



Operation Number: **EC-L1019**
Year- PMR Cycle: **Second period Jan-Dec 2013**
Last Update: **6/23/2014**
PMR Validation Stage: **Validated by Representative**

Chief of Operations validation date: **06/24/2014**
Division Chief validation date: **06/30/2014**
Country Representative validation date: **06/30/2014**

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

Operation Profile

Basic Data

| | | | |
|------------------------|--|-------------------|------------------------------------|
| Operation name: | Potable Water and Sanitation for Cuenca | Loan Number: | 1753/OC-EC |
| Executing Agency (EA): | EMPRESA PUBL.MUNICIPAL TELECOMUNIC,AGUA POTABLE,ALCANTARILLADO SANEAMIEN.CUENCA | | |
| Team Leader: | Gravel,Denis | Sector/Subsector: | AS |
| Operation Type: | Loan Operation | Overall Stage: | Closed (All the loans are closed). |
| Lending Instrument: | Investment Loan | Country: | ECUADOR |
| Borrower: | EMPRESA PUBL.MUNICIPAL TELECOMUNIC,AGUA POTABLE,ALCANTARILLADO SANEAMIEN.CUENCA Convergence related Operation(s): | | |

Total Cost and Source

| | Original IDB | Current Active IDB | Local Counterpart | Co-Financing/Country | Total operation cost - Original Estimate |
|----------|-----------------|--------------------|-------------------|----------------------|--|
| EC-L1019 | \$61,250,000.00 | \$61,250,000.00 | \$35,750,000.00 | \$0.00 | \$97,000,000.00 |

Available Funds (US\$)

| | Current IDB | Disb. Amount to Date | % Disbursed | Undisbursed Balance |
|----------|-----------------|----------------------|-------------|---------------------|
| EC-L1019 | \$61,250,000.00 | \$56,067,202.16 | 91.54% | \$5,182,797.84 |

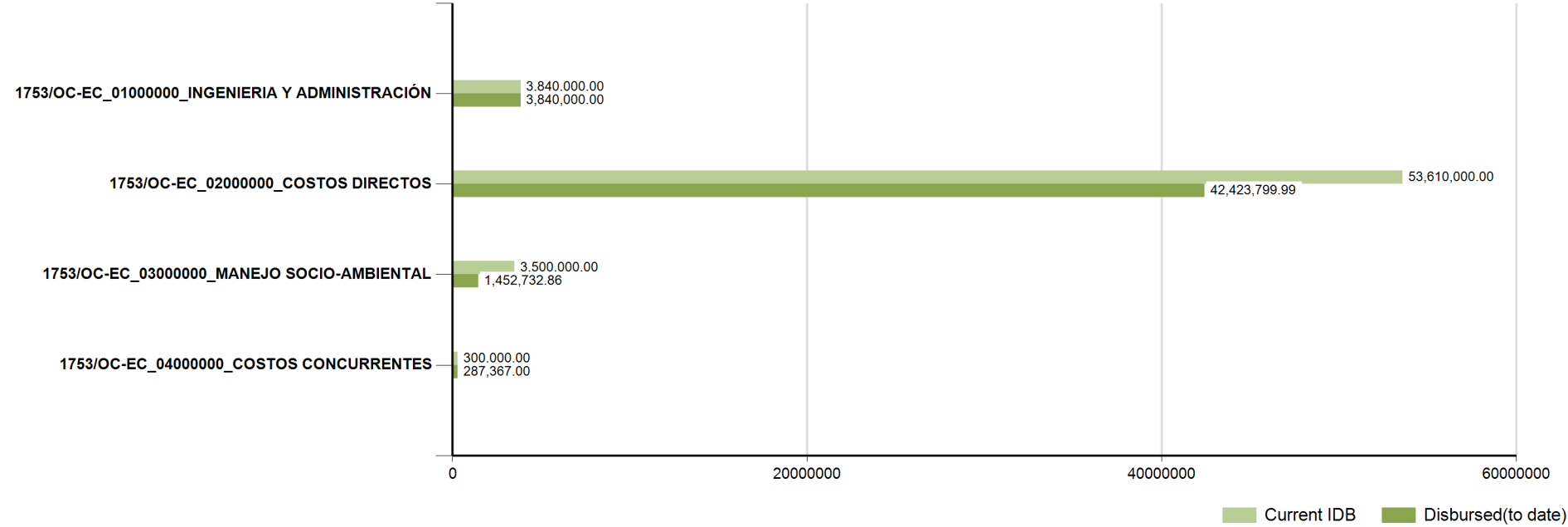
Environmental and Social Safeguards

| Main Operation | |
|---|------|
| Impacts Category: | B(R) |
| 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)



Results Matrix

Impacts


| Impact: | 1 Salud de la población periurbana mejorada | | | | | | | | |
|--|---|-----------------|----------|---------------|--|--|------|-------|-------|
| Observation: | | | | | | | | | |
| Indicators | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | 2015 | | EOP |
| 1.1 Incidencia de EDA (Enf. diarreaica aguda) y patologías transmitidas por agua y alimentos (intoxicación alimentaria, Hepatitis A), reducida desde la linea base. | | % | 16.11 | 2006 | Informe de consultoria contratada para medir este indicador | Este indicador no cuenta con información en las instancias públicas pertinentes. Por lo tanto el Ejecutor tuvo que contratar con recursos propios a un médico para que investigue en el terreno y reconstituya un valor de línea base. Por definición se trata d | P | | 12.94 |
| | | | | | | | P(a) | 12.94 | 12.94 |
| | | | | | | | A | | |
| 1.2 Mortalidad general en menores de 1 año en las parroquias atendidas por el Programa y en la parroquia de control, con tendencia descendente a partir de la linea base | | % | 4.57 | 2003 | Informe de la consultoría contratada para medir el indicador | Este indicador no cuenta con información en las instancias públicas pertinentes. Por lo tanto el Ejecutor tuvo que contratar con recursos propios a un médico para que investigue en el terreno y reconstituya un valor de línea base. Por definición se trata d | P | | 4.51 |
| | | | | | | | P(a) | 4.51 | 4.51 |
| | | | | | | | A | | |

 RF - RF Indicator  SI - Sector Indicator  CI - Country Indicator  PG - Pro-Gender  PE - Pro-Ethnicity

Outcomes


| Outcome: | 1 Demanda de agua potable y alcantarillado en la zona periurbana y rural atendida | | | | | | | | | | | | | | |
|---|---|-----------------|----------|---------------|---|--------------|------|------|------|-------|-------|-------|-------|-------|-------|
| Observation: | | | | | | | | | | | | | | | |
| Indicators | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| 1.1 Cobertura en agua potable en la zona de intervención del Programa | | % | 90.00 | 2006 | Informes de la Subgerencia de Planificación de ETAPA-EP | | P | | | 92.40 | | | | | |
| | | | | | | | P(a) | | | 92.40 | 92.80 | 93.00 | 93.00 | 93.00 | 93.00 |
| | | | | | | | A | | | 94.00 | 94.89 | 95.88 | 96.26 | | |

| EOP |
|-------|
| 93.00 |
| 93.00 |
| |
| |

| | | | | | | | | | | | | | | | | | | |
|---|--|---------|-------|------|---|---|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|--|--|--|
| 1.2 Cobertura de alcantarillado en la zona de intervención del Programa | | % | 78.00 | 2006 | Informes de la Subgerencia de Planificación de ETAPA-EP | | P | | | | 85.00 | | | | | | | |
| | P(a) | | | | | | | | | 85.00 | 87.00 | 89.00 | 89.00 | 89.00 | 89.00 | | | |
| | A | | | | | | | | | 82.00 | 83.18 | 84.27 | 86.03 | | | | | |
| 1.3 Conexiones de agua potable nuevas o mejoradas |  RF | Hogares | 0.00 | 2006 | Informes de seguimiento del Programa | Con fines de armonización con el Marco de Resultados del BID, se modificó la descripción del indicador. Cabe mencionar que ETAPA hace el seguimiento de "conexiones" porque una conexión = una factura y una cobranza. Una conexión no corresponde necesariamente | P | | | | | | | | | | | |
| | P(a) | | | | | | 5,640.00 | 5,769.00 | 2,149.00 | 6,373.00 | 5,790.00 | 2,580.00 | 0.00 | 28,301.00 | 28,301.00 | | | |
| | A | | | | | | 6,991.00 | 4,658.00 | 5,516.00 | 4,763.00 | 5,549.00 | 5,420.00 | 6,348.00 | | | | | |

| |
|-------|
| 89.00 |
| 89.00 |
| |

| |
|-----------|
| |
| 28,301.00 |
| |

| | | | | | | | | | | | | | | | | | |
|---|--|---------|------|------|--------------------------------------|---|------|----------|----------|----------|----------|----------|------------|------------|------------|--------|--|
| 1.4 Conexiones de alcantarillado nuevas y mejoradas |  RF | Hogares | 0.00 | 2006 | Informes de seguimiento del Programa | Con fines de armonización con el Marco de Resultados del BID, se modificó la descripción del indicador. Cabe mencionar que ETAPA hace el seguimiento de "conexiones" porque una conexión = una factura y una cobranza. Una conexión no corresponde necesariamente | P | | | | | | | | | | |
| | P(a) | | | | | | 0.00 | 2,430.00 | 3,574.00 | 3,145.00 | 852.00 | 1,478.00 | 0.00 | 11,479.00 | 11,479.00 | | |
| | A | | | | | | | 7,393.00 | 4,934.00 | 4,481.00 | 4,491.00 | 4,843.00 | 7,843.00 | | | | |
| 1.5 Hogares cuyas aguas residuales son tratadas | | Hogares | | 2006 | | | P | | | | | | | | 104,425.00 | 106.10 | |
| | P(a) | | | | | | | | | | | | | 104,425.00 | 106.10 | 106.10 | |
| | A | | | | | | | | | | | | 104,425.00 | | | | |

Outcome:

2 La calidad del agua de los ríos y quebradas han sido mejoradas

Observation:

| Indicators | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|--------|-----------------|----------|---------------|---|--------------|------|------|------|-------|--------|-------|-------|--------|--------|
| 2.1 Descargas directas eliminadas en los ríos Yanuncay, Machángara, Tarqui, El Chorro, Tomebamba y Milchichig | | Descargas | 0.00 | 2006 | Catastro de las descargas interceptadas, suministrado por el contratista. | | P | | | 98.00 | | | | | |
| | | | | | | | P(a) | | | 83.00 | 43.00 | | 57.00 | 260.00 | 260.00 |
| | | | | | | | A | | | 77.00 | 103.00 | 23.00 | | | |

Outcome:

3 Servicios de agua potable y saneamiento financieramente sostenibles en el largo plazo.

Observation:

| |
|-----------|
| |
| 11,479.00 |
| |

| |
|------------|
| |
| 106,102.00 |
| |

EOP

| |
|--------|
| 183.00 |
| 260.00 |
| |

| Indicators | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|----------------------|--------|-----------------|----------|---------------|-----------------------|--------------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 3.1 Margen Operativo | | % | 20.00 | 2006 | Reportes financieros | | P | | | | 20.00 | | | | |
| | | | | | | | P(a) | 19.60 | 19.60 | 17.64 | 19.60 | 21.56 | 23.52 | 23.52 | 24.00 |
| | | | | | | | A | 34.30 | 21.39 | 28.96 | 16.28 | 18.26 | 19.15 | 15.43 | |

Outcome:

4 Empresa de Telecomunicacione, Agua Potable y Alcantarillado y Saneamineto de Cuenca (ETAPA) Eficiente y sostenible.

Observation:

| Indicators | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
|---|--------|-----------------|----------|---------------|----------------------------------|--|------|------|------|------|-------|-------|-------|-------|-------|
| 4.1 Metas de desempeño de gestión empresarial cumplidas | | Metas | 0.00 | 2006 | Informes de Auditoría de Gestión | EI BID y el Ejecutor hacen un seguimiento estrecho de este tema en conformidad con lo dispuesto en el Cuadro 2 del Anexo A del Contrato de Préstamo. | P | | | | 17.00 | | | | |
| | | | | | | | P(a) | | | | 17.00 | 17.00 | 17.00 | 17.00 | 17.00 |
| | | | | | | | A | | | | 11.00 | 12.00 | 17.00 | 17.00 | |

Outputs: Annual Physical and Financial Progress

| Abastecimiento de Agua Potable. | | Physical Progress | | | Financial Progress | | |
|--|-----------------|-------------------|------|--------|--------------------|--------------|---------------|
| Outputs | Unit of Measure | 2013 | | EOP | 2013 | | EOP |
| Redes de distribución operando | KM | P | | 214.00 | P | | 13,329,000.00 |
| | | P(a) | 7.00 | 208.00 | P(a) | 819,000.00 | 8,407,000.00 |
| | | A | 0.00 | 197.00 | A | 0.00 | 7,513,000.00 |
| Conducciones operando | KM | P | | 63.00 | P | | 18,451,000.00 |
| | | P(a) | 4.00 | 69.20 | P(a) | 5,711,000.00 | 26,569,000.00 |
| | | A | 0.00 | 61.20 | A | 0.00 | 19,339,000.00 |
| Plantas de tratamiento de Yanuncay y Lodos del Tixan y el Cebollar mejoradas | Plantas | P | | 3.00 | P | | 10,325,000.00 |
| | | P(a) | 1.00 | 1.00 | P(a) | 1,271,000.00 | 10,563,000.00 |
| | | A | 0.00 | 1.00 | A | 22,000.00 | 8,963,000.00 |
| Centros de Reserva de Agua Potable operando | Centros | P | | 28.00 | P | | 3,229,000.00 |
| | | P(a) | 0.00 | 28.00 | P(a) | 0.00 | 3,650,000.00 |
| | | A | 0.00 | 27.00 | A | 0.00 | 3,650,000.00 |
| Abastecimiento de servicios de saneamiento y drenaje pluvial | | Physical Progress | | | Financial Progress | | |
| Outputs | Unit of Measure | 2013 | | EOP | 2013 | | EOP |
| Redes de alcantarillado operando | KM | P | | 66.09 | P | | 11,631,000.00 |
| | | P(a) | 4.00 | 58.09 | P(a) | 2,342,000.00 | 11,577,000.00 |
| | | A | 0.00 | 49.09 | A | 0.00 | 8,477,000.00 |
| Interceptores operando | KM | P | | 44.00 | P | | 11,308,000.00 |
| | | P(a) | 7.00 | 43.14 | P(a) | 2,305,000.00 | 12,337,000.00 |
| | | A | 0.00 | 32.14 | A | 48,000.00 | 10,637,000.00 |
| Planta de tratamiento mejorada (Ucubamba) y operando | Plantas | P | | 1.00 | P | | 8,305,000.00 |
| | | P(a) | | 1.00 | P(a) | | 9,599,000.00 |
| | | A | 0.00 | 1.00 | A | 135,000.00 | 9,599,000.00 |
| Fortalecimiento Empresarial | | Physical Progress | | | Financial Progress | | |
| Outputs | Unit of Measure | 2013 | | EOP | 2013 | | EOP |
| Consultorias de Optimización empresarial, Subsidios, Tarifas, Valuación de Activos implementadas | Consultorias | P | | 4.00 | P | | 2,331,000.00 |
| | | P(a) | 3.00 | 4.00 | P(a) | 270,000.00 | 1,401,000.00 |
| | | A | 0.00 | 4.00 | A | 0.00 | 1,281,000.00 |
| Programas de Reducción de Agua no Contabilizada y Operación y Mantenimiento implementados | Programas | P | | 2.00 | P | | 1,949,000.00 |
| | | P(a) | 1.00 | 1.00 | P(a) | 220,000.00 | 769,000.00 |
| | | A | 0.00 | 0.00 | A | 30,000.00 | 676,000.00 |
| Plan de manejo SocioAmbiental | | Physical Progress | | | Financial Progress | | |
| Outputs | Unit of Measure | 2013 | | EOP | 2013 | | EOP |
| Auditorias de Monitoreo Ambiental completadas | Auditorias | P | | 15.00 | P | | 1,179,000.00 |
| | | P(a) | 2.00 | 6.00 | P(a) | 40,000.00 | 291,000.00 |
| | | A | 0.00 | 3.00 | A | 0.00 | 238,000.00 |
| Plan de Gestión de Riesgos aprobado | Planes | P | | 1.00 | P | | 575,000.00 |
| | | P(a) | | 1.00 | P(a) | | 609,000.00 |
| | | A | 0.00 | 1.00 | A | 0.00 | 609,000.00 |
| Programa de Protección de fuentes y Cursos Naturales implementado | Programas | P | | 1.00 | P | | 1,720,000.00 |
| | | P(a) | 1.00 | 1.00 | P(a) | 135,000.00 | 1,551,000.00 |
| | | A | 0.00 | 0.00 | A | 48,000.00 | 1,478,000.00 |
| Seguimiento/ Evaluación y Administración y Costos Financieros | | Physical Progress | | | Financial Progress | | |
| Outputs | Unit of Measure | 2013 | | EOP | 2013 | | EOP |

| | | | | | | | |
|---|--------------|------|------|-------|------|------------|------------|
| Misiones de Administración / Evaluaciones del Programa concluidas (Evaluaciones paso a la segunda y tercera etapa del Programa) | Evaluaciones | P | | 4.00 | P | | 0.00 |
| | | P(a) | 1.00 | 6.00 | P(a) | 0.00 | 0.00 |
| | | A | 0.00 | 5.00 | A | 0.00 | 0.00 |
| Auditorías Anuales (Financieras y de Gestión) realizadas | Auditorías | P | | 10.00 | P | | 674,000.00 |
| | | P(a) | 1.00 | 12.00 | P(a) | 70,000.00 | 922,000.00 |
| | | A | 0.00 | 10.00 | A | 145,000.00 | 745,000.00 |

| Other Cost | | | 2013 | Cost |
|---|------|--|-----------------|------------------|
| Ingeniería & Administración, Costos financieros | P | | | \$19,760,000.00 |
| | P(a) | | \$4,500,000.00 | \$25,203,000.00 |
| | A | | \$4,903,000.00 | \$20,703,000.00 |
| Total Cost | | | 2013 | Total Cost |
| | P | | | \$104,766,000.00 |
| | P(a) | | \$17,683,000.00 | \$93,908,000.00 |
| | A | | \$5,331,000.00 | \$93,908,000.00 |

Changes to the Matrix

No information related to this operation.

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.