

# PMR Operational Report

|                             |                             |   |          |
|-----------------------------|-----------------------------|---|----------|
| <b>Operation Number</b>     | UR-L1005                    | <b>Chief of Operations Validation Date</b>    | 03/26/18 |
| <b>Year- PMR Cycle</b>      | Second period Jan-Dec 2017  | <b>Division Chief Validation Date</b>         | 03/27/18 |
| <b>Last Update</b>          | 03/26/18                    | <b>Country Representative Validation Date</b> | 03/28/18 |
| <b>PMR Validation Stage</b> | Validated by Representative |   |          |

## Basic Data

### Operation Profile

|                           |  |   |                           |
|---------------------------|--|---|---------------------------|
| <b>Operation Name</b>     | Montevideo Sanitation Program (PSU IV) | <b>Loan Number</b>                      | 1819/OC-UR                |
| <b>Executing Agency</b>   | INTENDENCIA MUNICIPAL DE MONTEVIDEO    | <b>Sector/Subsector</b>                 | AS - WATER AND SANITATION |
| <b>Team Leader</b>        | PAEZ RUBIO, TANIA                      | <b>Overall Stage</b>                    | Closed                    |
| <b>Operation Type</b>     | Loan Operation                         | <b>Country</b>                          | URUGUAY                   |
| <b>Lending Instrument</b> | Investment Loan                        | <b>Convergence related Operation(s)</b> | UR-L1063                  |
| <b>Borrower</b>           | REPUBLICA ORIENTAL DE URUGUAY          |   |                           |

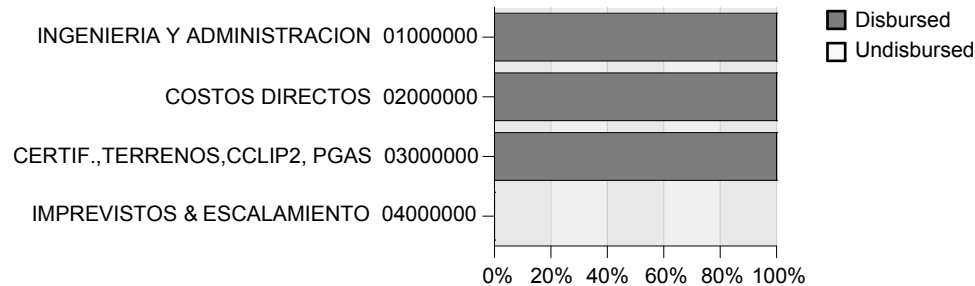
## Environmental and Social Safeguards

|   |                        |  |    |
|---|------------------------|--|----|
| <b>Impacts Category</b>                         | B(R)                   | <b>Was/Were the objective(s) of this operation reformulated?</b> | NO |
| <b>Safeguard Performance Rating</b>             | Partially Satisfactory | <b>Date of approval</b>  |    |
| <b>Safeguard Performance Rating - Rationale</b> | Partially Satisfactory |  |    |

## 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   |
| UR-L1005          | 118,600,000           | 118,600,000        | 20,900,000        | 0                      | 139,500,000         | 118,600,000            | 118,600,000           | 100.00%       | 0                    |
| UR-L1063          | 42,800,000            | 42,800,000         | 7,550,000         | 0                      | 50,350,000          | 42,800,000             | 29,759,646.36         | 69.53%        | 13,040,353.64        |
| <b>Aggregated</b> | <b>161,400,000</b>    | <b>161,400,000</b> | <b>28,450,000</b> | <b>0</b>               | <b>189,850,000</b>  | <b>161,400,000</b>     | <b>148,359,646.36</b> | <b>91.92%</b> | <b>13,040,353.64</b> |

## 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.

## PMR Operational Report

### RESULTS MATRIX

#### IMPACTS

**Impact Nbr. 1:** Mejorar las condiciones de vida de la población del departamento de Montevideo, disminuyendo la contaminación en la bahía de Montevideo y playas aledañas

**Observation:**

| Indicator  |   | Unit of Measure | Baseline | Baseline Year |      | 2019 | EOP 2016 |
|--|---|-----------------|----------|---------------|------|------|----------|
| 1.1  | Carga orgánica vertida en tiempo seco a la bahía por descargas del Sistema de Saneamiento | Ton DBO/día     | 47.00    | 2010          | P    |      | 16.00    |
|  |   |                 |          |               | P(a) |      | 16.00    |
|  |   |                 |          |               | A    |      |          |
| Details  |   |                 |          |               |      |      |          |
| Means of verification: Laboratorio de Calidad Ambiental y Unidad de Efluentes Industriales, Departamento de Desarrollo Ambiental, IM |   |                 |          |               |      |      |          |
| Pro-Gender   |   | No              |          | Pro-Ethnicity |      | No   |          |

## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

**Outcome Nbr. 2:** Cobertura de servicio de saneamiento incrementada

**Observation:**

| Indicator | Unit of Measure  | Baseline | Baseline Year |      | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | EOP 2016 |
|-----------|--|----------|---------------|------|------|------|------|------|------|------|------|------|------|------|----------|
| 2.1       | Incremento del caudal medio de aguas servidas con disposición final adecuada | m3/s     | 2.30          | 2006 | P    |      |      |      |      |      |      |      |      |      | 3.90     |
|           |  |          |               |      | P(a) |      |      |      |      |      |      |      | 3.90 |      | 3.90     |
|           |  |          |               |      | A    |      |      |      |      |      |      |      |      |      |          |

#### Details

**Means of verification:** Registros de la planta

|                   |    |                      |    |
|-------------------|----|----------------------|----|
| <b>Pro-Gender</b> | No | <b>Pro-Ethnicity</b> | No |
|-------------------|----|----------------------|----|

| Indicator | Unit of Measure                          | Baseline       | Baseline Year |      | 2010 | 2011     | 2012     | 2013      | 2014      | 2015      | 2016      | 2017   | 2018   |
|-----------|--|----------------|---------------|------|------|----------|----------|-----------|-----------|-----------|-----------|--------|--------|
| 2.2       | Hogares con conexiones sanitarias nuevas | Households (#) | 0.00          | 2010 | P    | 1,046.00 | 3,735.00 | 10,516.00 | 11,703.00 | 11,700.00 | 11,300.00 |        |        |
|           |  |                |               |      | P(a) | 1,046.00 | 3,735.00 | 10,516.00 | 11,703.00 | 1,931.00  | 1,951.00  | 976.00 | 975.00 |
|           |  |                |               |      | A    | 2,344.00 | 5,964.00 | 5,964.00  | 5,964.00  | 1,619.00  | 1,951.00  | 488.00 | 738.00 |

#### Details

**Means of verification:** numero de unidades facturadas

**Observations:** Las unidades facturadas se refieren al nuemro de conexiones registradas por la IM

|                   |    |                      |    |
|-------------------|----|----------------------|----|
| <b>Pro-Gender</b> | No | <b>Pro-Ethnicity</b> | No |
|-------------------|----|----------------------|----|

|  |                 |  |  |  |      |  |  |  |  |  |  |  |  |  |  |
|--|-----------------|--|--|--|------|--|--|--|--|--|--|--|--|--|--|
|  | Afro-descendant |  |  |  | P    |  |  |  |  |  |  |  |  |  |  |
|  |                 |  |  |  | P(a) |  |  |  |  |  |  |  |  |  |  |
|  |                 |  |  |  | A    |  |  |  |  |  |  |  |  |  |  |
|  | Indigenous      |  |  |  | P    |  |  |  |  |  |  |  |  |  |  |
|  |                 |  |  |  | P(a) |  |  |  |  |  |  |  |  |  |  |
|  |                 |  |  |  | A    |  |  |  |  |  |  |  |  |  |  |

| Indicator | Unit of Measure                       | Baseline       | Baseline Year |      | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016       | 2017 | 2018       | 2019 | EOP 2016   |
|-----------|---------------------------------------|----------------|---------------|------|------|------|------|------|------|------|------------|------|------------|------|------------|
| 2.2       | Hogares con aguas residuales tratadas | Households (#) | 0.00          | 2014 | P    |      |      |      |      |      |            |      |            |      |            |
|           |                                       |                |               |      | P(a) |      |      |      |      |      | 122,000.00 |      | 122,000.00 |      | 122,000.00 |
|           |                                       |                |               |      | A    |      |      |      |      |      | 0.00       |      |            |      |            |

#### Details

**Means of verification:** sistema de disposicion final oeste en funcionamiento

## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

**Outcome Nbr. 2:** Cobertura de servicio de saneamiento incrementada

**Observation:**

| Details   |  |                 |          |               |               |      |  |  |    |  |  |            |   |  |  |  |
|---|--|-----------------|----------|---------------|---------------|------|--|--|----|--|--|------------|---|--|--|--|
| Means of verification: Registros de la planta   |  |                 |          |               |               |      |  |  |    |  |  |            |   |  |  |  |
| Pro-Gender  |  | No              |          |               | Pro-Ethnicity |      |  |  | No |  |  |            |   |  |  |  |
| Indicator   |  | Unit of Measure | Baseline | Baseline Year |               | 2019 |  |  |    |  |  | EOP 2016   |   |  |  |  |
| 2.2   | Hogares con conexiones sanitarias nuevas | Households (#)  | 0.00     | 2010          | P             |      |  |  |    |  |  | 428,000.00 |   |  |  |  |
|   |  |                 |          |               | P(a)          |      |  |  |    |  |  | 25,757.00  |   |  |  |  |
|   |  |                 |          |               | A             |      |  |  |    |  |  |            |   |  |  |  |
| Details   |  |                 |          |               |               |      |  |  |    |  |  |            |   |  |  |  |
| Means of verification: numero de unidades facturadas  |  |                 |          |               |               |      |  |  |    |  |  |            |   |  |  |  |
| Observations: Las unidades facturadas se refieren al nuemro de conexiones registradas por la IM |  |                 |          |               |               |      |  |  |    |  |  |            |   |  |  |  |
| Pro-Gender  |  | No              |          |               | Pro-Ethnicity |      |  |  | No |  |  |            |   |  |  |  |
|   | Afro-descendant                          |                 |          |               | P             |      |  |  |    |  |  |            | P |  |  |  |
|   |  |                 |          |               | P(a)          |      |  |  |    |  |  |            |   |  |  |  |
|   |  |                 |          |               | A             |      |  |  |    |  |  |            |   |  |  |  |
|   | Indigenous                               |                 |          |               | P             |      |  |  |    |  |  |            |   |  |  |  |
|   |  |                 |          |               | P(a)          |      |  |  |    |  |  |            |   |  |  |  |
|   |  |                 |          |               | A             |      |  |  |    |  |  |            |   |  |  |  |
| Details   |  |                 |          |               |               |      |  |  |    |  |  |            |   |  |  |  |
| Means of verification: sistema de disposicion final oeste en funcionamiento                     |  |                 |          |               |               |      |  |  |    |  |  |            |   |  |  |  |

## PMR Operational Report

### RESULTS MATRIX

#### OUTCOMES

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

**Outcome Nbr. 3:** Sostenibilidad del servicio de saneamiento y drenaje pluvial incrementada

**Observation:**

| Indicator |   | Unit of Measure | Baseline | Baseline Year |      | 2010  | 2011   | 2012   | 2013   | 2014   | 2015  | 2016  | 2017  | 2018  | 2019 | EOP 2016 |
|-----------|---|-----------------|----------|---------------|------|-------|--------|--------|--------|--------|-------|-------|-------|-------|------|----------|
| 3.1       | Indice de cobertura de costos con ingresos propios. | %               | 65.00    | 2007          | P    | 85.00 | 90.00  | 95.00  | 95.00  | 95.00  | 95.00 |       |       |       |      | 95.00    |
|           |   |                 |          |               | P(a) | 85.00 | 90.00  | 95.00  | 95.00  | 125.00 | 95.00 | 95.00 | 95.00 | 95.00 |      | 95.00    |
|           |   |                 |          |               | A    | 96.10 | 116.18 | 125.30 | 147.90 | 123.98 | 95.00 |       |       |       |      |          |

#### Details

**Means of verification:** Informe de cumplimiento de compromiso de gestión (presentado por la División saneamiento)

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

## RESULTS MATRIX

## OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

## Component Nbr. 1 Obras de Alcantarillado Sanitario y Drenaje Pluvial

|     | Output  | Unit of Measure |      | PHYSICAL PROGRESS |          | FINANCIAL PROGRESS |            |
|-----|---|-----------------|------|-------------------|----------|--------------------|------------|
|     |   |                 |      | 2017              | EOP 2016 | 2017               | EOP 2016   |
| 1.1 | Sistema de redes de alcantarillado sanitario y drenaje pluvial construido | sistemas        | P    |                   | 1        |                    | 36,220,000 |
|     |   |                 | P(a) |                   | 1        |                    | 36,220,000 |
|     |   |                 | A    |                   | 1        |                    | 35,761,000 |

## Component Nbr. 2 Sistema de disposición final de líquidos cloacales Oeste

|     | Output  | Unit of Measure |      | PHYSICAL PROGRESS |          | FINANCIAL PROGRESS |               |
|-----|---|-----------------|------|-------------------|----------|--------------------|---------------|
|     |   |                 |      | 2017              | EOP 2016 | 2017               | EOP 2016      |
| 2.1 | Planta de Pretratamiento Oeste y estaciones de bombeo construidas | sistema         | P    |                   | 1        |                    | 29,213,000    |
|     |   |                 | P(a) |                   | 1        | 5,003,523.69       | 27,233,841.29 |
|     |   |                 | A    |                   | 0        | 3,243,296.38       | 15,914,093.62 |
| 2.2 | Emisario subfluvial a Punta Yeguas construido                     | emisarios       | P    |                   | 1        |                    | 34,821,000    |
|     |   |                 | P(a) | 1                 | 1        | 10,069,897.28      | 40,419,298.66 |
|     |   |                 | A    | 1                 | 1        | 7,745,173.16       | 40,330,383.82 |
| 2.3 | Tuberías de impulsión construidas                                 | Km              | P    |                   | 16       |                    | 27,121,000    |
|     |   |                 | P(a) |                   | 14.4     | 20,900.36          | 31,093,393.93 |
|     |   |                 | A    |                   | 14.4     | 41,942.81          | 31,114,436.38 |

## Component Nbr. 3 Reasentamiento de familias

|     | Output                | Unit of Measure |      | PHYSICAL PROGRESS |          | FINANCIAL PROGRESS |            |
|-----|-----------------------|-----------------|------|-------------------|----------|--------------------|------------|
|     |                       |                 |      | 2017              | EOP 2016 | 2017               | EOP 2016   |
| 3.1 | Familias reasentadas. | familias        | P    |                   | 341      |                    | 12,916,000 |
|     |                       |                 | P(a) |                   | 341      |                    | 12,916,000 |
|     |                       |                 | A    |                   | 341      |                    | 13,035,000 |

## Component Nbr. 4 Mejora de la Gestión de la División Saneamiento de la Intendencia de Montevideo

|     | Output   | Unit of Measure |      | PHYSICAL PROGRESS |          | FINANCIAL PROGRESS |              |
|-----|--|-----------------|------|-------------------|----------|--------------------|--------------|
|     |  |                 |      | 2017              | EOP 2016 | 2017               | EOP 2016     |
| 4.1 | Fondo de conexiones intra-domiciliarias implementado                                 | fondos          | P    |                   | 1        |                    | 1,730,000    |
|     |  |                 | P(a) |                   | 1        | 200,000            | 1,142,801.71 |
|     |  |                 | A    |                   | 1        | 240,162.13         | 1,012,801.71 |
| 4.2 | Plan Director de Saneamiento actualizado y consensuado                               | planes          | P    |                   | 1        |                    | 3,815,000    |
|     |  |                 | P(a) |                   | 1        | 2,087,187.86       | 3,889,236.81 |
|     |  |                 | A    |                   | 0        | 1,202,014.64       | 2,491,355.75 |
| 4.3 | Proyectos ejecutivos para las obras del segundo tramo del CLIPP elaborados           | proyectos       | P    |                   | 1        |                    | 3,000,000    |
|     |  |                 | P(a) | 1                 | 1        | 401,182.33         | 421,244.54   |
|     |  |                 | A    | 1                 | 1        | 393,853.62         | 393,853.62   |
| 4.4 | Proyectos de Mejora de la Gestión comercial de la División Saneamiento implementados | proyectos       | P    |                   | 7        |                    | 2,692,000    |
|     |  |                 | P(a) |                   | 7        | 29,394.24          | 3,016,230.76 |
|     |  |                 | A    |                   | 7        | 0                  | 3,016,230.76 |

## Other Cost

|  |                                      |      |  |  |              |               |
|--|--------------------------------------|------|--|--|--------------|---------------|
|  | Gastos Financieros y Administrativos | P    |  |  |              | 37,972,000    |
|  |                                      | P(a) |  |  | 1,729,121.58 | 46,854,256.16 |
|  |                                      | A    |  |  | 4,017,799    | 43,882,104.49 |

## Total Cost

|  |            |   |  |  |  |             |
|--|------------|---|--|--|--|-------------|
|  | Total Cost | P |  |  |  | 189,500,000 |
|--|------------|---|--|--|--|-------------|

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

|  |            |      |  |  |               |                |
|--|------------|------|--|--|---------------|----------------|
|  | Total Cost | P(a) |  |  | 19,541,207.34 | 203,206,303.86 |
|  |            | A    |  |  | 16,884,241.74 | 186,951,260.15 |

# PMR Operational Report

## CHANGES TO THE MATRIX

| Section | Name   | Type of Change | Reasons   | Entered in the System | Agreed with Executing Agency |
|---------|--|----------------|---|-----------------------|------------------------------|
| Output  | Emisario subfluvial a Punta Yeguas construido  | Modify Output  | La razón por la que no se alcanzó la ejecución del 100% del monto previsto, se debe a que no fue necesario utilizar la totalidad del rubro imprevistos que se había estimado                            | 03/14/2018            | 03/13/2018                   |
| Output  | Fondo de conexiones intra-domiciliarias implementado                                 | Modify Output  | Se alcanzó un 86% de ejecución de los costos previstos. La unidad ejecutora ajustó la planificación 2018 con información actualizada  | 03/14/2018            | 03/13/2018                   |
| Output  | Planta de Pretratamiento Oeste y estaciones de bombeo construidas                    | Modify Output  | No se alcanzó a ejecutar el monto previsto, debido a algunos atrasos generados por el pasaje de la obra a la empresa Stiler, luego que fuera rescindido el contrato con la empresa ISOLUX.              | 03/14/2018            | 03/13/2018                   |
| Output  | Plan Director de Saneamiento actualizado y consensuado                               | Modify Output  | No se alcanzó a ejecutar el 100% del monto previsto como meta, dado que la consultora trabajó en ampliaciones y adicionales de informes solicitados, lo que generó atrasos en la ejecución del contrato | 03/14/2018            | 03/13/2018                   |
| Output  | Proyectos de Mejora de la Gestión comercial de la División Saneamiento implementados | Modify Output  | No se ejecutó el monto previsto para 2017, ya que no hubo necesidad de utilizar la totalidad del contrato   | 03/14/2018            | 03/13/2018                   |
| Output  | Proyectos ejecutivos para las obras del segundo tramo del CLIPP elaborados           | Modify Output  | Se alcanzó un 93% de ejecución de los costos previstos. La unidad ejecutora ajustó la planificación 2018 con información actualizada  | 03/14/2018            | 03/13/2018                   |