

PMR Public Report

Operation Number	SU-L1058	Chief of Operations Validation Date	04/03/23
Year- PMR Cycle	Second period Jan-Dec 2022	Division Chief Validation Date	04/03/23
Last Update	04/02/23	Country Representative Validation Date	04/05/23
PMR Validation Stage	Validated by Representative		

Basic Data

Operation Profile

Operation Name	Water Supply Modernization Program	Loan Number	4986/OC-SU
Executing Agency	NV SURINAAMSCHЕ WATERLEIDING MAATSCHAPIJ	Sector/Subsector	WATER AND SANITATION-WATER SUPPLY URBAN
Team Leader	CAYETANO, EVAN STEPHEN	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Loan Operation	Country	Suriname
Lending Instrument	Investment Loan	Convergence related Operation(s)	
Borrower	REPUBLIC OF SURINAME		

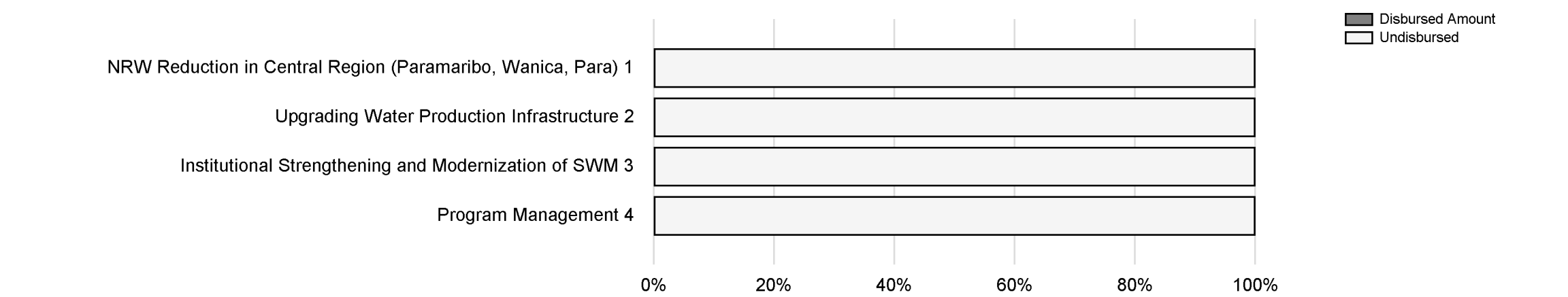
Environmental and Social Safeguards

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

	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
SU-L1058	25,000,000	25,000,000	0	0	25,000,000	25,000,000	637,500	2.55%	24,362,500
Aggregated	25,000,000	25,000,000	0	0	25,000,000	25,000,000	637,500	2.55%	24,362,500

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: Reduce Non-revenue water (NRW) levels in the Central Region through the implementation of critical aspects of the 2015 NRW reduction strategy

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2022	2023	2024	2025	2026	2027	2028	EOP 2028
1.0	Volume of potable water billed in the Central Region (Paramaribo, Wanica, and Para)	Mm3/year	24.8	2021	P	-	-	-	25.05	25.54	26.29	-	26.29
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: SWM progress reports

Observations: As mentioned in the loan proposal, during 2023 and 2024, a water balance and audit will be conducted, which will update the baselines for indicators 1.1 and 1.2, and the targets will be adjusted based on the updated baseline.

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2022	2023	2024	2025	2026	2027	2028	EOP 2028
1.1	Level of Non-Revenue Water (NRW) in Central Region (Paramaribo, Wanica, Para)	Percentage	39	2018	P	-	-	-	38	36	33	-	33
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: SWM progress reports

Observations: As mentioned in the loan proposal, during 2023 and 2024, a water balance and audit will be conducted, which will update the baselines for indicators 1.1 and 1.2, and the targets will be adjusted based on the updated baseline.

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 2: Increase the availability of water supply services in Wanica through upgrading water production infrastructure

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2022	2023	2024	2025	2026	2027	2028	EOP 2028
2.0	Households with effective access to water supply network in Wanica Region	Households	37791	2021	P	-	-	-	-	-	3,720	-	41,511
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: SWM progress reports

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 3: Modernize the operations and management of SWM through the implementation of key recommendations of the Implementation Action Plan (IP) and the development of a water supply strategy for the interior

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2022	2023	2024	2025	2026	2027	2028	EOP 2028
3.0	Water samples that comply with water quality standards in the Wanica Region	Percentage	85	2021	P	-	-	-	-	-	95	-	95
					A	-	-	-	-	-	-	-	-

Details

Means of Verification: SWM progress reports

Observations: Observation Quality of water supplied measures the percentage of water tests for 2027 that meet WHO standards on thermotolerant E. coli. The results presented are for Wanica Region only

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2022	2023	2024	2025	2026	2027	2028	EOP 2028
3.1	SWM's annual financial statements audited	Audits	0	2021	P	1	1	1	1	1	-	-	5
					A	-	-	-	-	-	-	-	-

Details

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

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2022	2023	2024	2025	2026	2027	2028	EOP 2028
3.2	SWM complying with laboratory quality standards (ISO:17025) in Central Region	Certification	0	2022	P	-	-	-	-	-	1	-	1
					A	-	-	-	-	-	-	-	-

Details

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

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2022	2023	2024	2025	2026	2027	2028	EOP 2028
3.3	Strategy for water supply services in the Interior Region considering climate change aspects approved by the Ministry of Natural Resources	Strategy	0	2022	P	-	-	-	-	-	1	-	1
					A	-	-	-	-	-	-	-	-

Details

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

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

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

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2028	2022	EOP 2028
1.01	Micrometers installed	micrometers	P	-	7,000	-	1,050,000
			P (a)	-	7,000	-	1,050,000
			A	-	-	-	-
1.02	Smart water infrastructure technologies for Non-Revenue Water reduction implemented	system	P	-	1	-	1,000,000
			P (a)	-	1	-	1,000,000
			A	-	-	-	-
1.03	Service connections replaced	connections	P	-	3,000	-	900,000
			P (a)	-	3,000	-	900,000
			A	-	-	-	-
1.04	Leaks detected and repaired	leaks	P	-	3,760	-	2,230,000
			P (a)	-	3,760	-	2,230,000
			A	-	-	-	-
1.05	Non-revenue water unit strengthened and equipped	Unit	P	-	1	-	2,070,000
			P (a)	-	1	-	2,070,000
			A	-	-	-	-
1.06	District Metered Areas (DMA) created	Areas	P	-	5	-	1,250,000
			P (a)	-	5	-	1,250,000
			A	-	-	-	-
1.07	Customer Database updated	Database	P	-	1	-	500,000
			P (a)	-	1	-	500,000
			A	-	-	-	-

Component Nbr. 2 Upgrading Water Production Infrastructure

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2028	2022	EOP 2028
2.01	Helena Christina pump station expanded	pump station	P	-	1	-	4,700,000
			P (a)	-	1	-	4,700,000
			A	-	-	-	-
2.02	Storage tanks built	tanks	P	-	2	-	2,000,000
			P (a)	-	2	-	2,000,000
			A	-	-	-	-
2.03	Supervisory control and data acquisition (SCADA) system implemented	system	P	-	1	-	1,000,000
			P (a)	-	1	-	1,000,000
			A	-	-	-	-

Component Nbr. 3 Institutional Strenghtening and Modernization of SWM

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2028	2022	EOP 2028
3.01	Drinking Water Supply Strategy in the Interior considering climate change aspects developed	strategy	P	-	1	-	550,000
			P (a)	-	1	-	550,000
			A	-	-	-	-
3.02	Information Technology System Audit conducted	audit	P	-	1	-	250,000
			P (a)	-	1	-	250,000
			A	-	-	-	-
3.03	Organizational structure and accessibility assessed	Assessment	P	-	1	-	150,000
			P (a)	-	1	-	150,000
			A	-	-	-	-
3.04	Action Plan for strengthening of Financial and Economic Affairs Department at SWM implemented	Action Plan	P	-	1	-	450,000
			P (a)	-	1	-	450,000
			A	-	-	-	-
3.05	Action Plan for strengthening of Human Resources Management Department implemented	Action Plan	P	-	1	-	475,000
			P (a)	-	1	-	475,000
			A	-	-	-	-
3.06	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)	-	1	-	1,415,000
			A	-	-	-	-
3.07	Information Technology infrastructure updated	Infrastructure	P	-	1	-	1,500,000
			P (a)	-	1	-	1,500,000
			A	-	-	-	-
3.08	Training program for women and men in plumbing, water management, and climate change aspects designed and implemented	Training	P	-	1	-	100,000
			P (a)	-	1	-	100,000
			A	-	-	-	-
3.09	Cost of service study conducted	Study	P	-	1	-	200,000
			P (a)	-	1	-	200,000
			A	-	-	-	-

Other Cost				
	Administrative Expenses (including PEU support, communication, supervision and implementation of ESMP)	P	7,000	1,800,000
		P (a)	7,000	1,800,000
		A	6,807.68	6,807.68
	Evaluation, Monitoring, and Audits	P		160,000
		P (a)		160,000
		A		0
	Contingencies	P		1,250,000
		P (a)		1,250,000
		A		0
Total Cost				
	Total Cost	P	7,000	25,000,000
		P (a)	7,000	25,000,000
		A	6,807.68	6,807.68

No information available for this section

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
1	Active		Political Environment
	Response Actions		
	1.01	Management Strategy	Status
		ACCEPT	ACTIVE

Risk ID	Risk Status		Risk Taxonomy		
2	Active		Human Resources		
	Response Actions				
	2	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy		
3	Active		Goods, and Services		
	Response Actions				
	3.01	Management Strategy		Status	
		MITIGATE		ACTIVE	
	3.02	Management Strategy		Status	
		MITIGATE		ACTIVE	

Risk ID	Risk Status		Risk Taxonomy		
4	Active		Technical Design		
	Response Actions				
	4	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy		
5	Active		Environmental and Social Safeguards		
	Response Actions				
	5	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy
6	Active		Goods, and Services
	Response Actions		
	6.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
7	Active		Goods, and Services
	Response Actions		
	7.01	Management Strategy	Status
		ACCEPT	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
8	Active		Organizational Structure
	Response Actions		
	8.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
9	Active		Goods, and Services
	Response Actions		
	9.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
10	Active		Goods, and Services
	Response Actions		
	10.01	Management Strategy	Status
		MITIGATE	ACTIVE

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories
Project Management Capacity
Acquisitions and Procurement - Bidding Stage