

# PMR Public Report

<b>Operation Number</b>	TT-L1026	<b>Chief of Operations Validation Date</b>	10/18/21
<b>Year- PMR Cycle</b>	First period Jan-Jun 2021	<b>Division Chief Validation Date</b>	
<b>Last Update</b>	10/04/21	<b>Country Representative Validation Date</b>	
<b>PMR Validation Stage</b>	Validated by Chief of Operations		

## Basic Data

### Operation Profile

<b>Operation Name</b>	Multi-Phase Wastewater Rehabilitation Program- Phase I	<b>Loan Number</b>	2890/OC-TT
<b>Executing Agency</b>	WATER AND SEWERAGE AUTHORITY OF TRINIDAD AND TOBAGO	<b>Sector/Subsector</b>	WATER AND SANITATION-SANITATION RURAL AND PERI-URBAN
<b>Team Leader</b>	LEWIS, GILROY FRANCIS	<b>Overall Stage</b>	Disbursing (From eligibility until all the Operations are closed)
<b>Operation Type</b>	Loan Operation	<b>Country</b>	Trinidad and Tobago
<b>Lending Instrument</b>	Investment Loan	<b>Convergence related Operation(s)</b>	
<b>Borrower</b>	TRINIDAD AND TOBAGO		

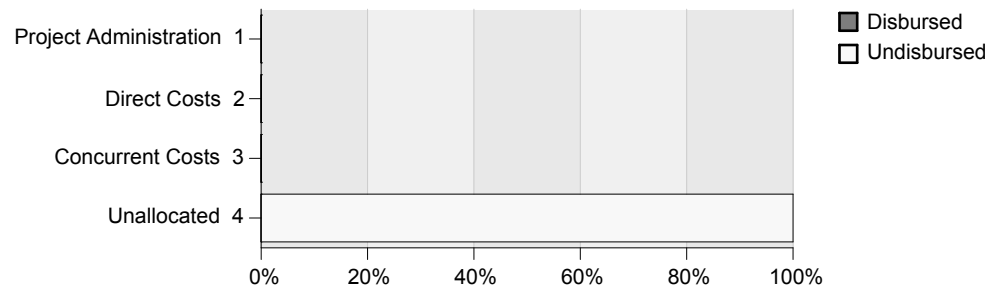
## Environmental and Social Safeguards

<b>Impacts Category</b>	B	<b>Was/Were the objective(s) of this operation reformulated?</b>	NO
<b>Safeguard Performance Rating</b>	Partially Satisfactory	<b>Date of approval</b>	
<b>Safeguard Performance Rating - Rationale</b>	Satisfactory enforcement of E&S measures at WWTP construction sites.		

## Financial Data

Item	Total Cost and Source				Available Funds (US\$)				
	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disb	Undisbursed Amount
TT-L1026	246,500,000	246,500,000	0	0	246,500,000	246,500,000	218,027,674.94	88.45%	28,472,325.06
Aggregated	246,500,000	246,500,000	0	0	246,500,000	246,500,000	218,027,674.94	88.45%	28,472,325.06

## 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.

## PMR Public Report

### RESULTS MATRIX

#### General Development Objectives

No information available for this section

## PMR Public Report

### RESULTS MATRIX

#### Specific Development Objectives

**Specific Development Objectives Nbr. 1:** New wastewater treatment plants in San Fernando and Malabar functioning according to design

**Observation:**

Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2023	EOP 2023
1.1	Households with new connection to a sewerage network in pilot area (household)	# of households	0.00	2012	P	0.00	0.00	0.00	200.00	200.00					400.00
					A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.00		

#### Details

**Means of verification:** Completion certificate signed by construction supervisor and WASA; Semi-annual reports to IDB.

**Pro-Gender** No **Pro-Ethnicity** No

	African descendant				P											
					A						0.00					
	Indigenous				P											
					A						0.00					

Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2023	EOP 2023
1.2	Households connected to an improved sewerage network in Malabar and San Fernando (household)	# of households	0.00	2012	P	0.00	0.00	0.00	0.00	16,626.00	0.00				16,626.00
					A	0.00	0.00	0.00	0.00	0.00	7,500.00	7,500.00	7,571.00	0.00	

#### Details

**Means of verification:** Completion certificate signed by construction supervisor and WASA; Semi-annual reports to IDB.

**Pro-Gender** No **Pro-Ethnicity** No

	African descendant				P											
					A						0.00					
	Indigenous				P											
					A						0.00					

Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2023	EOP 2023
1.3	Malabar: Percentage of population in the catchment covered by the WWTP (percentage)	%	0.00	2012	P	0.00	0.00	0.00	0.00	100.00	0.00				100.00
					A	0.00	0.00	0.00	0.00	0.00	100.00	100.00	100.00		

#### Details

**Means of verification:** WASA water quality monitoring reports (catchment area); Semi-annual reports to IDB.

**Pro-Gender** No **Pro-Ethnicity** No

Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2023	EOP 2023
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## PMR Public Report

### RESULTS MATRIX

#### Specific Development Objectives

1.4	San Fernando: Percentage of population in the catchment treated by the WWTP (percentage)	%	0.00	2012	P	0.00	0.00	0.00	0.00	100.00	0.00					100.00
					A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

#### Details

**Means of verification:** WASA water quality monitoring reports (catchment area); Semi-annual reports to IDB.

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2023	EOP 2023
1.5	Malabar: Percentage of wastewater treated by the WWTP meeting the Water Pollution Rules (percentage) and having a zero or positive net impact on downstream water quality (in relation to upstream water quality)	%	0.00	2012	P	0.00	0.00	0.00	90.00	90.00	90.00	90.00			90.00
					A	0.00	0.00	0.00	0.00	0.00	100.00	0.00	100.00		

#### Details

**Means of verification:** WASA water quality monitoring reports (monitoring point at outfall site). The ESMP will specify the sampling points and the definition of a baseline.

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2023	EOP 2023
1.6	San Fernando: Percentage of wastewater treated by the WWTP meeting the Water Pollution Rules (percentage) and having a zero or positive net impact on downstream water quality (in relation to upstream water quality)	%	0.00	2012	P	0.00	0.00	0.00	90.00	90.00	90.00	90.00			90.00
					A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

#### Details

**Means of verification:** WASA water quality monitoring reports (monitoring point at outfall site). The ESMP will specify the sampling points and the definition of a baseline.

<b>Pro-Gender</b>	No	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2023	EOP 2023
1.7	Women trained in water quality monitoring	%	0.00	2013	P	0.00	50.00	0.00	0.00	0.00	0.00				50.00
					A	0.00	0.00	0.00	21.00	36.00	0.00	0.00			

#### Details

**Means of verification:** WASA monitoring reports

<b>Pro-Gender</b>	Yes	<b>Pro-Ethnicity</b>	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2023	EOP 2023
1.8	Households with treated wastewater	Households (#)	0.00	2013	P	0.00	0.00	0.00	200.00	16,826.00	17,026.00	17,026.00			17,026.00
					A	0.00	0.00	0.00	0.00	0.00	15,827.00	0.00	15,898.00	0.00	

## PMR Public Report

### RESULTS MATRIX

#### Specific Development Objectives

##### Details

**Means of verification:** WASA Semi Annual Report

**Pro-Gender** No **Pro-Ethnicity** No

**Specific Development Objectives Nbr. 2:** WASA is reorganized, strengthened and operating more efficiently

**Observation:**

Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2023	EOP 2023
2.1	Hours of preventative maintenance in the Malabar and San Fernando systems (hours/month)	200.00	2012	P	300.00	400.00	500.00	600.00	720.00	720.00	720.00				720.00
				A	200.00	297.00	1,284.00	2,750.00	4,200.00	2,500.00	2,400.00	1,600.00	300.00		4,434.00

##### Details

**Means of verification:** WASA internal reports, Semi-annual reports to IDB

**Pro-Gender** No **Pro-Ethnicity** No

Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2023	EOP 2023
2.2	New systems (Malabar and San Fernando WWTP) operated and maintained according to design specifications (system)	0.00	2012	P	0.00	0.00	0.00	0.00	2.00	2.00	2.00				2.00
				A	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00		0.00

##### Details

**Means of verification:** WASA internal reports, Semi-annual reports to IDB

**Pro-Gender** No **Pro-Ethnicity** No

Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2023	EOP 2023
2.3	New systems (Malabar and San Fernando WWTP) designed, implemented, operating and maintained according to social and environmental specifications (system)	0.00	2012	P	0.00	0.00	0.00	0.00	2.00	2.00	2.00				2.00
				A	0.00	0.00	0.00	0.00	0.00	1.00	0.00		1.00		0.00

##### Details

**Means of verification:** WASA internal reports, Semi-annual reports to IDB

**Pro-Gender** No **Pro-Ethnicity** No

Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2023	EOP 2023
2.4	WASA with new set of corporate governance policies (approved by the Board)	0.00	2012	P	0.00	0.00	1.00	0.00	0.00	0.00	0.00				1.00
				A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00

##### Details

**Means of verification:** Copy of minutes of Board meeting when the approval was given.

## PMR Public Report

### RESULTS MATRIX

#### Specific Development Objectives

Pro-Gender		No			Pro-Ethnicity			No							
Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2023	EOP 2023
2.5	Corporate governance policies and compliance report disclosure of WASA's web page	Disclosure	0.00	2012	P	0.00	0.00	1.00	0.00	0.00	0.00	0.00			1.00
					A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
<b>Details</b>															
<b>Means of verification:</b> Copy of screen shot of webpage showing publication.															
Pro-Gender		No			Pro-Ethnicity			No							
Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2023	EOP 2023
2.6	WASA's audited financial statements available to the public	Disclosure	0.00	2012	P	0.00	1.00	1.00	1.00	1.00	0.00				4.00
					A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
<b>Details</b>															
<b>Means of verification:</b> Copy of screen shot of webpage showing documents and copy of minutes where the Board approved the disclosure.															
Pro-Gender		No			Pro-Ethnicity			No							
Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	2019	2020	2021	2023	EOP 2023
2.7	Percentage of WASA costumers served with new billing system	%	0.00	2012	P	0.00	0.00	0.00	100.00	100.00	0.00	0.00			100.00
					A	0.00	0.00	0.00	0.00	100.00	100.00	0.00			0.00
<b>Details</b>															
<b>Means of verification:</b> WASA Financial Planning and Management report; Semi-annual reports to IDB.															
Pro-Gender		No			Pro-Ethnicity			No							

**RESULTS MATRIX**

**OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS**

**Component Nbr. 1 New wastewater treatment plants in San Fernando and Malabar functioning according to design**

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2021	EOP 2023	2021	EOP 2023
1.1	Equipment for operation and maintenance acquired (equipment)	Equipment	P		4		150,000
			P(a)		2	241,456.85	1,243,278.27
			A		2	0	1,001,821.42
1.2	Malabar Waste Water Treatment Plants built (includes commissioned)	Plant	P		1		63,716,869
			P(a)		1	1,206,226.35	96,154,112
			A		1	674,644.84	95,622,530.49
1.3	Old Malabar Waste Water Treatment Plants decommissioned (plants)	Plant	P		1		1,000,000
			P(a)		1		1,000,000
			A		2		0
1.4	San Fernando Waste Water Treatment Plants built (includes commissioned)	Plant	P		1		77,150,469
			P(a)	1	1	16,000,000	105,966,692.07
			A	0	0	5,521,125.68	95,487,817.75
1.5	Old San Fernando Waste Water Treatment Plants decommissioned	Plant	P		1		1,000,000
			P(a)	1	1		0
			A	0	0		0
1.6	Sewage pumping stations built	Station	P		4		11,004,785
			P(a)		3		0
			A		3		0
1.7	Sewerage network built	Km	P		26		58,029,930
			P(a)	1	32.21		0
			A	0.17	31.38		0
1.8	Intra-domiciliary sanitary connections built in pilot area	Connection	P		400		2,812,500
			P(a)	35	106	0	0
			A	0	71	0	0
1.9	Access Road/Bridge to San Fernando WWTP built	Road	P		1		2,489,228.93
			P(a)		1		2,232,804.97
			A		1		2,239,851.25

**RESULTS MATRIX**

**OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS**

Component Nbr. 2 WASA is reorganized, strengthened and operating more efficiently

Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
			2021	EOP 2023	2021	EOP 2023
2.1 Training activities on preventative maintenance (including training on use of new equipment) implemented	Training	P		2		200,000
		P(a)		1		0
		A		2		18,682.05
2.2 Training activities in water quality monitoring, including water quality assessment guidelines in line with best international practice, implemented (program)	Training	P		4		50,000
		P(a)		4		0
		A		3		0
2.3 Environmental education campaigns implemented	Campaign	P		2		50,500
		P(a)		2		8,459.55
		A		2		8,459.55
2.4 Action plan for corporate governance implemented	Plan implemented	P		4		818,448
		P(a)		3		560,000
		A		3		562,303.93
2.5 Action plan for commercial management implemented	Plan implemented	P		1		2,600,000
		P(a)		2		7,150,318.8
		A		2		7,243,269.38

**Other Cost**

Project Management and Supervision	P				1,000,000
	P(a)			63,745.53	170,572.68
	A			0	106,827.15
Works Supervision	P				5,444,451
	P(a)			2,030,740.76	10,098,535.02
	A			717,194.98	8,784,989.24
Contingencies	P				1,120,000
	P(a)				1,120,000
	A				0
Auditing	P				198,668
	P(a)			50,065.04	207,947.3
	A			22,717.53	180,599.79
Evaluations	P				100,000
	P(a)			20,000	65,000
	A			0	45,000
Works cost escalation	P				17,559,771.93
	P(a)				2,932,736.78
	A				0
Detailed Designs and Tender documents for Maloney WWTP	P				
	P(a)			2,100,000	2,263,602
	A			218,983	382,585
Bulk Metering Programme - North West Trinidad	P				
	P(a)				0
	A			36,005.48	324,049.33
Audit of System and Processes towards resolving customer complaints	P				
	P(a)				0
	A			24,522	70,037.39

**Total Cost**

Total Cost	P				246,495,620.86
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**RESULTS MATRIX**

**OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS**

	Total Cost	P(a)			21,712,234.53	231,174,059.44
		A			7,215,193.51	212,078,823.72

**CHANGES TO THE MATRIX**

No information available for this section

## RISKS AND PLANNED RESPONSES

Risk ID	Risk Status	Risk Taxonomy	
1	Inactive	Technical Design	
	<b>Response actions</b>		
	1.1	<b>Management Strategy</b>	<b>Status</b>
		MITIGATE	INACTIVE

Risk ID	Risk Status	Risk Taxonomy	
2	Active	Technical Design	
	<b>Response actions</b>		
	2.1	<b>Management Strategy</b>	<b>Status</b>
		MITIGATE	COMPLETE

Risk ID	Risk Status	Risk Taxonomy	
3	Active	Technical Design	
	<b>Response actions</b>		
	3.1	<b>Management Strategy</b>	<b>Status</b>
		MITIGATE	COMPLETE

Risk ID	Risk Status	Risk Taxonomy	
4	Active	Institutional Environment	
	<b>Response actions</b>		
	4.1	<b>Management Strategy</b>	<b>Status</b>
		MITIGATE	COMPLETE

Risk ID	Risk Status	Risk Taxonomy	
5	Active	Institutional Environment	
	<b>Response actions</b>		
	5.1	<b>Management Strategy</b>	<b>Status</b>
		MITIGATE	COMPLETE
	5.2	<b>Management Strategy</b>	<b>Status</b>
		EXPLOIT	COMPLETE

## RISKS AND PLANNED RESPONSES

Risk ID	Risk Status	Risk Taxonomy	
Risk ID	Risk Status	Risk Taxonomy	
6	Materialized	Political Environment	
	<b>Response actions</b>		
	6.1	Management Strategy	Status
		MITIGATE	INACTIVE
Risk ID	Risk Status	Risk Taxonomy	
7	Active	Social Environment	
	<b>Response actions</b>		
	7.1	Management Strategy	Status
		MITIGATE	COMPLETE
Risk ID	Risk Status	Risk Taxonomy	
8	Active	Planning	
	<b>Response actions</b>		
	8.1	Management Strategy	Status
		AVOID	COMPLETE
Risk ID	Risk Status	Risk Taxonomy	
9	Active	Political Environment	
	<b>Response actions</b>		
	9.1	Management Strategy	Status
		ACCEPT	COMPLETE
Risk ID	Risk Status	Risk Taxonomy	
10	Active	Sustainability	
	<b>Response actions</b>		
	10.1	Management Strategy	Status
		MITIGATE	COMPLETE

## RISKS AND PLANNED RESPONSES

Risk ID	Risk Status	Risk Taxonomy	
Risk ID	Risk Status	Risk Taxonomy	
11	Active	Institutional Environment	
	<b>Response actions</b>		
	11.1	Management Strategy	Status
		TRANSFER	COMPLETE
Risk ID	Risk Status	Risk Taxonomy	
12	Active	Economic and Financial Environment	
	<b>Response actions</b>		
	12.1	Management Strategy	Status
		ACCEPT	COMPLETE
Risk ID	Risk Status	Risk Taxonomy	
13	Inactive	Planning	
	<b>Response actions</b>		
	13.1	Management Strategy	Status
		MITIGATE	INACTIVE
Risk ID	Risk Status	Risk Taxonomy	
14	Active	Environmental and Social Safeguards	
	<b>Response actions</b>		
	14.1	Management Strategy	Status
		MITIGATE	COMPLETE
Risk ID	Risk Status	Risk Taxonomy	
15	Active	Environmental and Social Safeguards	
	<b>Response actions</b>		
	15.1	Management Strategy	Status
		MITIGATE	COMPLETE

## RISKS AND PLANNED RESPONSES

Risk ID	Risk Status	Risk Taxonomy	
Risk ID	Risk Status	Risk Taxonomy	
16	Active	Governance Framework	
	<b>Response actions</b>		
	16.1	Management Strategy	Status
		MITIGATE	COMPLETE
	16.2	Management Strategy	Status
		ENHANCE	COMPLETE
Risk ID	Risk Status	Risk Taxonomy	
17	Inactive	Technical Design	
	<b>Response actions</b>		
	17.1	Management Strategy	Status
		MITIGATE	INACTIVE
Risk ID	Risk Status	Risk Taxonomy	
18	Active	Internal Processes	
	<b>Response actions</b>		
	18.1	Management Strategy	Status
		MITIGATE	INACTIVE
Risk ID	Risk Status	Risk Taxonomy	
19	Active	Internal Processes	
	<b>Response actions</b>		
	19.1	Management Strategy	Status
		MITIGATE	COMPLETE
Risk ID	Risk Status	Risk Taxonomy	
20	Active	Internal Processes	

## RISKS AND PLANNED RESPONSES

Risk ID	Risk Status	Risk Taxonomy
	<b>Response actions</b>	
	20.1	<b>Management Strategy</b>
		<b>Status</b>
	MITIGATE	INACTIVE

Risk ID	Risk Status	Risk Taxonomy
21	Active	Technical Design
	<b>Response actions</b>	
	21.1	<b>Management Strategy</b>
<b>Status</b>		
	MITIGATE	COMPLETE

## IMPLEMENTATION STATUS AND LEARNING

### Lesson Learned - Categories

Acquisitions and Procurement - Provider Performance and Supervision

Cost and Budgetary Aspects