

PMR Operational Report

Operation Number	BR-L1282	Chief of Operations Validation Date	10/09/18
Year- PMR Cycle	First period Jan-Jun 2018	Division Chief Validation Date	
Last Update	09/27/18	Country Representative Validation Date	
PMR Validation Stage	Validated by Chief of Operations		

Basic Data

Operation Profile

Operation Name	Environmental Sanitation Program for Municípios in the Guanabara Bay Area-PSAM	Loan Number	2646/OC-BR
Executing Agency	Secretaria del Estado de Rio de Janeiro para el Medio Ambiente	Sector/Subsector	AS - WATER AND SANITATION
Team Leader	MENDEZ TORRICO, E. GUSTAVO	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Loan Operation	Country	BRAZIL
Lending Instrument	Investment Loan	Convergence related Operation(s)	
Borrower	ESTADO DO RIO DE JANEIRO		

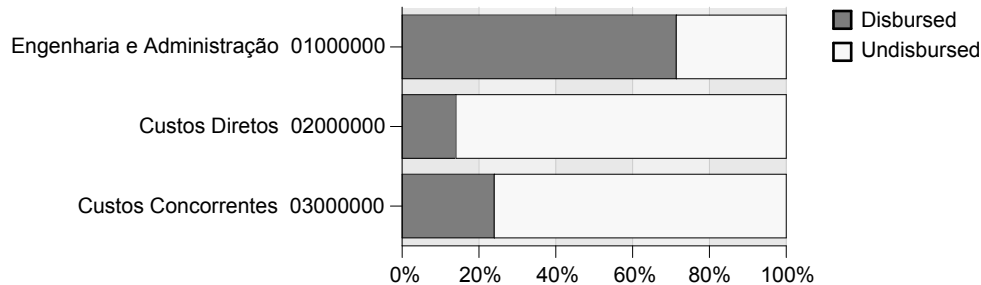
Environmental and Social Safeguards

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
BR-L1282	451,980,000	451,980,000	187,570,000	0	639,550,000	451,980,000	101,673,000	22.50%	350,307,000
Aggregated	451,980,000	451,980,000	187,570,000	0	639,550,000	451,980,000	101,673,000	22.50%	350,307,000

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

Impact Nbr. 1: Degradação ambiental da Baía de Guanabara revertida

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2017	2018	EOP 2019
1.1	Concentração de OD (Oxigenio Dissolvido) no ponto de monitoramento INEA MN00 (Estação de Desague do Canal do Mangue)	mg/L	0.10	2011	P			2.00
					P(a)	2.00		2.00
					A	0.00		

Details

Means of verification: Coleta das informações da qualidade da água como parte das atividades cotidianas da Gerência de Avaliação da Qualidade das Águas.

Pro-Gender	No	Pro-Ethnicity	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2017	2018	EOP 2019
1.2	Concentração de OD (Oxigenio Dissolvido) no ponto de monitoramento NA 741 (Estação Alcantara)	mg/L	1.20	2011	P			3.00
					P(a)	3.00		3.00
					A	0.00		

Details

Means of verification: Coleta das informações da qualidade da água como parte das atividades cotidianas da Gerência de Avaliação da Qualidade das Águas.

Pro-Gender	No	Pro-Ethnicity	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2017	2018	EOP 2019
1.3	Concentração de OD (Oxigenio Dissolvido) no ponto de monitoramento INEA SJ-220(Estação Pavuna)	mg/L	0.10	2011	P			2.00
					P(a)	2.00		2.00
					A	0.00		

Details

Means of verification: Coleta das informações da qualidade da água como parte das atividades cotidianas da Gerência de Avaliação da Qualidade das Águas.

Pro-Gender	No	Pro-Ethnicity	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2017	2018	EOP 2019
1.4	Carga orgânica removida	ton DBO5/dia	0.00	2011	P			25.00
					P(a)	25.00		25.00
					A	0.00		

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IMPACTS

Details											
Means of verification: Reportes do Operador das ETes											
Pro-Gender			No			Pro-Ethnicity			No		
Indicator		Unit of Measure	Baseline	Baseline Year		2017	2018	EOP 2019			
1.5	Concentração de OD (Oxigenio Dissolvido) no ponto de monitoramento SP-300 (Estação de Desague Sarapu)	mg/L	0.10	2011	P			2.00			
					P(a)	2.00		2.00			
					A	0.00					
Details											
Means of verification: Coleta das informações da qualidade da água como parte das atividades cotidianas da Gerência de Avaliação da Qualidade das Águas.											
Pro-Gender			No			Pro-Ethnicity			No		

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OUTCOMES

Outcome Nbr. 1: Vazão coletada e tratada nas ETEs incrementadas

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	EOP 2019
1.1	Esgoto tratado na ETE Alegria	Litros/seg	790.00	2011	P							1,540.00
					P(a)				750.00	750.00		1,540.00
					A		0.00	0.00	0.00	0.00		
Details												

Means of verification: Relatórios mensais de verificação

Pro-Gender	No	Pro-Ethnicity	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	EOP 2019
1.2	Esgoto tratado na ETE Alcântara	Litros/seg	0.00	2011	P							515.00
					P(a)				515.00		515.00	
					A		0.00	0.00	0.00	0.00		
Details												

Means of verification: Relatórios mensais de operação

Pro-Gender	No	Pro-Ethnicity	No
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Outcome Nbr. 2: Famílias atendidas com tratamento de esgoto a nível secundário

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	EOP 2019
2.1	Famílias conectadas ao sistema de tratamento secundario de esgoto (ETE Alegria)	Domicilios	129,365.00	2011	P							188,365.00
					P(a)					59,000.00		188,365.00
					A		0.00	0.00	0.00	0.00		
Details												

Means of verification: Relatórios mensais de operação

Pro-Gender	No	Pro-Ethnicity	No
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Indicator		Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	EOP 2019
2.2	Famílias conectadas ao sistema de tratamento secundário de esgoto (ETE Alcântara)	Domicilios	0.00	2011	P							45,495.00
					P(a)			0.00		45,495.00		45,495.00

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2.2	Famílias conectadas ao sistema de tratamento secundário de esgoto (ETE Alcântara)	Domicílios	0.00	2011	A		0.00	0.00	0.00	0.00		
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Details

Means of verification: Relatórios mensais de operação

Pro-Gender	No	Pro-Ethnicity	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	EOP 2019
2.3	Famílias conectadas ao sistema de tratamento secundário de esgoto (Sistema Baixada Fluminense)	Domicílios	0.00	2012	P						26,140.00
					P(a)				26,140.00		26,140.00
					A		0.00	0.00	0.00		

Details

Means of verification: Relatórios Mensais de operação

Pro-Gender	No	Pro-Ethnicity	No
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Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	EOP 2019
2.3	Hogares con nueva conexión a sistema de saneamiento por redes (Sistema Alcántara)	Households (#)	8,000.00	2012	P						
					P(a)				45,495.00		45,495.00
					A		0.00	0.00	0.00		

Details

Means of verification: Relatórios mensais de operação

Pro-Gender	No	Pro-Ethnicity	No
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	Percentage of households with new or upgraded sanitary connections that are afro-descendant				P							
					P(a)							
					A			0.00	0.00	0.00		
	Percentage of households with new or upgraded sanitary connections that are Indigenous				P							
					P(a)							
					A			0.00	0.00	0.00		
	Afro-descendant				P							
					P(a)							
					A				0.00			
	Indigenous				P							
					P(a)							
					A							

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		Indigenous				P(a)							
						A					0.00		
Indicator		Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	EOP 2019	
2.4	Hogares con nueva conexión a sistema de saneamento por redes (Sistema Baixada Fluminense)	Households (#)	0.00	2012	P								
					P(a)					26,140.00		26,140.00	
					A		0.00	0.00	0.00	0.00			
Details													
Means of verification: Relatórios mensais de operação													
Pro-Gender		No	Pro-Ethnicity				No						
	Percentage of households with new or upgraded sanitary connections that are afro-descendant				P								
					P(a)								
					A			0.00	0.00	0.00			
	Percentage of households with new or upgraded sanitary connections that are Indigenous				P								
					P(a)								
					A			0.00	0.00	0.00			
	Afro-descendant				P								
					P(a)								
					A				0.00	0.00			
	Indigenous				P								
					P(a)								
					A				0.00	0.00			

Outcome Nbr. 3: Contratos ajustados na área do PSAM

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	EOP 2019
3.1	Contratos ajustados	Contratos	0.00	2011	P		3.00	3.00	2.00			8.00
					P(a)		0.00	0.00	8.00			8.00
					A		0.00	0.00	0.00	0.00		

Details

Means of verification: Relatórios AGENERSA

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OUTCOMES

Pro-Gender	No	Pro-Ethnicity	No
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Outcome Nbr. 4: Plano de monitoramento atualizado

Observation:

Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	EOP 2019
4.1	Atualização do plano de monitoramento	Plano	2011	P	1.00						1.00
				P(a)	1.00						1.00
				A	1.00	0.00	0.00	0.00	0.00		

Details

Means of verification: Relatório INEA

Pro-Gender	No	Pro-Ethnicity	No
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Outcome Nbr. 5: Plano de redução de perdas de água aprovado

Observation:

Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	EOP 2019
5.1	Aprovação do plano de redução de perdas de água	Plano	2011	P		1.00					1.00
				P(a)			0.00	1.00			1.00
				A		0.00	0.00	0.00	0.00		

Details

Means of verification: Relatório CEDAE

Pro-Gender	No	Pro-Ethnicity	No
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Outcome Nbr. 6: Estratégia de gestão de lodos aprovada

Observation:

Indicator	Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	EOP 2019
6.1	Aprovação da estratégia de gestão de lodos	Estratégia	2011	P		1.00					1.00
				P(a)		0.00	0.00	1.00			1.00
				A		0.00	0.00	0.00	0.00		

Details

Means of verification: Relatório CEDAE

Pro-Gender	No	Pro-Ethnicity	No
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Outcome Nbr. 7: Planos de saneamento municipais aprovados

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OUTCOMES

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	EOP 2019
7.1	Planos aprovados	Planos	0.00	2011	P	4.00	6.00	4.00				14.00
					P(a)	2.00	6.00	0.00	4.00	2.00		14.00
					A	6.00	2.00	0.00	0.00	0.00		
Details												
Means of verification: Relatório UEPSAM												
Pro-Gender		No	Pro-Ethnicity		No							

Outcome Nbr. 8: Projetos de captação de recursos elaborados

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	EOP 2019
8.1	Projetos elaborados	Projetos	0.00	2011	P		8.00	8.00				16.00
					P(a)		0.00	0.00	8.00	16.00		16.00
					A		0.00	0.00	0.00	0.00		
Details												
Means of verification: Relatórios municipais												
Pro-Gender		No	Pro-Ethnicity		No							

Outcome Nbr. 9: Municípios do PSAM incorporados ao Programa Nacional de Nota Fiscal

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2013	2014	2015	2016	2017	2018	EOP 2019
9.1	Municípios incorporados	Municípios	0.00	2011	P		4.00	4.00				8.00
					P(a)			0.00	5.00	8.00		8.00
					A		0.00	0.00	0.00	0.00		
Details												
Means of verification: Controle Federal de ISS												
Pro-Gender		No	Pro-Ethnicity		No							

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Obras e equipes para coleta e tratamento de esgotos

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2018	EOP 2019	2018	EOP 2019
1.1	Coletor Tronco Cidade Nova	Sistema	P		1		70,749,000
			P(a)	0	1		15,322,641.42
			A		0		12,780,893.26
1.2	Sistema Coletor com Rede de Esgoto e estação de tratamento contruído (Sistema Alcântara)	Sistema	P		1		125,698,000
			P(a)	0	1		42,222,680.13
			A		0		38,685,218.52
1.3	Sistema Baixada Fluminense contruído	Sistema	P		1		241,431,000
			P(a)	0	0	0	7,933,255.58
			A		0		7,933,255.58

Component Nbr. 2 Melhoria operacional e Desenvolvimento Institucional

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2018	EOP 2019	2018	EOP 2019
2.1	AGENERSA fortalecida	Agência	P		1		3,600,000
			P(a)	0	0	0	0
			A		0		0
2.2	INEA fortalecido	Produtos de fortalecimento	P		1		3,600,000
			P(a)	0	4	0	2,511,337.87
			A		4		2,511,337.87
2.3	CEDAE fortalecida	Companhia	P		1		5,800,000
			P(a)	0	0	0	0
			A		0		0
2.4	Estratégia de lodos elaborada	Estratégia	P		1		3,000,000
			P(a)	0	0		0
			A		0		0

Component Nbr. 3 Sustentabilidade das políticas públicas municipais de saneamento

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2018	EOP 2019	2018	EOP 2019
3.1	Planos de Saneamento municipais elaborados (água potável e esgotos)	Planos	P		14		3,276,000
			P(a)	0	7	0	805,352
			A		7		805,352
3.2	Servidores municipais capacitados para elaboração de projetos de financiamento	Pessoas	P		60		16,000,000
			P(a)	0	30	0	59,830
			A		30		59,830

Other Cost

	Compras e consultorias para a UEPSAM	P					1,335,000
		P(a)					699,353.14
		A					704,077.77
	Apoio ao Gerenciamento e Supervisão	P					52,631,000
		P(a)					25,750,795.36
		A					26,451,055.12
	Serviços de comunicação social	P					2,000,000
		P(a)					163,519.54
		A					201,038.26

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

	Outras obras a definir	P				106,871,000
		P(a)				257,930.78
		A				271,199.71
	Auditoria e Avaliação	P				1,800,000
		P(a)				332,635.49
		A				388,484.23
	Juros	P				0
		P(a)				1,854,122.73
		A				1,856,760.03
	Comissão de Crédito	P				0
		P(a)				4,079,971.19
		A				3,415,293.46
	Possível cancelamento	P				
		P(a)				530,480,253.83
		A				0

Total Cost

	Total Cost	P				637,791,000
		P(a)			0	632,473,679.06
		A				96,063,795.81

CHANGES TO THE MATRIX

No information available for this section