

PMR Operational Report

Operation Number	SU-L1058	Chief of Operations Validation Date	10/27/20
Year- PMR Cycle	First period Jan-Jun 2020	Division Chief Validation Date	
Last Update	10/22/20	Country Representative Validation Date	
PMR Validation Stage	Validated by Chief of Operations		

Basic Data

Operation Profile

Operation Name	Water Supply Modernization Program	Loan Number	4986/OC-SU
Executing Agency	Surinaamsche Waterleiding Maatschapij	Sector/Subsector	WATER AND SANITATION-WATER SUPPLY URBAN
Team Leader	CAYETANO, EVAN STEPHEN	Overall Stage	Approved/Pending Signature
Operation Type	Loan Operation	Country	Suriname
Lending Instrument	Investment Loan	Convergence related Operation(s)	
Borrower	REPUBLIC OF SURINAME		

Environmental and Social Safeguards

Impacts Category	B	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating		Date of approval	
Safeguard Performance Rating - Rationale			

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
SU-L1058	25,000,000	25,000,000	0	0	25,000,000	25,000,000	0	0.00%	25,000,000
Aggregated	25,000,000	25,000,000	0	0	25,000,000	25,000,000	0	0.00%	25,000,000

Expense Categories by Loan Contract (cumulative values)

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IMPACTS

No information available for this section

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OUTCOMES

Outcome Nbr. 1: Non-revenue water (NRW) level reduced in Central Region (Paramaribo, Wanica, Para)

Observation:

Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	2024	2025	EOP 0
1.0	Volume of potable water billed in the Central Region (Paramaribo, Wanica, and Para)	Mm3/ yearholds	25.20	2017	P			28.20	28.50	29.20	29.80	29.80
					P(a)							
					A							

Details

Means of verification: SWM progress reports

Observations: The baseline and targets will be confirmed based on a water balance to be conducted during the first year of execution

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

Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	2024	2025	EOP 0
1.1	Level of Non-Revenue Water (NRW) in Central (Paramaribo, Wanica, Para)	Percentage	45.00	2017	P			39.00	38.00	36.00	33.00	33.00
					P(a)							
					A							

Details

Means of verification: SWM progress reports

Observations: The baseline and targets will be confirmed based on a water balance to be conducted during the first year of execution

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

Outcome Nbr. 2: Water supply production capacity in Wanica upgraded

Observation:

Indicator	Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	2024	2025	EOP 0
2.0	Households with effective access to water supply network in Wanica	households	29,576.00	2017	P					3,720.00		33,296.00
					P(a)							
					A							

Details

Means of verification: SWM progress reports

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

Outcome Nbr. 3: Modernize the operations and management of SWM

Observation:

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OUTCOMES

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	2024	2025	EOP 0
3.0	Water samples that comply with water quality standards in the Central Region	percentage	91.00	2019	P							95.00	95.00
					P(a)								
					A								

Details

Means of verification: SWM progress reports

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

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	2024	2025	EOP 0
3.1	Strategy for water supply services in the Interior Region considering climate change aspects approved by the Ministry of Natural Resources	strategy	0.00	2019	P							1.00	1.00
					P(a)								
					A								

Details

Means of verification: SWM progress reports; Approved Water supply strategy for the Interior

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

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	2024	2025	EOP 0
3.2	SWM's financial statements audited from 2014 to 2024	percentage	0.00	2019	P							100.00	100.00
					P(a)								
					A								

Details

Means of verification: SWM progress reports; Audited financial statements available and published

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

Indicator		Unit of Measure	Baseline	Baseline Year		2019	2020	2021	2022	2023	2024	2025	EOP 0
3.3	SWM complying with laboratory quality standards (ISO:17025) in Central Region	Certification	0.00	2019	P							1.00	1.00
					P(a)								
					A								

Details

Means of verification: SWM progress reports; ISO:17025 Certification

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

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Non-Revenue Water (NRW) reduction in Central Region (Paramaribo, Wanica, and Para)

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 0	2020	EOP 0
1.1	Micrometers installed	micrometers	P		7,000		1,050,000
			P(a)		0		0
			A		0		0
1.2	Smart water infrastructure technologies for Non-Revenue Water reduction implemented	system	P		1		1,000,000
			P(a)		0		0
			A		0		0
1.3	Service connections replaced	connections	P		3,000		900,000
			P(a)		0		0
			A		0		0
1.4	Leaks detected and repaired	leaks	P		0		2,230,000
			P(a)		3,760		0
			A		0		0
1.5	Non-revenue water unit strengthened and equipped	unit	P		1	50,000	2,070,000
			P(a)		0		0
			A		0		0
1.6	District Metered Areas (DMA) created	areas	P		5		1,250,000
			P(a)		0		0
			A		0		0
1.7	Customer Database updated	database	P		1		500,000
			P(a)		0		0
			A		0		0

Component Nbr. 2 Upgrading Water Production Infrastructure

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 0	2020	EOP 0
2.1	Helena Christina pump station expanded	pump station	P		1		4,700,000
			P(a)		0		0
			A		0		0
2.2	Storage tanks built	tanks	P		2		2,000,000
			P(a)		0		0
			A		0		0
2.3	Supervisory control and data acquisition (SCADA) system implemented	database	P		1		1,000,000
			P(a)		0		0
			A		0		0

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 3 Institutional Strengthening and Modernization of SWM

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 0	2020	EOP 0
3.1	Drinking Water Supply Strategy in the Interior considering climate change aspects developed	strategy	P		1		550,000
			P(a)		0		0
			A		0		0
3.2	Information Technology System Audit conducted	audit	P		1		250,000
			P(a)		0		0
			A		0		0
3.3	Organizational structure and accessibility assessed	assessment	P		1		150,000
			P(a)		0		0
			A		0		0
3.4	Action Plan for strengthening of Financial and Economic Affairs Department at SWM implemented	Action Plan	P		1		450,000
			P(a)		0		0
			A		0		0
3.5	Action Plan for strengthening of Human Resources Management Department implemented	Action Plan	P		1		475,000
			P(a)		0		0
			A		0		0
3.6	Action Plan for enhancing water quality monitoring capacity for the Laboratory and Certification developed and implemented	Action Plan	P		1		1,415,000
			P(a)		0		0
			A		0		0
3.7	Information Technology infrastructure updated	Infrastructure	P		1		1,500,000
			P(a)		0		0
			A		0		0
3.8	Training program for women and men in plumbing, water management, and climate change aspects designed and implemented	Training	P		1		100,000
			P(a)		0		0
			A		0		0
3.9	Cost of service study conducted	Study	P		1		200,000
			P(a)		0		0
			A		0		0

Other Cost

	Administrative Expenses (including PEU support, communication, supervision and implementation of ESMP)	P			248,335	1,800,000
		P(a)				0
		A				0
	Evaluation, Monitoring, and Audits	P			15,000	160,000
		P(a)				0
		A				0
	Contingencies	P				1,250,000
		P(a)				0
		A				0

Total Cost

	Total Cost	P			313,335	25,000,000
		P(a)				0
		A				0

CHANGES TO THE MATRIX

No information available for this section

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IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories