



Operation Number: **HA-L1044**  
Year- PMR Cycle: **First period Jan-Jun 2016**  
Last Update: **9/30/2016**  
PMR Validation Stage: **Validated by Chief of Operations**

Chief of Operations validation date: **10/17/2016**  
Division Chief validation date:  
Country Representative validation date:

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

## Operation Profile

### Basic Data

|                        |  |                                   |   |
|------------------------|--|-----------------------------------|---|
| Operation name:        | Port-au-Prince Water and Sanitation Project                          | Loan Number:                      | 2351/GR-HA  |
| Executing Agency (EA): | MINISTERE DE TRAVAUX PUBLICS, TRANSPORTS , ENERGIE ET COMMUNICATIONS |                                   |   |
| Team Leader:           | Matthieussent Romain,Sarah C.  | Sector/Subsector:                 | AS  |
| Operation Type:        | Loan Operation   | Overall Stage:                    | Disbursing (From eligibility until all the Operations are closed) |
| Lending Instrument:    | Investment Loan  | Country:                          | HAITI   |
| Borrower:              | REPUBLIQUE D' HAITI  | Convergence related Operation(s): | HA-X1021  |

### Total Cost and Source

|            | Original IDB    | Current Active IDB | Local Counterpart | Co-Financing/Country | Total operation cost - Original Estimate |
|------------|-----------------|--------------------|-------------------|----------------------|--|
| Aggregated | \$50,000,000.00 | \$50,000,000.00    | \$0.00            |                      | \$50,000,000.00                          |
| HA-L1044   | \$15,000,000.00 | \$15,000,000.00    | \$0.00            |                      | \$15,000,000.00                          |
| HA-X1021   | \$35,000,000.00 | \$35,000,000.00    | \$0.00            |                      | \$35,000,000.00                          |

### Available Funds (US\$)

|            | Current IDB     | Disb. Amount to Date | % Disbursed | Undisbursed Balance |
|------------|-----------------|----------------------|-------------|---------------------|
| Aggregated | \$50000000.00   | 48069168.53          | 96.14%      | \$1930831.47        |
| HA-L1044   | \$15,000,000.00 | \$14,865,075.67      | 99.10%      | \$134,924.33        |
| HA-X1021   | \$35,000,000.00 | \$33,204,092.86      | \$0.95      | \$1,795,907.14      |

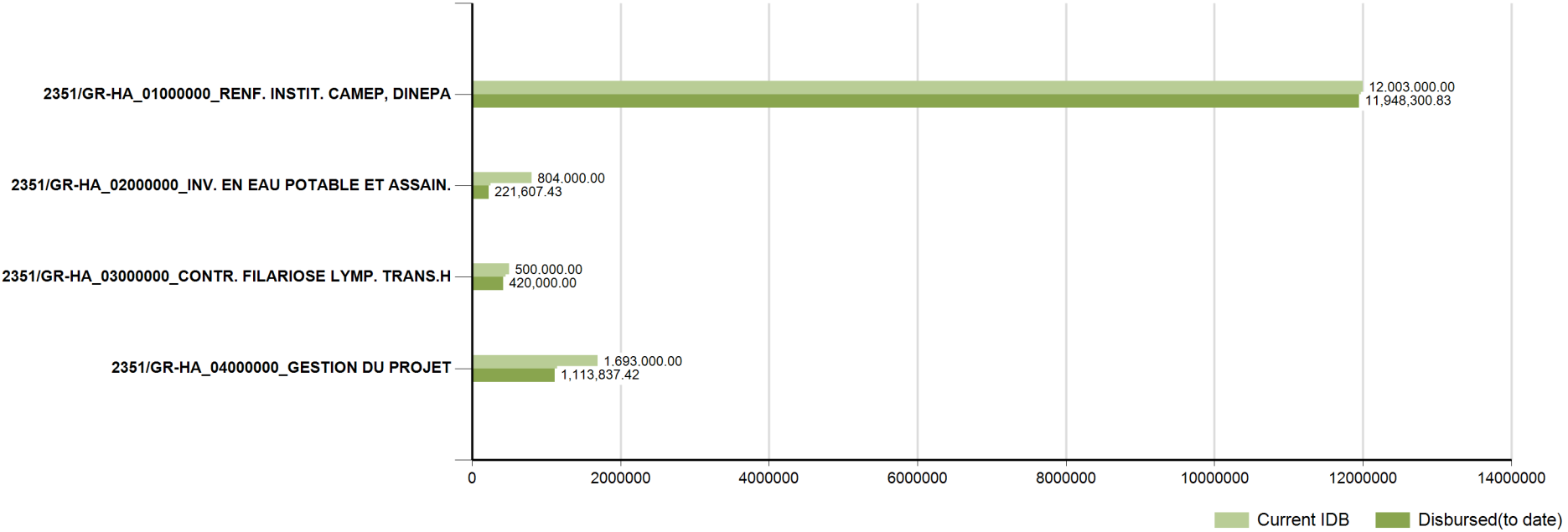
### Environmental and Social Safeguards

|   |                        |
|---|------------------------|
| Main Operation                            |                        |
| Impacts Category:                         | B                      |
| Safeguard Performance Rating:             | Partially Satisfactory |
| Safeguard Performance Rating - Rationale: |                        |

### Reformulation Information

|   | Main Operation | Oper. HA-X1021 |
|---|----------------|----------------|
| Was/Were the objective(s) of this operation reformulated? | NO             | NO             |
| Date of approval:   |                |                |

Expense Categories by Loan Contract (cumulative values)



## Results Matrix

## Impacts

No information related to this operation.

## Outcomes

|  |  |                               |          |               |   |              |       |       |           |          |          |          |       |           |  |
|--|--|-------------------------------|----------|---------------|---|--------------|-------|-------|-----------|----------|----------|----------|-------|-----------|--|
| Outcome:   | 1 Financial performance of the operator improved |                               |          |               |   |              |       |       |           |          |          |          |       |           |  |
| Observation:   |  |                               |          |               |   |              |       |       |           |          |          |          |       |           |  |
| Indicators   | Flags*   | Unit of Measure               | Baseline | Baseline Year | Means of verification                                   | Observations | 2011  | 2012  | 2013      | 2014     | 2015     | 2016     | 2017  | EOP       |  |
| 1.1 Total annual operational revenues/Total annual operating costs             |  | ratio                         | 0.00     | 2010          | Audited financial statements of CAMEP                   |              | P     | 0.20  | 0.70      |          |          |          |       | 1.00      |  |
|  | P(a)   |                               |          |               |   |              | 0.20  | 0.70  |           |          |          | 1.00     |       |           |  |
|  | A  |                               |          |               |   |              | 0.61  | 0.80  | 0.71      |          |          |          |       |           |  |
| 1.2 Households with regularized individual water connections in Port-au-Prince |  | Households                    | 0.00     | 2010          | Tableau de bord mensuel du CTE                          |              | P     |       |           | 7,000.00 | 5,000.00 | 2,000.00 |       | 14,000.00 |  |
|  | P(a)   |                               |          |               |   |              |       |       | 7,000.00  | 5,000.00 | 2,000.00 | 1,250.00 | 0.00  | 18,461.00 |  |
|  | A  |                               |          |               |   |              |       |       | 11,461.00 | 3,480.00 | 731.00   | 1,611.00 |       |           |  |
| Outcome:   | 2 Revenue collection of the operator improved    |                               |          |               |   |              |       |       |           |          |          |          |       |           |  |
| Observation:   |  |                               |          |               |   |              |       |       |           |          |          |          |       |           |  |
| Indicators   | Flags*   | Unit of Measure               | Baseline | Baseline Year | Means of verification                                   | Observations | 2011  | 2012  | 2013      | 2014     | 2015     | 2016     | 2017  | EOP       |  |
| 2.1 Collection rate (percentage of people paying their water bills)            |  | percentage                    | 42.00    | 2010          | External audit report of CAMEP and financial statements |              | P     | 45.00 | 60.00     |          |          |          |       | 70.00     |  |
|  | P(a)   |                               |          |               |   |              | 45.00 | 60.00 |           |          |          | 0.00     | 70.00 |           |  |
|  | A  |                               |          |               |   |              | 70.00 | 73.00 | 0.65      |          |          |          |       |           |  |
| Outcome:   | 3 Labor costs decreased                          |                               |          |               |   |              |       |       |           |          |          |          |       |           |  |
| Observation:   |  |                               |          |               |   |              |       |       |           |          |          |          |       |           |  |
| Indicators   | Flags*   | Unit of Measure               | Baseline | Baseline Year | Means of verification                                   | Observations | 2011  | 2012  | 2013      | 2014     | 2015     | 2016     | 2017  | EOP       |  |
| 3.1 Personnel costs as a percentage of annual operational costs                |  | Percentage                    | 50.00    | 2010          | External audit report of CAMEP                          |              | P     | 50.00 | 50.00     |          |          |          |       | 30.00     |  |
|  | P(a)   |                               |          |               |   |              | 50.00 | 50.00 |           |          |          |          | 30.00 |           |  |
|  | A  |                               |          |               |   |              | 48.00 | 44.00 | 45.00     |          |          |          |       |           |  |
| 3.2 Staff per thousand connections   |  | Employees / 1,000 connections | 21.00    | 2010          | External audit report of CAMEP                          |              | P     | 21.00 | 20.00     |          |          |          |       | 10.00     |  |
|  | P(a)   |                               |          |               |   |              | 21.00 | 20.00 |           | 11.50    | 11.00    | 10.00    | 10.00 | 10.00     |  |
|  | A  |                               |          |               |   |              | 19.60 | 15.74 | 12.90     | 12.04    | 11.27    | 10.72    |       |           |  |
| Outcome:   | 4 Quality of water service improved              |                               |          |               |   |              |       |       |           |          |          |          |       |           |  |
| Observation:   |  |                               |          |               |   |              |       |       |           |          |          |          |       |           |  |

| Indicators  |  | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification  | Observations | 2011 | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | EOP       |           |      |
|---|--|--------|-----------------|----------|---------------|--|--------------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|
| 4.1 Existing households with continuous access to quality water |  |        | households      | 0.00     | 2010          | Evaluation of quality and continuity of service to existing registered users from CAMEP (survey of HH) |              | P    | 30,000.00 | 30,000.00 |           |           |           |           | 30,000.00 |           |      |
|   |  |        |                 |          |               |  |              | P(a) | 30,000.00 | 30,000.00 |           | 48,000.00 | 49,000.00 | 49,394.00 | 49,394.00 | 50,000.00 |      |
|   |  |        |                 |          |               |  |              | A    | 2,000.00  | 35,000.00 | 42,794.00 | 45,480.00 | 45,884.00 | 47,365.00 |           |           |      |
|   |  |        |                 |          |               |  |              |      |           |           |           |           |           |           |           |           |      |
| Outcome:  | 5 Sanitation solutions implemented           |        |                 |          |               |  |              |      |           |           |           |           |           |           |           |           |      |
| Observation:  |  |        |                 |          |               |  |              |      |           |           |           |           |           |           |           |           |      |
| Indicators  |  | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification  | Observations | 2011 | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | EOP       |           |      |
| 5.1 New households using hygienic sanitation facilities         |  |        | Households      | 0.00     | 2010          | Household surveys of sanitary block usage  |              | P    | 0.00      |           |           |           |           |           | 0.00      |           |      |
|   |  |        |                 |          |               |  |              | P(a) | 0.00      |           |           | 0.00      | 0.00      | 0.00      | 0.00      | 0.00      | 0.00 |
|   |  |        |                 |          |               |  |              | A    |           |           | 0.00      | 0.00      | 0.00      | 0.00      |           |           |      |
|   |  |        |                 |          |               |  |              |      |           |           |           |           |           |           |           |           |      |
| Outcome:  | 6 Geo-helminths in Port-au-Prince controlled |        |                 |          |               |  |              |      |           |           |           |           |           |           |           |           |      |
| Observation:  |  |        |                 |          |               |  |              |      |           |           |           |           |           |           |           |           |      |
| Indicators  |  | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification  | Observations | 2011 | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | EOP       |           |      |
| 6.1 Prevalence of the Geo-helminths in Port-au-Prince           |  |        | %               | 25.00    | 2010          | Annual report of the Ministry of Public Health/Special survey provided by SPH division                 |              | P    | 25.00     | 25.00     |           |           |           |           | 10.00     |           |      |
|   |  |        |                 |          |               |  |              | P(a) | 25.00     | 25.00     |           |           |           |           | 0.00      | 10.00     |      |
|   |  |        |                 |          |               |  |              | A    | 25.00     |           | 8.00      |           |           |           |           |           |      |
|   |  |        |                 |          |               |  |              |      |           |           |           |           |           |           |           |           |      |

 RF - Contribution
  RF - Alignment
  RF - Strategic Alignment
  RF - Strategic Alignment during Execution

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



| Institutional Strengthening of CAMEP and DINEPA  |                   | Physical Progress |          |            | Financial Progress |              |               |
|--|-------------------|-------------------|----------|------------|--------------------|--------------|---------------|
| Outputs  | Unit of Measure   | 2016              |          | EOP        | 2016               |              | EOP           |
| Administration system operating according to standards specified in guidelines.manuals | system            | P                 |          | 0.00       | P                  |              | 3,879,000.00  |
|  |                   | P(a)              | 0.00     | 1.00       | P(a)               | 40,476.00    | 3,937,200.00  |
|  |                   | A                 | 0.00     | 1.00       | A                  | 15,052.00    | 3,911,776.00  |
| Commercial system operating according to standards specified in guidelines/manuals     | system            | P                 |          | 0.00       | P                  |              | 4,490,000.00  |
|  |                   | P(a)              | 0.00     | 1.00       | P(a)               | 1,178,582.00 | 3,263,529.00  |
|  |                   | A                 | 0.00     | 1.00       | A                  | 442,790.00   | 2,527,737.00  |
| Master plans successfully developed  | Master plans      | P                 |          | 2.00       | P                  |              | 3,700,000.00  |
|  |                   | P(a)              | 0.00     | 2.00       | P(a)               | 0.00         | 2,342,480.00  |
|  |                   | A                 | 0.00     | 2.00       | A                  | 0.00         | 2,342,480.00  |
| Formal training and transfer of knowledge of CAMEP staff completed                     | Hours             | P                 |          | 22,292.00  | P                  |              | 1,100,000.00  |
|  |                   | P(a)              | 0.00     | 28,800.00  | P(a)               | 0.00         | 2,553,000.00  |
|  |                   | A                 | 0.00     | 28,800.00  | A                  | 0.00         | 2,553,000.00  |
| Accounting system operating according to standards specified in guidelines/manuals     | system            | P                 |          | 0.00       | P                  |              | 2,550,000.00  |
|  |                   | P(a)              | 0.00     | 1.00       | P(a)               | 0.00         | 1,731,722.00  |
|  |                   | A                 | 0.00     | 1.00       | A                  | 0.00         | 1,731,722.00  |
| System with Operation and Maintenance performed  | system            | P                 |          | 5.00       | P                  |              | 6,999,531.00  |
|  |                   | P(a)              | 0.00     | 5.00       | P(a)               | 0.00         | 5,750,381.00  |
|  |                   | A                 | 0.00     | 5.00       | A                  | 0.00         | 5,750,381.00  |
| Potable water and sanitation investments   |                   | Physical Progress |          |            | Financial Progress |              |               |
| Outputs  | Unit of Measure   | 2016              |          | EOP        | 2016               |              | EOP           |
| Wells and sources rehabilitated  | Wells and sources | P                 |          | 21.00      | P                  |              | 3,049,785.00  |
|  |                   | P(a)              | 5.00     | 29.00      | P(a)               | 5,394,106.00 | 9,131,246.00  |
|  |                   | A                 | 3.00     | 27.00      | A                  | 411,588.00   | 4,148,728.00  |
| Water kiosks operating   | water kiosks      | P                 |          | 200.00     | P                  |              | 2,180,000.00  |
|  |                   | P(a)              | 0.00     | 61.00      | P(a)               | 116,779.00   | 1,494,052.00  |
|  |                   | A                 | 0.00     | 61.00      | A                  | 0.00         | 1,377,273.00  |
| Households with new individual water connections installed in Port-au-Prince           | Households (#)    | P                 |          | 2,622.00   | P                  |              | 16,650,000.00 |
|  |                   | P(a)              | 500.00   | 5,706.00   | P(a)               | 4,920,123.00 | 10,288,622.00 |
|  |                   | A                 | 1,948.00 | 7,154.00   | A                  | 1,099,025.00 | 6,467,524.00  |
| Households with sanitation solutions installed   | Households (#)    | P                 |          | 6.00       | P                  |              | 250,000.00    |
|  |                   | P(a)              | 0.00     | 0.00       | P(a)               | 0.00         | 0.00          |
|  |                   | A                 |          | 0.00       | A                  |              | 0.00          |
| Macro meters installed   | Macro meters      | P                 |          | 78.00      | P                  |              | 250,030.00    |
|  |                   | P(a)              | 12.00    | 46.00      | P(a)               | 0.00         | 577,970.00    |
|  |                   | A                 | 0.00     | 34.00      | A                  | 0.00         | 577,970.00    |
| Water leaks repaired   | Water leaks       | P                 |          | 1,620.00   | P                  |              | 5,650,000.00  |
|  |                   | P(a)              | 30.00    | 1,670.00   | P(a)               | 0.00         | 1,537,232.00  |
|  |                   | A                 | 0.00     | 1,640.00   | A                  | 0.00         | 1,537,232.00  |
| Households with new individual water connections installed in Ouanaminthe              | Households (#)    | P                 |          | 1,768.00   | P                  |              | 7,011,106.00  |
|  |                   | P(a)              | 227.00   | 1,768.00   | P(a)               | 886,381.00   | 5,127,350.00  |
|  |                   | A                 | 0.00     | 1,541.00   | A                  | 213,579.00   | 4,454,548.00  |
| Control of soil transmitted helminthes   |                   | Physical Progress |          |            | Financial Progress |              |               |
| Outputs  | Unit of Measure   | 2016              |          | EOP        | 2016               |              | EOP           |
| Dietilcarbamacine and Albendazol distributed   | Dosages           | P                 |          | 200,000.00 | P                  |              | 560,000.00    |
|  |                   | P(a)              | 0.00     | 282,700.00 | P(a)               | 80,000.00    | 500,000.00    |
|  |                   | A                 | 0.00     | 282,700.00 | A                  | 0.00         | 420,000.00    |
| Other  |                   |                   |          |            |                    |              |               |

| Other Cost                      |      | 2016            | Cost            |
|---------------------------------|------|-----------------|-----------------|
| Project administration expenses | P    |                 | \$3,399,796.00  |
|                                 | P(a) | \$50,000.00     | \$1,765,216.00  |
|                                 | A    | \$164,119.00    | \$1,879,335.00  |
| Total Cost                      |      | 2016            | Total Cost      |
|                                 | P    |                 | \$61,719,248.00 |
|                                 | P(a) | \$12,666,447.00 | \$50,000,000.00 |
|                                 | A    | \$2,346,153.00  | \$39,679,706.00 |

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.