

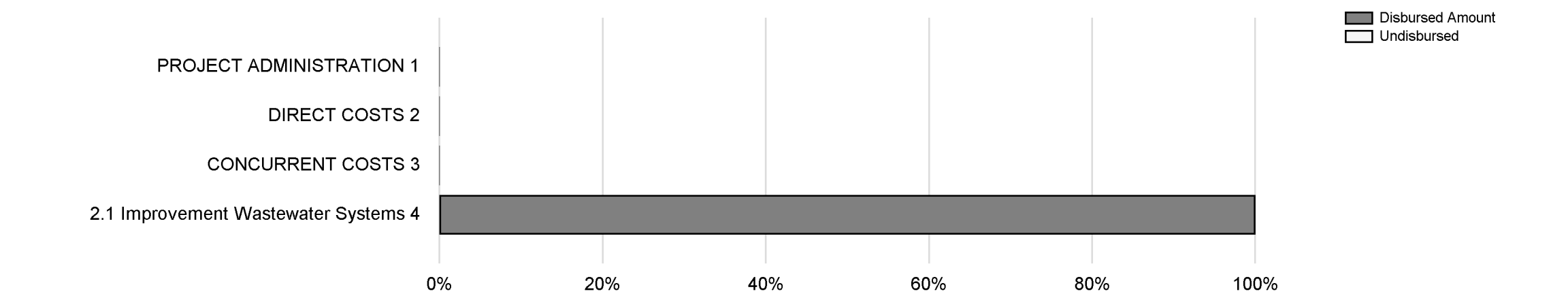
PMR Public Report

Operation Number	TT-L1018	Chief of Operations Validation Date	05/09/23
Year- PMR Cycle	Second period Jan-Dec 2022	Division Chief Validation Date	05/09/23
Last Update	05/08/23	Country Representative Validation Date	05/11/23
PMR Validation Stage	Validated by Representative		

Basic Data			
Operation Profile			
Operation Name	WASA Modernization and Wastewater Infrastructure Rehabilitation Program	Loan Number	2600/OC-TT
Executing Agency	WATER AND SEWERAGE AUTHORITY OF TRINIDAD AND TOBAGO	Sector/Subsector	WATER AND SANITATION
Team Leader	LEWIS, GILROY FRANCIS	Overall Stage	Fully Disbursed
Operation Type	Loan Operation	Country	Trinidad and Tobago
Lending Instrument	Investment Loan	Convergence related Operation(s)	
Borrower	TRINIDAD AND TOBAGO		
Environmental and Social Safeguards			
Impacts Category	B	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating	Satisfactory	Date of approval	
Safeguard Performance Rating - Rationale	Design stage - documents under review		

Financial Data									
	Total Cost and Source					Available Funds (US\$)			
Operations	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Amount
TT-L1018	50,000,000	50,000,000	0	0	50,000,000	50,000,000	50,000,000	100.00%	-
Aggregated	50,000,000	50,000,000	0	0	50,000,000	50,000,000	50,000,000	0.00%	-

Expense Categories by Loan Contract (cumulative values)



Please note that inactive indicators and outputs are not displayed; totals in the actual cost table may not match the sum of the cost of the outputs displayed, due to the cost of inactive outputs.

RESULTS MATRIX
General Development Objectives

RESULTS MATRIX																												
Specific Development Objectives																												
Specific Development Objectives Nbr. 1: Wastewater management system in Trinidad improved																												
Observation:																												
	Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	EOP 2022												
1.1	Households in the program area covered by a centralized wastewater treatment systems	Households (#)	2318	2012	P	-	-	-	-	-	-	-	-	-	-	6,200												
					A	-	-	-	-	-	1,096	2,739	-	-	-	3,835												
Details																												
Means of Verification: WASA statistic and water quality monitoring reports																												
Observations:																												
Evaluation Methodology: -																												
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	Households with wastewater treatment (#) ()																							
	Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	EOP 2022												
1.2	Total Feacal Coliforms count discharged into Bon Accord Lagoon	cfu/100ml	120000	2012	P	-	-	-	-	-	93	93	-	-	-	93												
					A	-	-	-	-	-	160,000	16	18	-	-	18												
Details																												
Means of Verification: WASA water quality monitoring reports																												
Observations:																												
Evaluation Methodology: -																												
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator																								
	Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	EOP 2022												
1.3	Estimated total daily average wastewater treated before being discharged in the Caroni river in program area	m3/d	1900	2012	P	-	-	-	-	-	-	4,304	-	-	-	-												
					A	-	-	-	-	-	-	-	4,304	-	4,304													
Details																												
Means of Verification: WASA water quality monitoring reports																												
Observations:																												
Evaluation Methodology: -																												
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator																								
	Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	EOP 2022												
1.3	Estimated total daily average wastewater treated before discharge in the Bon Accord Lagoon in program area	m3/d	558	2017	P	-	-	-	-	-	3,500	3,500	-	-	-	3,500												
					A	-	-	-	-	-	800	2,700	2,700	-	-	3,500												
Details																												
Means of Verification: WASA statistic and water quality monitoring reports																												
Observations:																												
Evaluation Methodology: -																												
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator																								
Specific Development Objectives Nbr. 2: WASA reorganized																												
Observation:																												

2.1	Indicator			Unit of Measure	Baseline	Baseline Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	EOP 2022
	Number of employees per 1,000 connection			Employees	13	2012	P	-	-	-	-	-	-	-	-	-	11
							A	12	10	9.3	-	-	-	-	-	-	9.3
Details																	
Means of Verification: WASA Human Resources Division statistics																	
Observations:																	
Evaluation Methodology: -																	
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator													
Indicator			Unit of Measure	Baseline	Baseline Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	EOP 2022	
2.2	Personnel cost / operating expenses			%	50	2012	P	-	-	-	-	-	-	-	-	-	38
							A	44	41.6	40.3	-	-	-	-	-	-	40.3
Details																	
Means of Verification: WASA Finance Division statistics																	
Observations:																	
Evaluation Methodology: -																	
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator													
Specific Development Objectives Nbr. 3: WASA capacity (in O&M and water quality monitoring) improved																	
Observation:																	
Indicator			Unit of Measure	Baseline	Baseline Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	EOP 2022	
3.1	Wastewater physical assets in good conditions in the program area			%	5	2012	P	-	-	-	-	90	95	-	-	-	95
							A	-	-	-	-	50	100	-	-	-	100
Details																	
Means of Verification: WASA Maintenance Team report																	
Observations:																	
Evaluation Methodology: -																	
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator													
Indicator			Unit of Measure	Baseline	Baseline Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	EOP 2022	
3.2	Wastewater quality samples complying with effluent standards for rehabilitated plants in program area			%	0	2012	P	-	-	-	-	100	100	-	-	-	100
							A	-	-	-	-	100	-	-	-	-	100
Details																	
Means of Verification: WASA monitoring reports																	
Observations:																	
Evaluation Methodology: -																	
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator													

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Wastewater management system in Trinidad improved

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2022	2022	EOP 2022
1.01	Waste Water Treatment Plants/ Stabilization Ponds rehabilitated in the program area	plant	P	-	4	-	16,968,900
			P (a)	-	2	-	8,017,520.54
			A	-	2	-	8,188,378.88
1.02	Waste Water Treatment Plants converted into lift stations in the program area	plant	P	-	7	-	1,863,000
			P (a)	-	3	-	1,580,188.14
			A	-	3	-	1,425,172.08
1.03	Gravity sewers installed in the program area	Km	P	-	10	-	6,753,500
			P (a)	-	5.11	-	750,000
			A	-	11.58	-	-
1.04	Force main built in the program area	Km	P	-	3	-	1,343,640
			P (a)	-	4.21	-	5,974,297.64
			A	-	10.4	-	5,975,971.18
1.05	New Wastewater Treatment Plant built in the Program Area	plant	P	-	-	-	-
			P (a)	-	1	-	9,316,018.79
			A	-	1	233,207.3	8,826,461.93
1.06	Construction of new lift stations in the Program Area	plant	P	-	-	-	-
			P (a)	-	11	-	419,304.35
			A	-	11	-	415,514.56
1.07	Detailed Designs and Tender Documents for New Maloney WWTP	Design	P	-	-	-	-
			P (a)	-	-	-	-
			A	-	-	-	-

Component Nbr. 2 WASA reorganized

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2022	2022	EOP 2022
2.01	Employees accepting separation packages, Vocational Training, and Health and Safety	Employees	P	-	550	-	20,113,000
			P (a)	-	955	-	20,113,000
			A	-	955	-	20,113,202

Component Nbr. 3 WASA capacity (in O&M and water quality monitoring) improved

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2022	2022	EOP 2022
3.01	Training/action plan on Operation & Maintenance and Standard Operating Procedures developed	Plan	P	-	1	-	50,000
			P (a)	-	1	-	-
			A	-	2	-	-
3.02	WASA staff trained on Operation & Maintenance and Standard Operating Procedure & collection system and treatment	Staff-month	P	-	45	-	200,010
			P (a)	-	25	-	-
			A	-	105	-	-
3.03	Yearly water quality monitoring program implemented	Plan	P	-	4	-	260,000
			P (a)	-	1	-	63,650.34
			A	-	1	-	63,650.34
3.04	WASA staff trained on environmental issues	Staff-month	P	-	5	-	40,000
			P (a)	-	5	-	11,630.8
			A	-	12	-	11,630.8

Component Nbr. 4 Management, contingencies and others

				FINANCIAL PROGRESS
	Output	Unit of Measure		EOP
4.00			P	-
			P (a)	-
			A	-

Other Cost				
	Project administration	P		200,000
		P (a)		0
		A		362
	Auditing	P		150,000
		P (a)		123,944.13
		A	23,220.38	118,163.7
	Work supervision	P		1,332,000
		P (a)		765,363.22
		A		1,547,221.94
	Project standard information campaign	P		75,750
		P (a)		0
		A		0
	Monitoring and Evaluation	P		90,000
		P (a)		35,000
		A		23,763.66
	Work Supervision of Trincity WWTP	P		0
		P (a)		602,259.06
		A	57,229.36	433,074.28
Total Cost				
	Total Cost	P	0	49,439,800
		P (a)	0	47,772,177.01
		A	313,657.04	47,142,567.35

No information available for this section

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy		
1	Mitigated		N/A		
	Response Actions				
	1	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy		
2	Mitigated		N/A		
	Response Actions				
	2	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy		
3	Mitigated		N/A		
	Response Actions				
	3	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy	
4	Inactive		N/A	
	Response Actions			
	4.01	Management Strategy	Status	
		-	-	
	4.02	Management Strategy	Status	
		-	-	
	4.03	Management Strategy	Status	
		-	-	
	4.04	Management Strategy	Status	
		-	-	

Risk ID	Risk Status		Risk Taxonomy		
5	Materialized		N/A		
	Response Actions				
	5	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy
6	Mitigated		N/A
	Response Actions		
	6	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy		
7	Mitigated		N/A		
	Response Actions				
	7	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy		
8	Mitigated		N/A		
	Response Actions				
	8	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy		
9	Mitigated		N/A		
	Response Actions				
	9	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy		
10	Mitigated		N/A		
	Response Actions				
	10	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy		
11	Mitigated		N/A		
	Response Actions				
	11	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy
12	Materialized		N/A
	Response Actions		
	12.01	Management Strategy	Status
		-	-
	12.02	Management Strategy	Status
		-	-
	12.03	Management Strategy	Status
		-	-

Risk ID	Risk Status		Risk Taxonomy		
13	Mitigated		N/A		
	Response Actions				
	13	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy		
14	Mitigated		N/A		
	Response Actions				
	14	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy
15	Mitigated		N/A
	Response Actions		
	15	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
16	Mitigated		N/A
	Response Actions		
	16	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
17	Materialized		N/A
	Response Actions		
	17	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy		
18	Mitigated		N/A		
	Response Actions				
	18	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy		
19	Inactive		N/A		
	Response Actions				
	19	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy		
20	Mitigated		N/A		
	Response Actions				
	20	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy		
21	Mitigated		N/A		
	Response Actions				
	21	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy		
22	Materialized		N/A		
	Response Actions				
	22	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy		
23	Materialized		N/A		
	Response Actions				
	23	Management Strategy		Status	

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories
Others - Technical-Sectorial Dimensions
Cost and Budgetary Aspects