

PMR Operational Report

| | | | |
|-----------------------------|----------------------------------|-----------------------------------------------|----------|
| Operation Number | BR-L1492 | Chief of Operations Validation Date | 10/04/19 |
| Year- PMR Cycle | First period Jan-Jun 2019 | Division Chief Validation Date | |
| Last Update | 09/27/19 | Country Representative Validation Date | |
| PMR Validation Stage | Validated by Chief of Operations | | |

Basic Data

Operation Profile

| | | | |
|---------------------------|----------------------------------------------------------------|-----------------------------------------|------------------------------------------------|
| Operation Name | TIETÊ RIVER CLEANUP PROGRAM, STAGE IV | Loan Number | 4623/OC-BR |
| Executing Agency | COMPANHIA DE SANEAMENTO BASICO DO ESTADO DE SAO PAULO (SABESP) | Sector/Subsector | AS-SAU - WATER AND SANITATION-SANITATION URBAN |
| Team Leader | MENDEZ TORRICO, E. GUSTAVO | Overall Stage | Approved/Pending prior Legislative Approval |
| Operation Type | Loan Operation | Country | BRAZIL |
| Lending Instrument | Investment Loan | Convergence related Operation(s) | |
| Borrower | COMPANHIA DE SANEAMENTO BASICO DO ESTADO DE SAO PAULO (SABESP) | | |

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-L1492 | 300,000,000 | 300,000,000 | 200,000,000 | 0 | 500,000,000 | 300,000,000 | 0 | 0.00% | 300,000,000 |
| Aggregated | 300,000,000 | 300,000,000 | 200,000,000 | 0 | 500,000,000 | 300,000,000 | 0 | 0.00% | 300,000,000 |

Expense Categories by Loan Contract (cumulative values)

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RESULTS MATRIX

IMPACTS

No information available for this section

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RESULTS MATRIX

OUTCOMES

Outcome Nbr. 0: Tratamiento de aguas residuales por la Companhia de Saneamento Básico de São Paulo (SABESP) en la RSMP ampliado.

Observation:

| Indicator | | Unit of Measure | Baseline | Baseline Year | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | EOP 2025 |
|-----------|------------------------------------------------------------------------------------------------------------------|-----------------|----------|---------------|------|--------|--------|--------|--------|--------|--------|----------|
| 0.0 | Carga orgánica de origen doméstico (DBO5) removida de las aguas del Río Tietê, aguas arriba de la presa Pirapora | t/día | 602.00 | 2021 | P | 602.00 | 602.00 | 602.00 | 602.00 | 602.00 | 672.00 | 672.00 |
| | | | | | P(a) | | | | | | | |
| | | | | | A | | | | | | | |

Details

Means of verification: Informes de evaluación intermedia y final.

Observations: Responsable (R): SABESP

| | | | |
|------------|----|---------------|----|
| Pro-Gender | No | Pro-Ethnicity | No |
|------------|----|---------------|----|

| Indicator | Unit of Measure | Baseline | Baseline Year | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | EOP 2025 |
|-----------|---------------------------------------------------------------------------------------------------------------|----------|---------------|------|------|------|------|-------|------|-------|----------|
| 0.1 | Porcentaje de Hogares cuyas aguas residuales son tratadas (IEC) en la RMSP, en el área de actuación de SABESP | % | 84.00 | 2021 | P | | | 84.00 | | 90.00 | 90.00 |
| | | | | | P(a) | | | | | | |
| | | | | | A | | | | | | |

Details

Means of verification: Informe de evaluación intermedia y final con base en información de la Gerencia Comercial de SABESP.

Observations: Responsable (R): SABESP

| | | | |
|------------|----|---------------|----|
| Pro-Gender | No | Pro-Ethnicity | No |
|------------|----|---------------|----|

| Indicator | Unit of Measure | Baseline | Baseline Year | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | EOP 2025 |
|-----------|-----------------------------------------------------------------------------------------------------------------|----------|---------------|------|------|------|------|-------|------|-------|----------|
| 0.2 | Capacidad de tratamiento de aguas residuales en las Planta de Tratamiento de Aguas Residuales (PTAR) en la RSMP | m3/seg | 26.50 | 2021 | P | | | 26.50 | | 29.50 | 29.50 |
| | | | | | P(a) | | | | | | |
| | | | | | A | | | | | | |

Details

Means of verification: Informe de evaluación intermedia y final con base en información de la Gerencia Comercial de SABESP.

Observations: Responsable (R): SABESP

| | | | |
|------------|----|---------------|----|
| Pro-Gender | No | Pro-Ethnicity | No |
|------------|----|---------------|----|

| Indicator | Unit of Measure | Baseline | Baseline Year | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | EOP 2025 |
|-----------|---------------------------------------------------------------------------------------------|----------------|---------------|------|------|------|------|------------|------|------------|------------|
| 0.3 | Nuevos Hogares con tratamieto de sus aguas residuales en las PTAR ampliadas con el programa | Households (#) | 0.00 | 2017 | P | | | 331,556.00 | | 876,814.00 | 876,814.00 |

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OUTCOMES

| | | | | | | | | | | | | | |
|-----|---------------------------------------------------------------------------------------------|----------------|------|------|------|--|--|--|--|--|--|--|--|
| 0.3 | Nuevos Hogares con tratamieto de sus aguas residuales en las PTAR ampliadas con el programa | Households (#) | 0.00 | 2017 | P(a) | | | | | | | | |
| | | | | | A | | | | | | | | |

Details

Means of verification: Informe de evaluación intermedia y final con base en información de la Gerencia Comercial de SABESP.

Observations: Responsable (R): SABESP

| Pro-Gender | No | Pro-Ethnicity | | | | No | | | | | | | |
|------------|---------------------------------------------------------------------|---------------|--|--|------|----|--|--|--|--|--|--|--|
| | Resiliency measures included in design (# households) | | | | P | | | | | | | | |
| | | | | | P(a) | | | | | | | | |
| | | | | | A | | | | | | | | |
| | With methane capture, reduction, and/or cogeneration (# households) | | | | P | | | | | | | | |
| | | | | | P(a) | | | | | | | | |
| | | | | | A | | | | | | | | |

| Indicator | | Unit of Measure | Baseline | Baseline Year | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | EOP 2025 |
|-----------|---------------------------------------------------------------------------|-----------------|----------|---------------|------|------|------|------|------|------|------|----------|
| 0.4 | Caudal efluente de tratamiento disponible para potencial reúso industrial | m3/seg | 1.00 | 2021 | P | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 2.00 | 2.00 |
| | | | | | P(a) | | | | | | | |
| | | | | | A | | | | | | | |

Details

Means of verification: Informe de evaluación intermedia y final con base en información de la Gerencia Comercial de SABESP.

Observations: Responsable (R): SABESP

| | | | | | |
|------------|--|----|---------------|--|----|
| Pro-Gender | | No | Pro-Ethnicity | | No |
|------------|--|----|---------------|--|----|

Outcome Nbr. 1: Cobertura y atendimento del servicio de alcantarillado em el área atendida por SABESP en la RMSP ampliadas

Observation:

| Indicator | | Unit of Measure | Baseline | Baseline Year | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | EOP 2025 |
|-----------|--------------------------------------------------------------------------------|-----------------|----------|---------------|------|-------|------|------|-------|------|-------|----------|
| 1.0 | Porcentaje de hogares con conexión efectiva (IAE) al alcantarillado en la RMSP | % | 81.00 | 2017 | P | 81.00 | | | 84.00 | | 85.00 | 85.00 |
| | | | | | P(a) | | | | | | | |
| | | | | | A | | | | | | | |

Details

Means of verification: Informes de operación e informes semestrales de avance del programa.

Observations: Responsable (R): SABESP

| | | | | | |
|------------|--|----|---------------|--|----|
| Pro-Gender | | No | Pro-Ethnicity | | No |
|------------|--|----|---------------|--|----|

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OUTCOMES

| Indicator | | Unit of Measure | Baseline | Baseline Year | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | EOP 2025 |
|-----------|--------------------------------------------------------------------------------------------|-----------------|----------|---------------|------|------|------|------|------------|------|------------|------------|
| 1.1 | Hogares con nueva conexión a la red de alcantarillado en el área de actuación del programa | hogares | 0.00 | 2017 | P | 0.00 | 0.00 | 0.00 | 226,365.00 | | 406,723.00 | 406,723.00 |
| | | | | | P(a) | | | | | | | |
| | | | | | A | | | | | | | |

Details

Means of verification: Informes de operación e informes semestrales de avance del programa.

Observations: Responsable (R): SABESP

Pro-Gender No **Pro-Ethnicity** No

| Indicator | | Unit of Measure | Baseline | Baseline Year | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | EOP 2025 |
|-----------|-------------------------------------------------------------------------------------------|-----------------|----------|---------------|------|------|------|------|------------|------------|------------|------------|
| 1.2 | Nuevos Hogares con acceso a la red de alcantarillado en el área de actuación del programa | Households (#) | 0.00 | 2017 | P | 0.00 | 0.00 | 0.00 | 217,289.00 | 217,289.00 | 415,185.00 | 415,185.00 |
| | | | | | P(a) | | | | | | | |
| | | | | | A | | | | | | | |

Details

Means of verification: Informes de operación e informes semestrales de avance del programa.

Observations: Responsable (R): SABESP

Pro-Gender No **Pro-Ethnicity** No

| | | | | | | | | | | | | |
|--|---------------------------------------------------------------------|--|--|--|------|--|--|--|--|--|--|--|
| | Resiliency measures included in design (# households) | | | | P | | | | | | | |
| | | | | | P(a) | | | | | | | |
| | | | | | A | | | | | | | |
| | With methane capture, reduction, and/or cogeneration (# households) | | | | P | | | | | | | |
| | | | | | P(a) | | | | | | | |
| | | | | | A | | | | | | | |

Outcome Nbr. 2: Sostenibilidad Institucional y Operacional da SABESP mejorada.

Observation:

| Indicator | | Unit of Measure | Baseline | Baseline Year | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | EOP 2025 |
|-----------|--------------------------------------------------------------------------------------|-----------------|----------|---------------|------|------|------|------|------|------|-------|----------|
| 2.0 | Porcentaje de redes de alcantarillado inspeccionadas anualmente (km/año equivalente) | % | 6.00 | 2018 | P | | | | | | 20.00 | 20.00 |
| | | | | | P(a) | | | | | | | |
| | | | | | A | | | | | | | |

Details

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OUTCOMES

Means of verification: Informe técnico operacional estructurado por SABESP

Observations: Responsable (R): SABESP

Pro-Gender No **Pro-Ethnicity** No

| Indicator | Unit of Measure | Baseline | Baseline Year | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | EOP 2025 |
|-----------|----------------------------------------------------------------------------------------------------------------------------|-------------|---------------|------|------|------|------|------|------|------|----------|
| 2.1 | Número de tecnologías innovadoras desarrolladas por SABESP en condiciones reales en una planta de tratamiento demostrativa | tecnologías | 0.00 | 2018 | P | | | | | 1.00 | 1.00 |
| | | | | | P(a) | | | | | | |
| | | | | | A | | | | | | |

Details

Means of verification: Informe técnico preparado por la Superintendencia de Investigación, Desarrollo Tecnológico e Innovación de SABESP (TX)

Observations: Responsable (R): SABESP

Pro-Gender No **Pro-Ethnicity** No

| Indicator | Unit of Measure | Baseline | Baseline Year | | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | EOP 2025 |
|-----------|-------------------------------------------------------------------------|----------|---------------|------|------|------|------|------|------|--------|----------|
| 2.2 | Tiempo para concluir la 3ª Revisión Tarifaria Ordinaria (RTO) de SABESP | días | 472.00 | 2018 | P | | | | | 236.00 | 236.00 |
| | | | | | P(a) | | | | | | |
| | | | | | A | | | | | | |

Details

Means of verification: Informe técnico de la Superintendencia de Asuntos Regulatorios de SABESP (PR).

Observations: Responsable (R): SABESP

Pro-Gender No **Pro-Ethnicity** No

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Componente 1: Obras de Alcantarillado Sanitario

| | Output | Unit of Measure | | PHYSICAL PROGRESS | | FINANCIAL PROGRESS | |
|-----|----------------------------------------------------------|-----------------|------|-------------------|----------|--------------------|----------------|
| | | | | 2019 | EOP 2025 | 2019 | EOP 2025 |
| 1.1 | Estações de Tratamento de Esgoto (ETE) na RSMP ampliadas | Estações | P | | 3 | | 192,691,769.96 |
| | | | P(a) | | 0 | | 0 |
| | | | A | | 0 | | 0 |
| 1.2 | Coletores de esgoto construídos | km | P | 15.6 | 156 | 5,352,763.48 | 201,849,848.54 |
| | | | P(a) | | 0 | | 0 |
| | | | A | | 0 | | 0 |
| 1.3 | Redes de esgoto construídos | km | P | 20.4 | 204 | 448,236.52 | 83,458,381.5 |
| | | | P(a) | | 0 | | 0 |
| | | | A | | 0 | | 0 |

Component Nbr. 2 Componente 2: Sostenibilidad Institucional y Operacional

| | Output | Unit of Measure | | PHYSICAL PROGRESS | | FINANCIAL PROGRESS | |
|-----|-----------------------------------------------------------------------------------------------------------------------|-----------------|------|-------------------|----------|--------------------|-----------|
| | | | | 2019 | EOP 2025 | 2019 | EOP 2025 |
| 2.1 | Cursos de capacitación ejecutado | Cursos | P | | 4 | | 100,000 |
| | | | P(a) | | 0 | | 0 |
| | | | A | | 0 | | 0 |
| 2.2 | Equipos para inspección y limpieza del sistema de alcantarillado sanitario adquiridos | Equipamiento | P | | 8 | | 1,800,000 |
| | | | P(a) | | 0 | | 0 |
| | | | A | | 0 | | 0 |
| 2.3 | Centro de Mantenimiento de Equipamientos del Sistema de Alcantarillado Linear construídos | Planta | P | | 1 | | 400,000 |
| | | | P(a) | | 0 | | 0 |
| | | | A | | 0 | | 0 |
| 2.4 | Estudio de concepción de la PTAR demostrativa elaborado | Estudio | P | | 1 | 250,000 | 1,400,000 |
| | | | P(a) | | 0 | | 0 |
| | | | A | | 0 | | 0 |
| 2.5 | Eventos de capacitación tecnológica realizados | Eventos | P | | 15 | | 600,000 |
| | | | P(a) | | 0 | | 0 |
| | | | A | | 0 | | 0 |
| 2.6 | Primera fase de la PTAR demostrativa implantada | Planta | P | | 1 | | 8,700,000 |
| | | | P(a) | | 0 | | 0 |
| | | | A | | 0 | | 0 |
| 2.7 | Plan Director Regulatorio elaborado | Plan | P | | 1 | | 450,000 |
| | | | P(a) | | 0 | | 0 |
| | | | A | | 0 | | 0 |
| 2.8 | Estudio para modernización y reorganización de la estructura de la Unidad de Asuntos Regulatorios de SABESP realizado | Estudio | P | | 1 | | 100,000 |
| | | | P(a) | | 0 | | 0 |
| | | | A | | 0 | | 0 |
| 2.9 | Plan de Capacitación de los profesionales de SABESP envueltos en temas regulatorios ejecutado | Plan | P | | 1 | | 450,000 |
| | | | P(a) | | 0 | | 0 |
| | | | A | | 0 | | 0 |

Other Cost

| | | | | | | |
|--|-------------------------------------------|------|--|--|--|-----------|
| | Apoio a Gestão, Monitoramento e Avaliação | P | | | | 8,000,000 |
| | | P(a) | | | | 0 |
| | | A | | | | 0 |

Total Cost

| | | | | | | |
|--|------------|------|--|--|-----------|-------------|
| | Total Cost | P | | | 6,051,000 | 500,000,000 |
| | | P(a) | | | | 0 |
| | | A | | | | 0 |

CHANGES TO THE MATRIX

No information available for this section

PMR Operational Report

IMPLEMENTATION STATUS AND LEARNING

| Lesson Learned - Categories |
|-----------------------------|
| |