

PMR Operational Report

Operation Number	SU-L1018	Chief of Operations Validation Date	10/16/17
Year- PMR Cycle	First period Jan-Jun 2017	Division Chief Validation Date	
Last Update	09/29/17	Country Representative Validation Date	
PMR Validation Stage	Validated by Chief of Operations		

Basic Data

Operation Profile

Operation Name	Water Supply Infrastructure Rehabilitation	Loan Number	2451/OC-SU
Executing Agency	Surinaamsche Waterleiding Maatschapij	Sector/Subsector	AS - WATER AND SANITATION
Team Leader	MELLINGER,YVON	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		

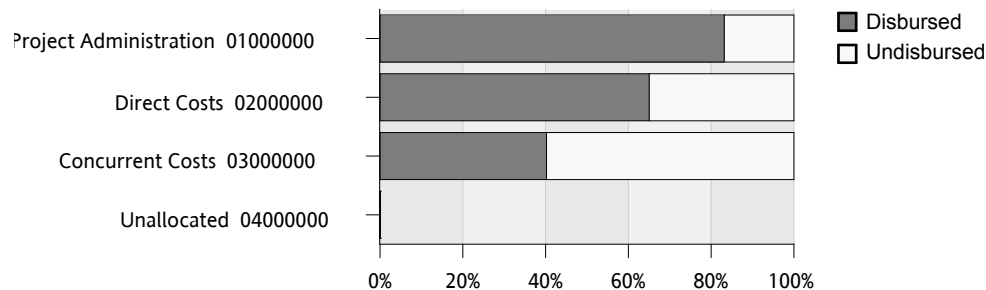
Environmental and Social Safeguards

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

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-L1018	12,000,000	12,000,000	500,000	0	12,500,000	12,000,000	9,780,116.44	81.50%	2,219,883.56
Aggregated	12,000,000	12,000,000	500,000	0	12,500,000	12,000,000	9,780,116.44	81.50%	2,219,883.56

Expense Categories by Loan Contract (cumulative values)



Please note that the Overall Stage represents the stage of the operation at the time of this report's publication, which might not necessarily match the stage of the operation during the PMR Cycle to which the report pertains. Please also 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.

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RESULTS MATRIX

IMPACTS

No information available for this section

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OUTCOMES

Outcome Nbr. 1: Water supply network in Greater Paramaribo improved

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2012	2013	2014	2015	2016	2017	EOP 2017
1.1	Households connected to an upgraded water supply network	Households (#)	0.0	2010	P			6,560.00	3,560.00	1,480.00		11,600.00
					P(a)			5,000.00		5,000.00		10,000.00
					A			5,000.00	0.00	5,500.00	6,150.00	16,650.00
Details												
Means of verification: SWM statistics; Project Progress Reports												
Pro-Gender	No	Pro-Ethnicity				No						
	Afro-descendant				P							
					P(a)							
					A							
	Indigenous				P							
					P(a)							
					A							

Outcome Nbr. 2: Level of Non Revenue Water (NRW) decreased

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2012	2013	2014	2015	2016	2017	EOP 2017
2.1	Volume of potable water billed	mill m3/year	16.7	2010	P					18.45		18.45
					P(a)					18.45		18.45
					A				0.00	24.40		24.40
Details												
Means of verification: SWM financial data; Project Monitoring and Evaluation System												
Observations: The baseline is based on assumptions that needs to be validated during the NRW program to be financed through the proposed operation. An accurate water balance analysis will allow to obtain a reliable baseline, this is expected to be available in 2015.												
Pro-Gender		No	Pro-Ethnicity				No					
Indicator		Unit of Measure	Baseline	Baseline Year		2012	2013	2014	2015	2016	2017	EOP 2017
2.2	Level of Non Revenue Water (NRW) in areas targeted by the project through the Non Revenue Water (NRW) program	percentage points	45.0	2010	P			41.00	38.00	35.00		35.00
					P(a)			45.00	42.00	35.00		35.00

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OUTCOMES

2.2	Level of Non Revenue Water (NRW) in areas targeted by the project through the Non Revenue Water (NRW) program	percentage points	45.0	2010	A			45.00	44.00	39.80		39.80
Details												
Means of verification: Consultant report; SWM measurements; Project Monitoring and Evaluation System												
Observations: The baseline is based on assumptions that needs to be validated during the NRW program to be financed through the proposed operation. An accurate water balance analysis will allow to obtain a reliable baseline., this is expected to be available in 2015.												
Pro-Gender		No			Pro-Ethnicity		No					

Outcome Nbr. 3: Energy use in SWM improved

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2012	2013	2014	2015	2016	2017	EOP 2017
3.1	Energy Consumption in the 8 pilot facilities	MWh/year	13000.0	2009	P		12,500.00	12,000.00	11,000.00	10,000.00		10,000.00
					P(a)		12,500.00	12,500.00	12,000.00	12,600.00	12,200.00	12,200.00
					A		13,000.00	12,965.00	12,965.00	12,965.00	12,912.00	12,912.00
Details												
Means of verification: Evaluation Report on the Analysis of operating Electrical Costs of the works financed through the Project												
Pro-Gender		No			Pro-Ethnicity			No				

Outcome Nbr. 4: Water supply agencies capacity (in O&M and water quality monitoring) improved

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2012	2013	2014	2015	2016	2017	EOP 2017
4.1	Time response to complains	Days	10.0	2010	P			8.00	7.00	5.00		5.00
					P(a)			8.00	7.00	5.00		5.00
					A			8.00	7.00	5.00		5.00
Details												
Means of verification: SWM statistics; Project Monitoring and Evaluation System												
Observations: This indicator will be refined at project inception												
Pro-Gender		No			Pro-Ethnicity			No				

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Water Supply System Rehabilitation

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2017	EOP 2017	2017	EOP 2017
1.1	Asbestos pipes replaced	Km	P		16		2,200,000
			P(a)	4	22	2,883,497	4,352,491.85
			A	4.6	22.6	1,266,674	2,735,668.85
1.2	Secondary distribution network pipes replaced	Km	P		35		987,000
			P(a)		12.5	38,439	1,093,959.98
			A		12.5	49,173	1,104,693.98
1.3	Secondary distribution network pipes re-laid	Km	P		70		1,435,114.7
			P(a)		11	9,161	279,560.36
			A		11	0	270,399.36
1.4	Household Connections (including micro meters) in Leidingen replaced	Connections	P		5,000		487,000
			P(a)		5,000	0	697,355.2
			A		5,000	0	697,355.2
1.5	Cast-Iron pipe replaced with Polyvinyl chloride (PVC) pipe	Km	P		7		651,000
			P(a)		7	202,206	1,352,496.75
			A		7	36,274	1,186,564.75

Component Nbr. 2 Non Revenue Water Program

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2017	EOP 2017	2017	EOP 2017
2.1	Flow and pressure meters installed	Meters	P		80		1,000,000
			P(a)	26	101	34,034	543,607.55
			A	14	89	9,876	519,449.55
2.2	Suriname Water Company (SWM) Staff trained on Non Revenue Water (NRW)	People	P		10		50,000
			P(a)		15	0	16,514
			A		30	0	16,514
2.3	NRW Action Plan (on interventions related to Non Revenue Water reduction) completed	Designs	P		1		641,000
			P(a)		1	540,986	1,369,172.18
			A		1	371,616	1,199,802.18
2.4	Non Revenue Water (NRW) program implemented by the Suriname Water Company (SWM)	Program	P		1		500,000
			P(a)	0.3	1	0	266,904.42
			A	0.3	1	0	266,904.42

Component Nbr. 3 Energy efficiency pilot project

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2017	EOP 2017	2017	EOP 2017
3.1	Portable measuring equipment purchased	Equipment	P		12		42,111.74
			P(a)		12	0	42,029.74
			A		12	0	42,029.74
3.2	Pumping stations optimized (rehabilitated, calibrated, etc.)	Pumping stations	P		8		460,000
			P(a)	4	8	314,098	445,428
			A	2	6	261,328	392,658

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 4 Institutional strengthening

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2017	EOP 2017	2017	EOP 2017
4.1	Suriname Water Company (SWM) Staff trained on energy efficiency	People	P		21		12,000
			P(a)		21	0	11,951
			A		41	0	11,951
4.2	Department for Water Supply under the Ministry of Natural Resources (NH/DWC) Staff trained on water quality	People	P		5		30,000
			P(a)		20	0	42,127
			A		21	0	42,127
4.3	Management Information System upgrades completed	Systems	P		1		220,000
			P(a)	2	2	425,075	444,124
			A	1	1	114,988	134,037
4.4	Information and Communication Technology (ICT) Servers and server room upgraded	Servers	P		2		300,000
			P(a)	2	2	106,954	123,366.36
			A	2	2	78,320	94,732.36
4.5	Suriname Water Company (SWM) Staff trained on Operation and Maintenance (O&M)	people	P		20		103,000
			P(a)		20	0	6,032.35
			A		20	14,509	20,541.35

Other Cost

Auditing	P				120,000
	P(a)			29,880	80,288
	A			14,469	64,877
Contingencies	P				1,700,050
	P(a)			0	50
	A			0	50
Financial charges	P				180,000
	P(a)			0	10,941.25
	A			1,750	12,691.25
Monitoring and Evaluation	P				60,000
	P(a)			25,000	41,931
	A			3,502	20,433
Project administration	P				791,387
	P(a)			143,810	790,148.37
	A			45,054	691,392.37
Project standard information campaign	P				54,000
	P(a)			0	0
	A			0	0
Work supervision	P				250,000
	P(a)			0	0
	A			0	0

Total Cost

Total Cost	P				12,513,663.44
	P(a)			4,753,140	12,202,479.36
	A			2,267,533	9,524,872.36

CHANGES TO THE MATRIX

No information available for this section