

PMR Public Report

Operation Number	PN-L1148	Chief of Operations Validation Date	04/14/21
Year- PMR Cycle	Second period Jan-Dec 2020	Division Chief Validation Date	04/15/21
Last Update	03/30/21	Country Representative Validation Date	05/12/21
PMR Validation Stage	Validated by Representative		

Basic Data

Operation Profile

Operation Name	Program to Improve the Operational Management of the National Water and Sewer Systems Institute in the Panama City Metropolitan Area	Loan Number	4434/OC-PN
Executing Agency	INSTITUTO DE ACUEDUCTOS Y ALCANTARILLADOS NACIONALES	Sector/Subsector	WATER AND SANITATION-WATER SUPPLY RURAL AND PERI-URBAN
Team Leader	GARZONIO, OMAR DARIO	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Loan Operation	Country	Panama
Lending Instrument	Investment Loan	Convergence related Operation(s)	
Borrower	REPUBLICA DE PANAMA		

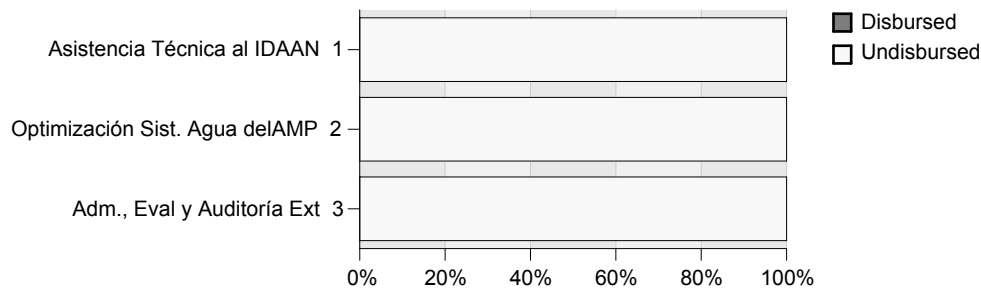
Environmental and Social Safeguards

Impacts Category	B	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating	Satisfactory	Date of approval	
Safeguard Performance Rating - Rationale	La operación ha sido aprobada por la Dirección del Banco en cumplimiento con las políticas y se han iniciado actividades que no conllevan impactos ambientales y sociales negativos que incidan en su desempeño.		

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
PN-L1148	250,000,000	250,000,000	5,500,000	0	255,500,000	250,000,000	2,751,477.37	1.10%	247,248,522.63
Aggregated	250,000,000	250,000,000	5,500,000	0	255,500,000	250,000,000	2,751,477.37	1.10%	247,248,522.63

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.

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RESULTS MATRIX

General Development Objectives

No information available for this section

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Specific Development Objectives

Specific Development Objectives Nbr. 0: Gestión operativa y comercial del IDAAN mejorada en la prestación del servicio de agua potable para el Area Metropolitana de Panama (AMP)

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	2023	2024	2025	EOP 2024
0.0	Costos operativos por volumen facturado	Indice	1.14	2017	P				1.08	1.04	1.01	0.97	0.97	0.97
					A		0.00	0.00						
Details														
Pro-Gender		No				Pro-Ethnicity			No					
Indicator		Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	2023	2024	2025	EOP 2024
0.1	Recaudo corriente por volumen facturado	Indice	1.02	2016	P				1.10	1.13	1.16	1.19	1.19	1.19
					A		0.00	0.00						
Details														
Pro-Gender		No				Pro-Ethnicity			No					
Indicator		Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	2023	2024	2025	EOP 2024
0.2	Índice de reclamos de clientes	%	5.40	2016	P				3.92	3.43	2.94	2.45	2.45	2.45
					A		0.00	0.00						
Details														
Pro-Gender		No				Pro-Ethnicity			No					
Indicator		Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	2023	2024	2025	EOP 2024
0.3	Oficina Regional de la AMP del IDAAN descentralizada para la gestión de proveeduría, tesorería y personal	Oficina	0.00	2017	P					1.00				1.00
					A		0.00	0.00						
Details														
Pro-Gender		No				Pro-Ethnicity			No					
Indicator		Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	2023	2024	2025	EOP 2024
0.4	Porcentaje de PTARs de urbanizaciones que cuentan con Plan de Acción para su rehabilitación y con las condiciones de traspaso al IDAAN	%	0.00	2017	P				30.00	60.00	100.00	100.00	100.00	100.00
					A		0.00	0.00						
Details														

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Specific Development Objectives

Pro-Gender	No	Pro-Ethnicity	No
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Specific Development Objectives Nbr. 1: Optimizacion del sistema de producción y distribución de agua potable en el AMP

Observation: 1/ Hogares con acceso mejorado se refiere a los hogares que cuentan con continuidad del servicio de agua las 24 horas del día y con presión conforme a normativa. 2/ El índice de continuidad se calcula como $(1 - (\sum_{i=1}^N \frac{[Horas\ da\o i \times Usuarios\ afectados\ i]}{[Horas\ da\o i \times Usuarios\ afectados\ i]})) / (Número\ promedio\ de\ usuarios \times Horas\ del\ a\o))$

Indicator		Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	2023	2024	2025	EOP 2024
1.0	Porcentaje de agua no contabilizada en el AMP	%	50.00	2016	P							30.00	30.00	30.00
					A		0.00	0.00						

Details

Pro-Gender	No	Pro-Ethnicity	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	2023	2024	2025	EOP 2024
1.1	Hogares con acceso domiciliar a agua potable mejorado con el programa	Hogares	0.00	2017	P						406,781.00	406,781.00	406,781.00
					A		0.00	0.00					

Details

Pro-Gender	No	Pro-Ethnicity	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2018	2019	2020	2021	2022	2023	2024	2025	EOP 2024
1.2	Índice de continuidad	%	80.00	2016	P				83.40	87.10	94.50	100.00	100.00	100.00
					A		0.00	0.00						

Details

Pro-Gender	No	Pro-Ethnicity	No
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RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Asistencia Técnica al IDAAN

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2024	2020	EOP 2024
1.1	Plan de Negocios del Área Metropolitana de Panamá, aprobado	Plan	P		1		1,291,500
			P(a)		1		2,753,319.63
			A	0	0	0	0
1.2	Actividades del Plan de Negocios del AMP, implementadas	Actividad	P		7		28,948,500
			P(a)		7		30,334,683.16
			A	0	0	0	0
1.3	Plan Maestro de Acueductos del AMP, aprobado	Plan	P		1		2,100,000
			P(a)		1		2,118,561.66
			A	0	0	0	0
1.4	Paquete de diseños definitivos para redes de distribución de agua potable para el AMP, elaborado	Paquete	P		1		7,450,000
			P(a)		1		2,524,308.07
			A	0	0	0	0
1.5	Catastro de viviendas y usuarios del AMP, actualizado	Catastro	P		1		4,200,000
			P(a)		1		5,956,249.08
			A	0	0	0	0
1.6	Estudio de PTAR de urbanizaciones en el AMP, realizado	Estudio	P		1		525,000
			P(a)		1		86,834.78
			A	0	0	0	0
1.7	Talleres u Oficinas de las Regionales de Panamá Oeste, Panamá Metro y Arraiján y de la Dirección del AMP , mejorados o construidos	Número	P		7		4,939,000
			P(a)		7		5,144,050.56
			A	0	0	0	0
1.8	Personal para la Dirección del AMP, contratado	Persona	P		63		2,976,000
			P(a)		63		2,976,000
			A	0	0	0	0
1.9	Plan de modernización y mejora de la eficiencia del Servicio de Atención a Clientes para el AMP, implementado	Plan	P		1		2,415,000
			P(a)		1		2,444,050.56
			A	0	0	0	0
1.10	Personal del IDAAN capacitado	Persona	P		1,709		210,000
			P(a)		1,709		834,550.73
			A	0	0	0	0
1.11	Programa de Comunicación y Sensibilización a la población para reducción del consumo, implementado	Programa	P		1		2,415,000
			P(a)		1		2,444,050.56
			A	0	0	0	0
1.12	Plan de Reingeniería de Procesos y Estructura del IDAAN Central, aprobado	Plan	P		1		630,000
			P(a)		1		329,091.22
			A	0	0	0	0
1.13	Plan de Reingeniería de Procesos y Estructura del IDAAN Central, implementado	Plan	P		1		2,520,000
			P(a)		1		2,674,250
			A	0	0	0	0

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 2 Optimización del sistema de producción y distribución del agua potable en el AMP

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2024	2020	EOP 2024
2.1	Plantas de Tratamiento de Agua Potable PTAP, rehabilitadas	Planta	P		7	60,690	36,631,630
			P(a)		7		41,833,929.45
			A	0	0	0	0
2.2	Líneas de conducción, construidas y/o rehabilitadas	Km	P		147		52,403,628
			P(a)		147		49,898,534.46
			A	0	0	0	0
2.3	Estaciones de bombeo rehabilitadas	Estación	P		11		4,830,000
			P(a)		11		4,830,000
			A	0	0	0	0
2.4	Macrosectores creados	Macrosector	P		10		28,569,612
			P(a)		10		28,569,612
			A	0	0	0	0
2.5	Macrosectores optimizados	Macrosector	P		4		65,837,130
			P(a)		4		63,139,924.09
			A	0	0	0	0

Other Cost

	Administración del Programa	P			40,000	6,183,000
		P(a)				6,112,999.99
		A			28,705.99	28,705.99
	Auditoría Externa del Programa	P				300,000
		P(a)				370,000
		A			0	0
	Evaluaciones del Programa	P				125,000
		P(a)				125,000
		A			0	0

Total Cost

	Total Cost	P			100,690	255,500,000
		P(a)				255,500,000
		A			28,705.99	28,705.99

CHANGES TO THE MATRIX

Section	Name	Type of Change	Subtype	Modified By	Entered in the System
Output	Actividades del Plan de Negocios del AMP, implementadas	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Catastro de viviendas y usuarios del AMP, actualizado	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Estaciones de bombeo rehabilitadas	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Estudio de PTAR de urbanizaciones en el AMP, realizado	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Líneas de conducción, construidas y/o rehabilitadas	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Macrosectores creados	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Macrosectores optimizados	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Paquete de diseños definitivos para redes de distribución de agua potable para el AMP, elaborado	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Personal del IDAAN capacitado	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Personal para la Dirección del AMP, contratado	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Plan Maestro de Acueductos del AMP, aprobado	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021

CHANGES TO THE MATRIX

Section	Name	Type of Change	Subtype	Modified By	Entered in the System
Output	Plan de Negocios del Área Metropolitana de Panamá, aprobado	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Plan de Reingeniería de Procesos y Estructura del IDAAN Central, aprobado	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Plan de Reingeniería de Procesos y Estructura del IDAAN Central, implementado	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Plan de modernización y mejora de la eficiencia del Servicio de Atención a Clientes para el AMP, implementado	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Plantas de Tratamiento de Agua Potable PTAP, rehabilitadas	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Programa de Comunicación y Sensibilización a la población para reducción del consumo, implementado	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021
	Talleres u Oficinas de las Regionales de Panamá Oeste, Panamá Metro y Arraiján y de la Dirección del AMP , mejorados o construidos	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	MARIESTHERL	03/29/2021
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	MARIESTHERL	03/29/2021

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IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories

Project Monitoring & Evaluation