PA Metro Water and Sanitation Improvement Project (P119694)

LATIN AMERICA AND CARIBBEAN | Panama | Water Global Practice | IBRD/IDA | Specific Investment Loan | FY 2010 | Seq No: 15 | ARCHIVED on 29-Jun-2017 | ISR28857 |

Implementing Agencies: Ministry of Economy and Finance, IDAAN - Instituto de Acueductos y Alcantarillados Nacionales

Key Dates

Key Project Dates

<table>
<thead>
<tr>
<th>Bank Approval Date</th>
<th>Effectiveness Date</th>
<th>Planned Mid Term Review Date</th>
<th>Actual Mid-Term Review Date</th>
<th>Original Closing Date</th>
<th>Revised Closing Date</th>
</tr>
</thead>
</table>

Project Development Objectives

Project Development Objective (from Project Appraisal Document)
The PDO is to assist the Republic of Panamá in increasing the quality, coverage and efficiency of its water supply and sanitation services in the lower-income neighborhoods of selected areas of the Panamá Metropolitan Region.

Has the Project Development Objective been changed since Board Approval of the Project Objective? No

Components

<table>
<thead>
<tr>
<th>Name</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component 1: Water Supply and Sanitation Service Improvements in Lower Income Neighborhoods</td>
<td>$8.92 M</td>
</tr>
<tr>
<td>Component 2: Modernization of Water Supply and Sanitation System in IDAAN's Colon Business Unit</td>
<td>$11.31 M</td>
</tr>
<tr>
<td>Component 3: Institutional Strengthening and Project Management</td>
<td>$4.77 M</td>
</tr>
</tbody>
</table>

Overall Ratings

<table>
<thead>
<tr>
<th>Name</th>
<th>Previous Rating</th>
<th>Current Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Progress towards achievement of PDO</td>
<td>Moderately Unsatisfactory</td>
<td>Moderately Unsatisfactory</td>
</tr>
<tr>
<td>Overall Implementation Progress (IP)</td>
<td>Moderately Unsatisfactory</td>
<td>Moderately Unsatisfactory</td>
</tr>
<tr>
<td>Overall Risk Rating</td>
<td>Moderate</td>
<td>Substantial</td>
</tr>
</tbody>
</table>

Implementation Status and Key Decisions
This ISR covers the period from April to June 2017. This is the final ISR of the Project that closes on June 30, 2017. The implementation of the Component 1 faces serious difficulties that will likely remain until the end of the Project. This situation has been due to the contractual issues. The implementation of Component 2 has been implemented in a satisfactory manner in spite of a very challenging socio-economic context in Colon. The performance-based contract to improve the water supply services Colon has achieved solid results in terms of water supply service quality. The pace of execution of the main contract of Component 3 for the geo-referenced cadastral update of IDAAN's commercial database remains below initial targets.
Risks

Systematic Operations Risk-rating Tool

<table>
<thead>
<tr>
<th>Risk Category</th>
<th>Rating at Approval</th>
<th>Previous Rating</th>
<th>Current Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Political and Governance</td>
<td>--</td>
<td>Moderate</td>
<td>Substantial</td>
</tr>
<tr>
<td>Macroeconomic</td>
<td>--</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>Sector Strategies and Policies</td>
<td>--</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>Technical Design of Project or Program</td>
<td>--</td>
<td>Low</td>
<td>Substantial</td>
</tr>
<tr>
<td>Institutional Capacity for Implementation and Sustainability</td>
<td>--</td>
<td>Substantial</td>
<td>Substantial</td>
</tr>
<tr>
<td>Fiduciary</td>
<td>--</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>Environment and Social</td>
<td>--</td>
<td>Substantial</td>
<td>Substantial</td>
</tr>
<tr>
<td>Stakeholders</td>
<td>--</td>
<td>Moderate</td>
<td>Moderate</td>
</tr>
<tr>
<td>Other</td>
<td>--</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Overall</td>
<td>--</td>
<td>Moderate</td>
<td>Substantial</td>
</tr>
</tbody>
</table>

Results

Project Development Objective Indicators

► Number of people in urban areas provided with access to Improved Water Sources under the project (Number, Custom)

<table>
<thead>
<tr>
<th>Baseline Value</th>
<th>Actual (Previous) Value</th>
<th>Actual (Current) Value</th>
<th>End Target Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>383,000.00</td>
<td>559,000.00</td>
<td>559,000.00</td>
<td>462,750.00</td>
</tr>
<tr>
<td>Date</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

► Number of people in urban areas provided with access to Improved Sanitation under the project (Number, Custom)

<table>
<thead>
<tr>
<th>Baseline Value</th>
<th>Actual (Previous) Value</th>
<th>Actual (Current) Value</th>
<th>End Target Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>29,373.00</td>
<td>29,373.00</td>
<td>29,373.00</td>
<td>32,123.00</td>
</tr>
<tr>
<td>Date</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Revenue collection over total population in the project area. ($/hab.) (Number, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>13.00</td>
<td>16.60</td>
<td>22.00</td>
<td>24.00</td>
</tr>
</tbody>
</table>

**Overall Comments**

### Intermediate Results Indicators

#### New piped household water connections that are resulting from the project intervention (Number, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>1,877.00</td>
<td>2,115.00</td>
<td>4,000.00</td>
</tr>
</tbody>
</table>

#### Piped household water connections that are benefiting from rehabilitation works undertaken by the project (Number, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>11,000.00</td>
<td>12,500.00</td>
<td>10,500.00</td>
</tr>
</tbody>
</table>
### New household sewer connections constructed under the project (Number, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>96.00</td>
<td>0.00</td>
<td>450.00</td>
</tr>
</tbody>
</table>

### # of sewer connections affected by rehabilitation works undertaken under the project (Number, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>50.00</td>
</tr>
</tbody>
</table>

### Water produced per connection in Colon (gls/conn/d) (Number, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>1,738.00</td>
<td>1,766.00</td>
<td>1,698.00</td>
<td>1,090.00</td>
</tr>
</tbody>
</table>

### Continuity of water supply in Colon (Percentage, Custom)

<table>
<thead>
<tr>
<th></th>
<th>Baseline</th>
<th>Actual (Previous)</th>
<th>Actual (Current)</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>13.00</td>
<td>67.00</td>
<td>71.00</td>
<td>98.00</td>
</tr>
</tbody>
</table>
Overall Comments
During the previous ISR, 96 new sewerage connections were reported in the Results Framework. However since those sewerage connections are not connected to a sewerage system, it was decided not to report them.

Data on Financial Performance

Disbursements (by loan)

<table>
<thead>
<tr>
<th>Project</th>
<th>Loan/Credit/TF</th>
<th>Status</th>
<th>Currency</th>
<th>Original</th>
<th>Revised</th>
<th>Cancelled</th>
<th>Disbursed</th>
<th>Undisbursed</th>
<th>Disbursed</th>
</tr>
</thead>
<tbody>
<tr>
<td>P119694</td>
<td>IBRD-78770</td>
<td>Effective</td>
<td>USD</td>
<td>40.00</td>
<td>25.00</td>
<td>15.00</td>
<td>21.81</td>
<td>3.19</td>
<td>87%</td>
</tr>
</tbody>
</table>

Key Dates (by loan)
<table>
<thead>
<tr>
<th>Project</th>
<th>Loan/Credit/TF</th>
<th>Status</th>
<th>Approval Date</th>
<th>Signing Date</th>
<th>Effectiveness Date</th>
<th>Orig. Closing Date</th>
<th>Rev. Closing Date</th>
</tr>
</thead>
</table>

**Cumulative Disbursements**

![Graph showing cumulative disbursements over time]

**Restructuring History**

Level 1 Approved on 08-May-2012, Level 2 Approved on 29-Sep-2015, Level 2 Approved on 15-Nov-2016

**Related Project(s)**

There are no related projects.