

WASD TRANSPARENCY REPORT - EXHIBIT C

Status of Consent Decree Projects for November 2021

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
South District WWTP	1.1	Headworks	728,343	386,223	Complete	100%	11/6/2019	2/23/2020
	1.2	Oxygen Production	7,549,529	21,029,044	Construction	88%		2/25/2022
	1.3	Oxygenation Trains	18,121,319	6,133,924	Procurement	40%		11/16/2025
	1.4	Chlorine Building	2,520,707	3,398,811	Construction	51%		8/7/2023
	1.5	Effluent Pump Station	27,010,183	42,908,167	Construction	97%		4/7/2022
	1.6	Gravity Sludge Thickeners	5,246,274	43,340,660	Construction	30%		1/6/2023
	1.7	Digesters and Control Buildings	48,532,291	142,322,427	Construction	87%		11/21/2023
	1.8	Dewatering Facility	16,608,534	70,638,522	Construction	30%		1/6/2023
	1.9	FOG Removal Facility	928,077	8,637,856	Complete / Closeout	99%	3/26/2019	5/24/2019
	1.10	Odor Control	8,130,067	21,360,508	Construction	13%		4/25/2023
	1.11	General Electrical	12,165,144	14,129,460	Construction	38%		3/26/2021
	1.12	Chlorine Contact Chamber Structural	6,935,601	5,480,633	Complete / Closeout	100%	4/5/2021	6/18/2021
<b>Subtotal:</b>			<b>154,476,069</b>	<b>379,766,235</b>				
Central District WWTP	2.1	Electrical Improvements	28,392,361	17,902,488	Construction	97%		6/14/2021
	2.2	Building improvements	5,673,576	4,705,670	Complete / Closeout	100%	1/17/2020	9/26/2019
	2.3	Headworks Plant 1	20,637,859	17,567,491	Complete / Closeout	99%	3/7/2019	3/16/2019
	2.4	Headworks Plant 2	20,891,336	9,600,875	Complete / Closeout	99%	8/13/2019	8/23/2019
	2.5	Oxygenation Trains Plant 1	6,882,836	5,249,335	Complete	100%	6/15/2018	4/12/2019
	2.6	Oxygenation Trains Plant 2	15,957,546	11,387,239	Complete / Closeout	99%	9/28/2021	4/14/2022
	2.7	Secondary Clarifiers Plant 1	4,919,245	13,895,169	Construction	36%		8/15/2026
	2.8	Secondary Clarifiers Plant 2	7,242,220	16,668,517	Construction	65%		12/1/2024
	2.9	RS Pump Stations Plant 1	9,441,453	23,892,965	Procurement	0%		8/15/2026
	2.10	RS Pump Stations Plant 2	14,310,201	36,251,175	Construction	95%		12/1/2024
	2.11	Effluent Pump Station	9,926,072	30,304,558	Complete / Closeout	99%	6/17/2021	6/21/2021
	2.12	Sludge Thickeners Plant 1	11,156,240	28,385,379	Construction	28%		1/13/2023
	2.13	Sludge Thickeners Plant 2	9,552,318	30,099,783	Construction	28%		1/13/2023

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Central District WWTP	2.14	Digesters Plant 1	60,684,546	8,297,261	Planning	0%		1/19/2026
	2.15	Digesters Plant 2	122,761,868	159,415,491	Construction	66%		6/18/2023
	2.16	Dewatering Building	99,952,854	82,082,882	Construction	28%		1/13/2023
	2.17	Chlorination Facilities	16,713,956	23,814,877	Complete	100%	7/27/2018	10/15/2018
	2.18	Odor Control Systems	20,208,323	6,238,263	Construction	64%		1/13/2023
	2.19	Co-Gen Facility	30,311,204	66,203,265	Construction	99%		5/21/2020
	2.20	Septage Unloading	29,061,616	-	Cancelled			6/3/2022
	2.21	Pump Station 1	11,575,513	7,709,168	Complete / Closeout	99%	12/19/2019	2/26/2021
	2.22	Pump Station 2	5,371,361	10,708,847	Construction	99%		5/25/2019
	2.23	O2 Plant Process Controls Phase 2	482,909	661,862	Complete	100%	10/14/2016	3/9/2017
	2.24	Gas Monitoring	334,913	1,013,808	Complete	100%	9/29/2017	9/19/2017
	2.25	Ventilation Improvements	2,766,973	963,841	Complete / Closeout	100%	8/23/2021	2/27/2025
	2.26	Rehabilitation of Walkways and Stairways	2,685,405	2,771,853	Construction	18%		9/27/2027
	2.27	Oxygen Production	26,503,191	77,034,294	Complete / Closeout	98%	9/28/2021	2/13/2022
	2.28	SCADA RTU Upgrades	396,000	341,545	Complete	100%	2/10/2014	3/29/2014
2.29	High Strength Influent Impact Study	1,544,400	1,042,081	Complete	100%	6/5/2014	6/24/2014	
	<b>Subtotal:</b>	<b>596,338,295</b>	<b>694,209,982</b>					
North District WWTP	3.1	Headworks and Sludge Degritting Transfer	31,777,875	32,126,768	Complete / Closeout	99%	12/6/2017	4/7/2018
	3.2	Primary Clarifiers and Odor Control	47,630,971	77,271,795	Construction	95%		4/6/2023
	3.3	Oxygenation Trains	26,824,143	900,666	Procurement	72%		3/6/2026
	3.4	Oxygen Production	7,139,589	136,209,896	Procurement	72%		3/6/2026
	3.5	Secondary Clarifiers	81,645,502	53,366,590	Construction	76%		8/24/2027
	3.6	Disinfection	18,721,749	25,196,145	Construction	98%		9/9/2020
	3.7	Effluent Disposal	27,500,829	6,616,560	Complete	100%	6/29/2018	12/28/2021
	3.8	Plant Wide Electrical	18,859,689	1,348,166	Complete	100%	3/2/2021	8/20/2022
	3.9	Flood Mitigation	4,327,589	726,074	Complete	100%	6/24/2016	8/13/2017
	3.10	Yard Piping Replacement	4,901,560	214,250	Complete	100%	5/24/2016	12/4/2021
	3.11	SCADA RTU Upgrades	1,200,320	971,666	Complete	100%	11/26/2014	3/24/2015
	<b>Subtotal:</b>	<b>270,529,816</b>	<b>334,948,577</b>					
Wastewater	4.1	Collection System I/I Repairs	138,538,762	141,890,366	Construction	75%		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

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Collection and Transmission Lines	4.3	Government Cut FM - Phase 3	117,376,121	88,043,461	Complete	100%	11/23/16	4/8/2017
	4.4	North Dade 72 inch PCCP FM Rehabilitation	23,764,116	21,396,645	Complete	100%	5/5/2016	3/5/2018
	4.5	South Dade 54 inch PCCP FM Rehabilitation	18,570,705	41,646,640	Complete	100%	9/14/2018	12/23/2018
	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
	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

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Wastewater Collection and Transmission Lines	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
	4.9	Replace Approximately 30 miles of AC FM Transmission System	52,708,893	30,621,430	Complete / Closeout	100%	6/5/2020	10/17/2020
	4.10	Opa-Locka Airport 48" PCCP force main replacement	23,668,622	22,540,512	Complete / Closeout	99%	5/11/2018	10/25/2018
	<b>Subtotal:</b>			<b>423,707,208</b>	<b>408,191,223</b>			
Sewer Pump Station Systems	5.1	Upgrade of PS#0418	23,877,869	13,116,191	Complete / Closeout	99%	11/8/2019	10/22/2019
	5.2	Upgrade of PS#0691	6,007,492	310,447	Complete	100%	11/8/2019	1/27/2019
	5.3	Upgrade of PS#0692	6,007,492	19,932,276	Complete / Closeout	99%	11/17/2020	6/17/2020
	5.4	Replacement of Switchgear PS#0414	1,481,438	9,203,566	Complete / Closeout	99%	6/11/2019	6/15/2019
	5.5	Replacement of Switchgear and Rehabilitation of Wet well PS#0415	4,805,995	10,354,292	Complete / Closeout	99%	11/13/2019	9/2/2019
	5.6	Replacement of Switchgear PS#0416	1,481,438	8,103,292	Complete	100%	6/11/2019	6/13/2019
	5.7	Replacement of Switchgear and Rehabilitation of Wet well PS#0417	3,203,999	9,193,977	Complete / Closeout	99%	7/1/2020	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
	5.9	Replacement of Plumbing and Electrical Equipment at PS#0301	4,543,072	13,931,281	Construction	84%		1/24/2022
	5.10	Upgrade of PS#0488	2,962,877	885,955	Complete	100%	12/8/2016	5/9/2018
	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
	5.12	Replacement of Switchgear at PS#0187	3,555,449	14,349,025	Complete / Closeout	99%	3/25/2019	3/26/2019

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	5.13	Refurbish Emergency Generators and Controls at Regional Pump stations	3,054,141	543,066	Complete	100%	2/4/2016	7/20/2016
	5.14	Upgrade of PS #0086, 0492	2,127,389	1,216,965	Complete	100%	12/31/2013	12/31/2013

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Sewer Pump Station Systems	5.15	Upgrade of PS #0065, 0201, 0334, 0374, 0607	5,835,671	6,390,779	Complete	100%	12/30/2015	12/31/2015
	5.16	Upgrade of PS #00198, 0437, 0466, 0680	3,806,369	3,753,256	Complete	100%	1/24/2018	12/31/2018
	5.17	Upgrade of PS #0037, 0351, 0370, 0403	5,371,342	6,016,987	Complete / Closeout	100%	4/30/2018	11/20/2018
	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
	5.19	SCADA RTU Upgrades	10,003,462	5,148,595	Complete	100%	11/23/2015	3/18/2016
<b>Subtotal:</b>			<b>105,582,984</b>	<b>133,613,389</b>				
SEP	6.0	Supplemental Environmental Project (SEP)	2,047,200	4,653,473	Complete	100%	12/26/2018	11/18/2019
	<b>Subtotal:</b>			<b>2,047,200</b>	<b>4,653,473</b>			
<b>Total Project Expenses:</b>			<b>1,552,681,572</b>	<b>1,955,382,879</b>				<b>9/27/2027</b>

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 **October 2021**

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

Stipulated Penalties Notices from FDEP for Sanitary Sewer Overflow (SSO) Events, month of: **October 2021**

Type	Agency	Demand Letter Date	Penalty
N/A - No Stipulated Penalty Notices this reporting period.			

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Remarks
Complete
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.
Project in closeout.
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.
Project in closeout.
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.
Project in closeout. Termination for default of contractor. Project Update and Failure to Meet Compliance Date Notification sent to EPA & FDEP September 25, 2019.
Project in closeout.
Project in closeout.
Complete
Project in closeout. Substantially completed on September 28, 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.





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Remarks
Complete
Complete
Complete
Complete
Complete

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Remarks
<p>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.</p>
<p>Project in closeout.                      Substantially completed on June 5, 2020.                      On October 7, 2020 the County submitted the Completion Letter to EPA and FDEP.</p>
<p>Project in closeout.</p>
<p>Project in Closeout.                      Potential Delay Notification sent to EPA and FDEP on October 11, 2019. Delay Notification and Failure to Meet Compliance Date Notification sent to EPA and FDEP on October 21, 2019.</p>
<p>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.</p>
<p>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.</p>
<p>Project in closeout.</p>
<p>Project in Closeout.                      Failure to Meet Compliance Date. Electronic notification sent to EPA &amp; FDEP September 18, 2019.</p>
<p>Complete</p>
<p>Project in closeout.</p>
<p>Complete</p>
<p>Scope of the project has changed. A change request was submitted to EPA for approval on July 28, 2017.</p>
<p>Complete</p>
<p>Complete</p>
<p>Project in closeout.</p>

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Remarks
Complete
Complete

