



Operation Number: **SU-L1018**
Year- PMR Cycle: **Second period Jan-Dec 2014**
Last Update: **4/14/2015**
PMR Validation Stage: **Validated by Representative**

Chief of Operations validation date: **04/15/2015**
Division Chief validation date: **04/20/2015**
Country Representative validation date: **05/01/2015**

Inter-American Development Bank - IDB
Office of Strategic Planning and Development Effectiveness

Operation Profile

Basic Data

Operation name:	Water Supply Infrastructure Rehabilitation	Loan Number:	2451/OC-SU
Executing Agency (EA):	Surinaamsche Waterleiding Maatschapij		
Team Leader:	Mellinger, Yvon	Sector/Subsector:	AS
Operation Type:	Loan Operation	Overall Stage:	Disbursing (From eligibility until all the loans are closed).
Lending Instrument:	Investment Loan	Country:	SURINAME
Borrower:	REPUBLIC OF SURINAME		Convergence related Operation(s):

Total Cost and Source

	Original IDB	Current Active IDB	Local Counterpart	Co-Financing/Country	Total operation cost - Original Estimate
SU-L1018	\$12,000,000.00	\$12,000,000.00	\$500,000.00	\$0.00	\$12,500,000.00

Available Funds (US\$)

	Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Balance
SU-L1018	\$12,000,000.00	\$3,731,886.44	31.10%	\$8,268,113.56

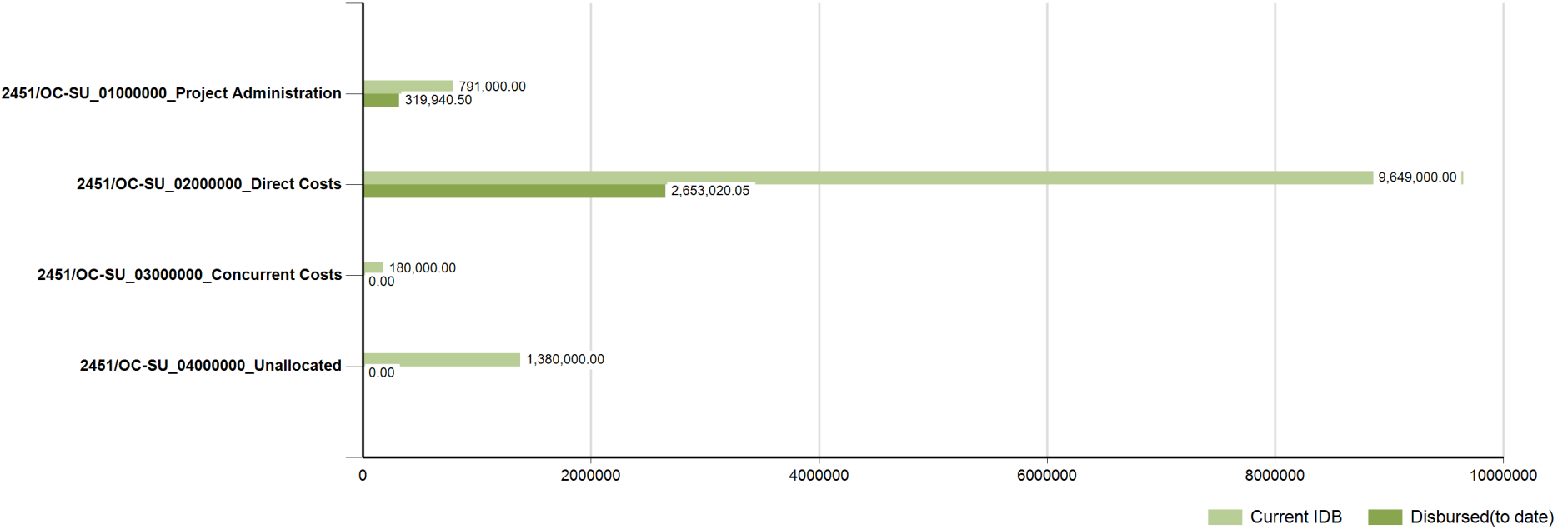
Environmental and Social Safeguards

Main Operation	
Impacts Category:	B
Safeguard Performance Rating:	
Safeguard Performance Rating - Rationale:	

Reformulation Information

Main Operation	
Was/Were the objective(s) of this operation reformulated?	NO
Date of approval:	

Expense Categories by Loan Contract (cumulative values)



2.2 Level of Non Revenue Water (NRW) in areas targeted by the project through the Non Revenue Water (NRW) program						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.	P			41.00	38.00	35.00	35.00
							P(a)			45.00	42.00	35.00	35.00
							A			45.00			
		percentage points	45.00	2010	Consultant report; SWM measurements; Project Monitoring and Evaluation System								

Outcome:	3 Energy use in SWM improved
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Observation:	
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[illegible]

Outcome:	4 Water supply agencies capacity (in O&M and water quality monitoring) improved
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Observation:	
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Indicators	Flags*	Unit of Measure	Baseline	Baseline Year	Means of verification	Observations	2012		2013	2014	2015	2016	EOP
4.1 Time response to complains		Days	10.00	2010	SWM statistics; Project Monitoring and Evaluation System	This indicator will be refined at project inception	P			8.00	7.00	5.00	5.00
							P(a)			8.00	7.00	5.00	5.00
							A			8.00			

 RF - RF Indicator

 SI - Sector Indicator

 CI - Country Indicator

 PG - Pro-Gender

 PE - Pro-Ethnicity

Outputs: Annual Physical and Financial Progress

Water Supply System Rehabilitation		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2014	EOP		2014	EOP
Asbestos pipes replaced	Km	P	8.00	16.00	P	1,461,000.00	2,200,000.00
		P(a)	0.00	16.00	P(a)	323,000.00	2,310,691.00
		A	0.00	0.00	A	305,540.00	305,540.00
Secondary distribution network pipes replaced	Km	P	17.00	35.00	P	425,000.00	987,000.00
		P(a)	0.00	12.50	P(a)	713,000.00	1,701,359.00
		A	0.00	0.00	A	774,369.00	774,369.00
Secondary distribution network pipes re-laid	Km	P	40.00	70.00	P	699,000.00	1,435,114.70
		P(a)	0.00	45.00	P(a)	100,000.00	1,381,792.70
		A	0.00	0.00	A	0.00	32,484.70
Micro meters installed in Wanica and Para	Micro Meters	P	1,500.00	3,000.00	P	150,000.00	240,000.00
		P(a)	0.00	0.00	P(a)		0.00
		A	0.00	0.00	A	0.00	0.00
Household Connections (including micro meters) in Leidingen replaced	Connections	P	2,400.00	5,000.00	P	72,000.00	487,000.00
		P(a)	5,000.00	5,000.00	P(a)	291,000.00	697,355.20
		A	5,000.00	5,000.00	A	272,537.00	693,461.20
Cast-Iron pipe replaced with Polyvinyl chloride (PVC) pipe	Km	P	7.00	7.00	P	241,000.00	651,000.00
		P(a)	0.00	7.00	P(a)	630,000.00	1,285,074.00
		A	0.00	0.00	A	613,555.00	613,555.00
Non Revenue Water Program		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2014	EOP		2014	EOP
Flow and pressure meters installed	Meters	P	40.00	80.00	P	650,000.00	1,000,000.00
		P(a)	0.00	80.00	P(a)	500,000.00	1,000,000.00
		A	9.00	9.00	A	236,858.00	236,858.00
Suriname Water Company (SWM) Staff trained on Non Revenue Water (NRW)	People	P	5.00	10.00	P	30,000.00	50,000.00
		P(a)	5.00	15.00	P(a)		66,514.00
		A	10.00	10.00	A	16,514.00	16,514.00
Final designs for civil works (on network rehabilitation and interventions related to Non Revenue Water reduction) completed	Designs	P	1.00	1.00	P	262,000.00	641,000.00
		P(a)	0.00	1.00	P(a)		641,000.00
		A	0.00	0.00	A	0.00	0.00
Non Revenue Water (NRW) program implemented by the Suriname Water Company (SWM)	Program	P		1.00	P	410,000.00	500,000.00
		P(a)	0.00	1.00	P(a)		500,000.00
		A	0.00	0.00	A	56,540.00	56,540.00
Energy efficiency pilot project		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2014	EOP		2014	EOP
Portable measuring equipment purchased	Equipment	P		12.00	P	0.00	42,111.74
		P(a)	5.00	12.00	P(a)	18,791.26	42,029.74
		A	5.00	12.00	A	18,821.00	42,029.74
Pumping stations optimized (rehabilitated, calibrated, etc.)	Pumping stations	P	4.00	8.00	P	180,000.00	460,000.00
		P(a)	2.00	8.00	P(a)	106,000.00	448,604.00
		A	2.00	2.00	A	42,929.00	65,124.00
Institutional strengthening		Physical Progress			Financial Progress		
Outputs	Unit of Measure		2014	EOP		2014	EOP
Suriname Water Company (SWM) Staff trained on energy efficiency	People	P	21.00	21.00	P	2,000.00	12,000.00
		P(a)	21.00	21.00	P(a)	2,000.00	11,951.00
		A	21.00	41.00	A	1,951.00	11,951.00

Department for Water Supply under the Ministry of Natural Resources (NH/DWC) Staff trained on water quality	People	P		5.00	P	8,000.00	30,000.00
		P(a)	20.00	21.00	P(a)	42,000.00	42,127.00
		A	21.00	21.00	A	42,127.00	42,127.00
Management Information System integration completed	Systems	P	1.00	1.00	P	144,000.00	220,000.00
		P(a)	0.00	1.00	P(a)	20,000.00	420,000.00
		A	0.00	0.00	A	5,715.00	5,715.00
Information and Communication Technology (ICT) Servers upgraded	Servers	P	1.00	2.00	P	190,000.00	300,000.00
		P(a)	0.00	2.00	P(a)		100,000.00
		A	0.00	0.00	A	0.00	0.00
Suriname Water Company (SWM) Staff trained on Operation and Maintenance (O&M)	people	P	10.00	20.00	P	50,000.00	103,000.00
		P(a)	10.00	10.00	P(a)		73,486.00
		A	0.00	0.00	A		0.00
Management, contingencies and others							

Other Cost		2014	Cost
Project administration	P	\$175,000.00	\$791,387.00
	P(a)	\$71,000.00	\$790,999.80
	A	\$112,830.00	\$328,142.80
Auditing	P	\$40,000.00	\$120,000.00
	P(a)	\$32,500.00	\$120,000.00
	A	\$30,831.00	\$30,831.00
Work supervision	P	\$85,000.00	\$250,000.00
	P(a)	\$32,500.00	\$250,000.00
	A	\$0.00	\$0.00
Monitoring and Evaluation	P	\$30,000.00	\$60,000.00
	P(a)	\$14,781.00	\$60,000.00
	A	\$14,431.00	\$16,931.00
Contingencies	P	\$850,000.00	\$1,700,050.00
	P(a)		\$350,016.76
	A	\$0.00	\$50.00
Financial charges	P	\$45,000.00	\$180,000.00
	P(a)		\$179,999.80
	A	\$2,163.00	\$4,567.80
Project standard information campaign	P	\$21,000.00	\$54,000.00
	P(a)	\$27,000.00	\$27,000.00
	A	\$0.00	\$0.00
Total Cost		2014	Total Cost
	P	\$6,220,000.00	\$12,513,663.44
	P(a)	\$2,923,572.26	\$10,050,290.00
	A	\$2,547,711.00	\$3,276,791.24

Changes to the Matrix

Section	Name	Type of Change	Reasons	Entered in the System	Agreed with Executing Agency
Output	Suriname Water Company (SWM) Staff trained on Operation and Maintenance (O&M)	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Information and Communication Technology (ICT) Servers upgraded	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Management Information System integration completed	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015

Output	Department for Water Supply under the Ministry of Natural Resources (NH/DWC) Staff trained on water quality	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Suriname Water Company (SWM) Staff trained on energy efficiency	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Pumping stations optimized (rehabilitated, calibrated, etc.)	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Portable measuring equipment purchased	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Non Revenue Water (NRW) program implemented by the Suriname Water Company (SWM)	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Final designs for civil works (on network rehabilitation and interventions related to Non Revenue Water reduction) completed	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Suriname Water Company (SWM) Staff trained on Non Revenue Water (NRW)	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Flow and pressure meters installed	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Micro meters installed in Wanica and Para	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Cast-Iron pipe replaced with Polyvinyl chloride (PVC) pipe	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Household Connections (including micro meters) in Leidingen replaced	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Secondary distribution network pipes re-laid	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Secondary distribution network pipes replaced	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Asbestos pipes replaced	Modify Means of Verification	The "Means of verification" for the output were included in the output details.	4/8/2015	4/8/2015
Output	Suriname Water Company (SWM) Staff trained on Operation and Maintenance (O&M)	Modify Financial P(a) value	The physical P(a) for 2015 and 2016 was adjusted based in the progress to date and planned activities for 2015 and 2016	3/30/2015	3/27/2015
Output	Suriname Water Company (SWM) Staff trained on Non Revenue Water (NRW)	Modify Financial P(a) value	The physical P(a) for 2015 and 2016 was adjusted based in the progress to date and planned activities for 2015 and 2016	3/30/2015	3/27/2015
Output	Portable measuring equipment purchased	Modify Financial P(a) value	The financial EOP target was slightly modified as a result of a small variation in the final cost of the equipment purchased.	3/30/2015	3/27/2015
Output	Cast-Iron pipe replaced with Polyvinyl chloride (PVC) pipe	Modify Financial P(a) value	The financial P(a) for 2015 and 2016 was adjusted based in the progress to date and planned activities for 2015 and 2016	3/30/2015	3/27/2015
Output	Information and Communication Technology (ICT) Servers upgraded	Modify Financial P(a) value	In line with the activities to be implemented for this output the financial P(a) for 2015 and 2016 was adjusted.	3/28/2015	3/27/2015
Output	Management Information System integration completed	Modify Financial P(a) value	Due to delays in achieving the 2014 financial target and in line with the activities to be implemented for this output the financial P(a) for 2015 and 2016 was adjusted.	3/28/2015	3/27/2015
Output	Department for Water Supply under the Ministry of Natural Resources (NH/DWC) Staff trained on water quality	Modify Financial P(a) value	No changes were made to P(a)	3/28/2015	3/27/2015

Output	Suriname Water Company (SWM) Staff trained on energy efficiency	Modify Financial P(a) value	No changes were made to P(a)	3/28/2015	3/27/2015
Output	Household Connections (including micro meters) in Leidingen replaced	Modify Financial P(a) value	The financial P(a) for 2015 and 2016 was adjusted based in the progress to date and planned activities for 2015 and 2016	3/28/2015	3/27/2015
Output	Secondary distribution network pipes re-laid	Modify Financial P(a) value	The financial P(a) for 2015 and 2016 was adjusted based in the progress to date and planned activities for 2015 and 2016	3/28/2015	3/27/2015
Output	Secondary distribution network pipes replaced	Modify Financial P(a) value	The financial P(a) for 2015 and 2016 was adjusted based in the progress to date and planned activities for 2015 and 2016	3/28/2015	3/27/2015
Output	Asbestos pipes replaced	Modify Financial P(a) value	The financial P(a) for 2015 and 2016 was adjusted based in the progress to date and planned activities for 2015 and 2016	3/28/2015	3/26/2015
Output	Suriname Water Company (SWM) Staff trained on Operation and Maintenance (O&M)	Modify Physical P(a) value	The physical P(a) for 2015 and 2016 was adjusted based in the progress to date and planned activities for 2015 and 2016	3/28/2015	3/27/2015
Output	Department for Water Supply under the Ministry of Natural Resources (NH/DWC) Staff trained on water quality	Modify Physical P(a) value	No changes were made to P(a)	3/28/2015	3/27/2015
Output	Suriname Water Company (SWM) Staff trained on Non Revenue Water (NRW)	Modify Physical P(a) value	The physical P(a) for 2015 and 2016 was adjusted based in the progress to date and planned activities for 2015 and 2016	3/28/2015	3/27/2015

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.