I Repairs | 138,538,762 | 155,005,136 | Construction | 48% | | 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 | 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 | 88,080,995 | 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 | 49,807,837 | Complete / Closeout | 99% | 9/14/2018 | 12/23/2018 | Project in closeout. |
| | 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 | 22,436,877 | Complete / Closeout | 96% | 6/16/2017 | 5/28/2017 | Project in closeout. 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 | 32,622,326 | Construction | 84% | | 10/17/2020 | |
| | 4.10 | Opa-Locka Airport 48" PCCP force main replacement | 23,668,622 | 25,858,898 | Complete / Closeout | 99% | 5/11/2018 | 10/25/2018 | Project in closeout. |
| Subtotal: | | | 423,707,208 | 439,070,256 | | | | | |

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|--------------------------------|----------------------------|---|------------------------------------|---|---------------------|------------------|------------------------|----------------------------|---|
| Sewer Pump Station Systems | 5.1 | Upgrade of PS#0418 | 23,877,869 | 13,302,841 | Construction | 98% | | 10/22/2019 | |
| | 5.2 | Upgrade of PS#0691 | 6,007,492 | 330,967 | Construction | 95% | | 1/27/2019 | 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 | 18,911,656 | Construction | 22% | | 6/17/2020 | |
| | 5.4 | Replacement of Switchgear PS#0414 | 1,481,438 | 8,194,808 | Complete / Closeout | 99% | 6/11/2019 | 6/15/2019 | Project in closeout. |
| | 5.5 | Replacement of Switchgear and Rehabilitation of Wet well PS#0415 | 4,805,995 | 9,080,557 | Construction | 98% | | 9/2/2019 | |
| | 5.6 | Replacement of Switchgear PS#0416 | 1,481,438 | 8,305,962 | Complete / Closeout | 99% | 6/11/2019 | 6/13/2019 | Project in closeout. |
| | 5.7 | Replacement of Switchgear and Rehabilitation of Wet well PS#0417 | 3,203,999 | 8,119,164 | Construction | 35% | | 7/25/2020 | |
| | 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 | 13,816,701 | Procurement | 56% | | 1/24/2022 | Scope of the project has changed. A change request was submitted to EPA for approval on July 28, 2017. |
| | 5.10 | Upgrade of PS#0488 | 2,962,877 | 885,955 | 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 | 2,145,855 | Complete / Closeout | 99% | 2/13/2019 | 5/18/2019 | Project in closeout. |
| | 5.12 | Replacement of Switchgear at PS#0187 | 3,555,449 | 15,015,186 | Complete / Closeout | 98% | 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 | 6,377,132 | Complete | 100% | 12/30/2015 | 12/31/2015 | Complete |
| | 5.16 | Upgrade of PS #00198, 0437, 0466, 0680 | 3,806,369 | 4,140,792 | Complete / Closeout | 97% | 1/24/2018 | 12/31/2018 | Project in closeout. |
| | 5.17 | Upgrade of PS #0037, 0351, 0370, 0403 | 5,371,342 | 6,211,565 | Complete / Closeout | 98% | 4/30/2018 | 11/20/2018 | Project in closeout. |
| | 5.18 | Upgrade of PS #0441, 0491, 0710, 0827, 0852, 1236 | 7,526,751 | 7,164,317 | Construction | 90% | | 12/13/2019 | |
| | 5.19 | SCADA RTU Upgrades | 10,003,462 | 5,148,595 | Complete | 100% | 11/23/2015 | 3/18/2016 | Complete |
| Subtotal: | | | 105,582,984 | 131,003,363 | | | | | |
| SEP | 6.0 | Supplemental Environmental Project (SEP) | 2,047,200 | 5,472,081 | Complete / Closeout | 98% | 12/26/2018 | 11/18/2019 | Project in closeout. |
| Subtotal: | | | 2,047,200 | 5,472,081 | | | | | |
| Total Project Expenses: | | | 1,552,681,572 | 1,964,889,081 | | | | 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, July 2019 data.

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

Stipulated Penalties Notices from FDEP for Sanitary Sewer Overflow (SSO) Events, July 2019 data.

| Type | Agency | Demand Letter Date | Penalty | Description of the event | Remarks |
|--|--------|--------------------|---------|--------------------------|---------|
| N/A - No Stipulated Penalty Notices this reporting period. | | | | | |
| Total Stipulated Penalties: | | | \$ - | | |