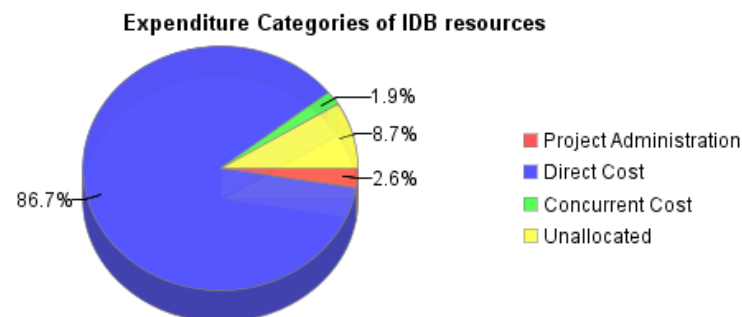
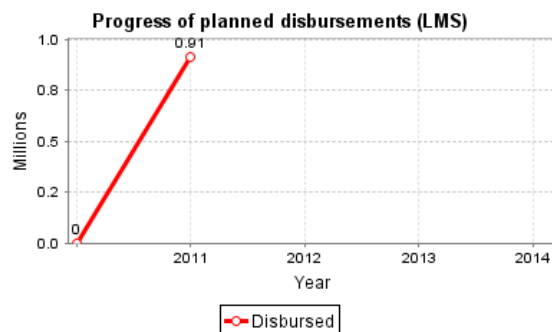
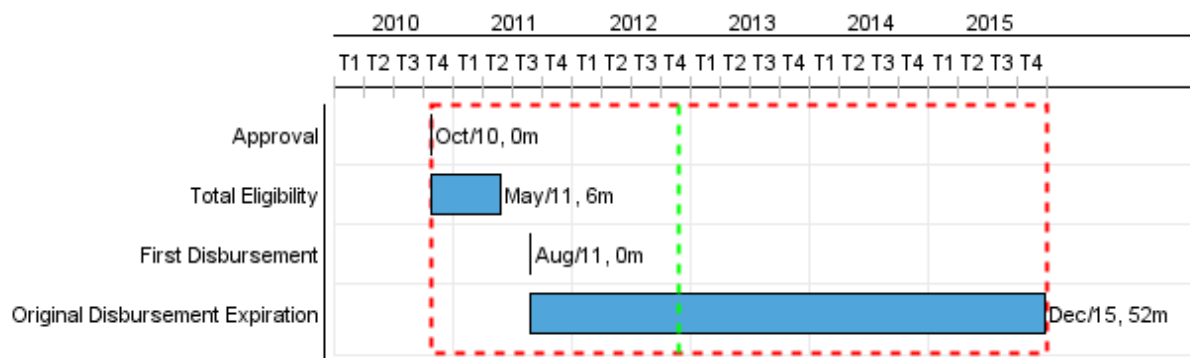


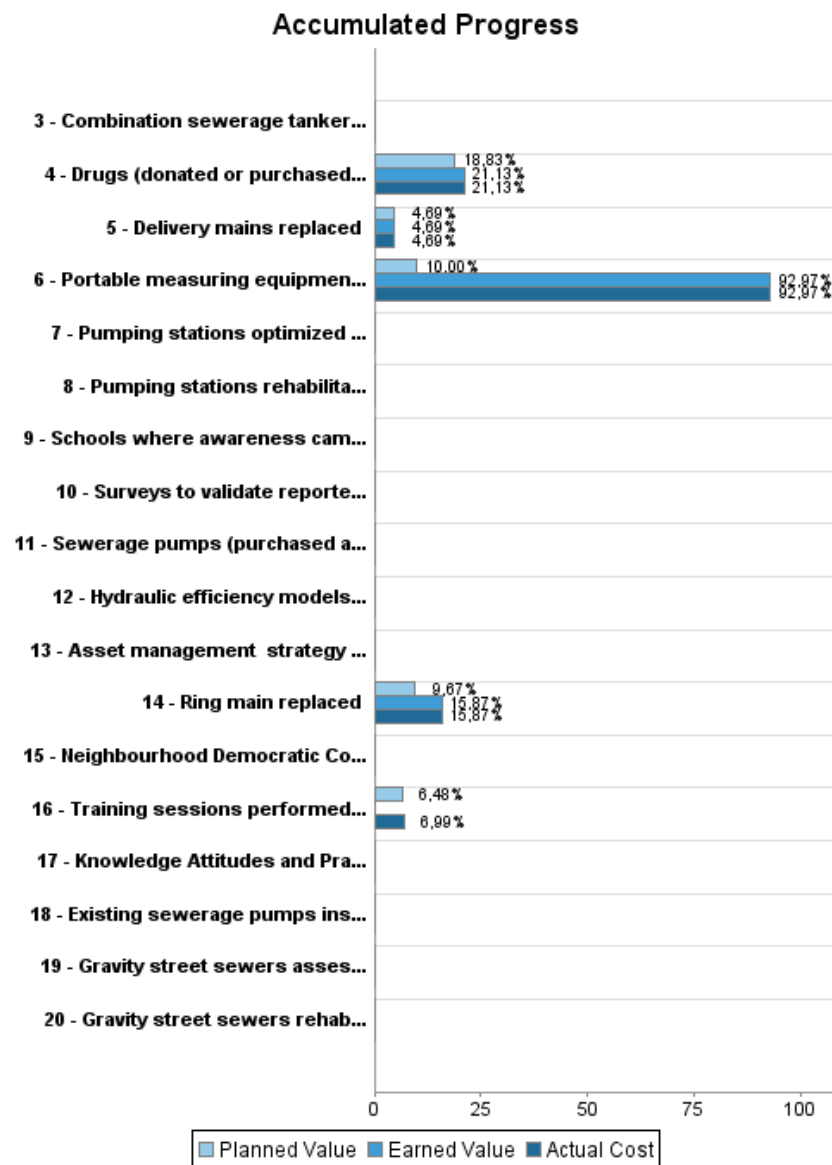
## Summary Report

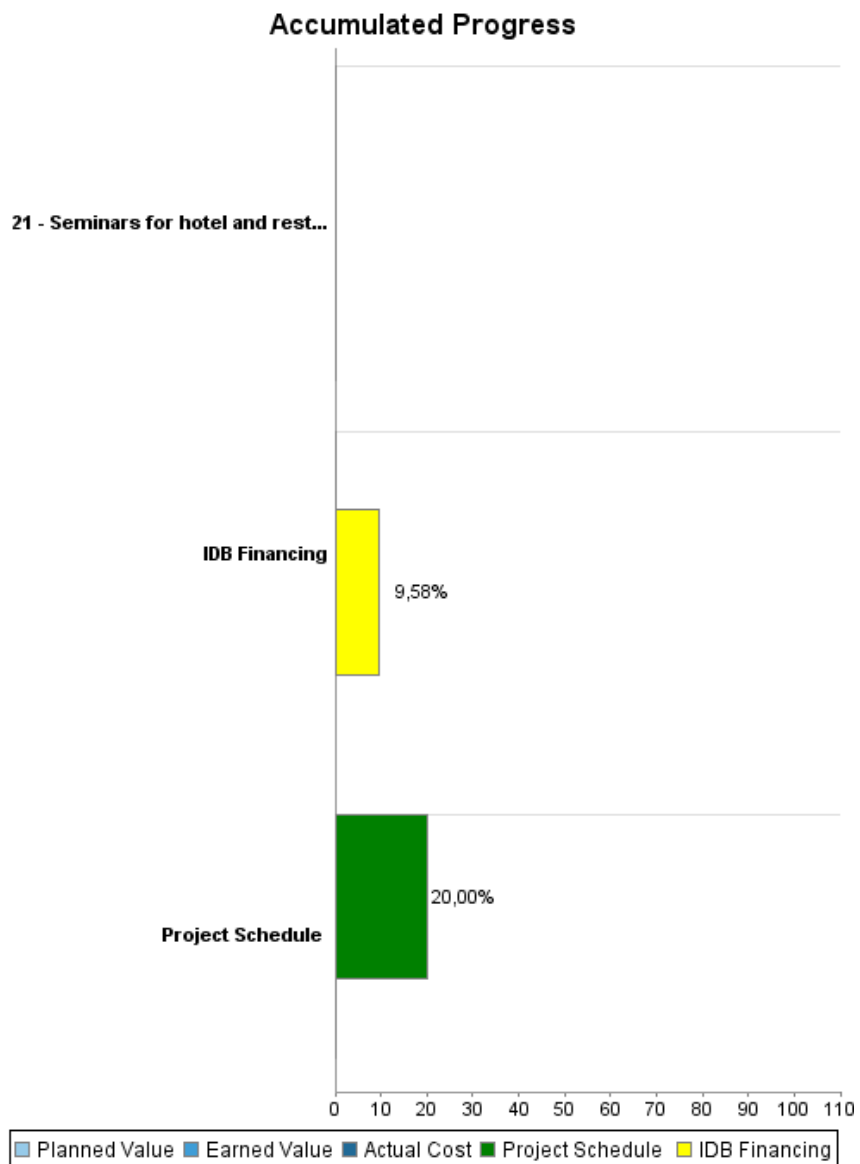
| Basic Data             |                                     | Available Funds (US\$)    |              | Total Cost and Source         |               |
|------------------------|-------------------------------------|---------------------------|--------------|-------------------------------|---------------|
| Executing Agency (EA): | Guyana Water Incorporated           |                           |              |                               |               |
| Sector:                | WATER AND SANITATION-WATER SUPPLY   |                           |              |                               |               |
| Loan Number(s):        | 2428/BL-GY                          | Current Approved Amount:  | 9.500.000,00 | Original IDB:                 | 9.500.000,00  |
| Stage:                 | Approved                            | Disbursed Amount to Date: | 909.927,60   | Current IDB:                  | 9.500.000,00  |
| Operation Type:        | INV - Investment                    | % Disbursed:              | 9,58         | Pari-passu:                   | 95,00         |
| Related Operation(s):  | GY-P1007, RG-P1400                  | Balance:                  | 8.590.072,40 | Co-Financing/Country:         | 500.000,00    |
| Operation Subtype:     | ESP - Specific Investment Operation |                           |              | Original Estimate:            | 10.000.000,00 |
|                        |                                     |                           |              | Amortization Period (months): | 288           |

| Project Environmental and Social Impact Category    | Reformulation  | Validation   |
|---|--|--|
| Project Environmental and Social Impact Category: B | ( ) Was the objective(s) of this project reformulated? | Validated by Division Chief: 15-mar-2012<br>Validated by Country Representative: 25-abr-2012 |



## Accumulated Progress as of 2011





## Outcomes

**Outcome:** Georgetown sewerage system performance improved

| Indicator  | Unit of Measure | Baseline | Baseline Year |        | 2011 | 2012 | 2013 | 2014     | 2015     | End of project |
|--|-----------------|----------|---------------|--------|------|------|------|----------|----------|----------------|
| Households served by an improved sewerage system | Houesholds      |          | 2010          | P<br>A |      |      |      | 8,500.00 | 4,500.00 | 13,000.00      |

**Outcome:** GWI capacity to Operate and Maintain assets increased

| Indicator  | Unit of Measure | Baseline | Baseline Year |        | 2011                 | 2012     | 2013     | 2014      | 2015      | End of project |
|--|-----------------|----------|---------------|--------|----------------------|----------|----------|-----------|-----------|----------------|
| Staff- hours spent on preventive maintenance activities per year | Hours           | 8,017.00 | 2009          | P<br>A | 8,017.00<br>8,017.00 | 8,017.00 | 9,220.00 | 10,602.00 | 12,193.00 | 12,193.00      |

**Outcome:** Energy use in Guyana Water Incorporated (GWI) improved

| Indicator                                 | Unit of Measure | Baseline | Baseline Year |        | 2011                 | 2012     | 2013     | 2014     | 2015     | End of project |
|---|-----------------|----------|---------------|--------|----------------------|----------|----------|----------|----------|----------------|
| Energy consumption in 12 pilot facilities | MWh/year        | 3,300.00 | 2009          | P<br>A | 3,300.00<br>3,300.00 | 3,000.00 | 2,900.00 | 2,700.00 | 2,600.00 | 2,600.00       |

**Outcome:** Water-related Neglected Tropical Diseases controlled and, where feasible, eliminated in Region 4

| Indicator   | Unit of Measure          | Baseline | Baseline Year |        | 2011 | 2012  | 2013  | 2014 | 2015  | End of project |
|---|--------------------------|----------|---------------|--------|------|-------|-------|------|-------|----------------|
| Soil-Transmitted Helminthiasis (STH) and Lymphatic filariasis (LF) prevalence estimated   | Assessments              |          | 2010          | P<br>A |      | 1.00  | 1.00  |      | 1.00  | 3.00           |
| Prevalence of Lymphatic filariasis (LF) infection   | % of population infected | 20.00    | 2001          | P<br>A |      | 5.00  | 2.00  |      | 1.00  | 1.00           |
| Prevalence of Soil-Transmitted Helminthiasis (STH) infection  | % of population infected | 25.00    | 2009          | P<br>A |      | 25.00 | 16.00 |      | 10.00 | 10.00          |
| % of surveyed individuals who know key facts about the diseases (e.g. their causes and symptoms) and about MDA (e.g. that it is harmless, free, targeted at the entire population etc.) | Percentage               |          | 2009          | P<br>A |      | 40.00 | 60.00 |      | 80.00 | 80.00          |

## Outputs: Annual Physical and Financial Progress 2011

| Description  | Unit of Measure   | Physical |        |                   |              | Financial  |            |                   |              |
|--|-------------------|----------|--------|-------------------|--------------|------------|------------|-------------------|--------------|
|  |                   | Planned  | Actual | Accumulated units | EOP units    | Planned    | Actual     | Accumulated costs | EOP costs    |
| <b>Rehabilitation of Georgetown s sewerage system</b>  |                   |          |        |                   |              |            |            |                   |              |
| Ring main replaced   | Kilometers        |          |        |                   | 5,50         | 330.000,00 | 541.907,00 |                   | 3.413.871,00 |
| Delivery mains replaced  | Kilometers        |          |        |                   | 6,00         | 20.000,00  | 20.000,00  |                   | 426.399,00   |
| Sewerage pumps (purchased and) installed   | Pumps             |          |        |                   | 24,00        |            |            |                   | 1.799.938,00 |
| Existing sewerage pumps installed  | Pumps             |          |        |                   | 9,00         |            |            |                   | 68.186,00    |
| Gravity street sewers assessed   | Sewer basins      |          |        |                   | 1,00         |            |            |                   | 551.769,00   |
| Pumping stations rehabilitated   | Pumping stations  |          |        |                   | 9,00         |            |            |                   | 145.741,00   |
| Gravity street sewers rehabilitated  | Meters            |          |        |                   | 200,00       |            |            |                   | 116.622,00   |
| Combination sewerage tanker purchased  | Tankers           |          |        |                   | 1,00         |            |            |                   | 150.000,00   |
| <b>Institutional strengthening of Guyana Water Inc. (GWI)</b>  |                   |          |        |                   |              |            |            |                   |              |
| Asset management strategy developed  | Strategies        |          |        |                   | 1,00         |            |            |                   | 150.000,00   |
| Training sessions performed within Guyana Water Inc. (GWI) on wastewater management and energy efficiency    | Training sessions | 1,00     |        |                   | 10,00        | 9.200,00   | 9.927,00   |                   | 142.000,00   |
| Schools where awareness campaign has been completed  | Schools           |          |        |                   | 20,00        |            |            |                   | 35.000,00    |
| Seminars for hotel and restaurant owners carried out   | Seminars          |          |        |                   | 10,00        |            |            |                   | 15.000,00    |
| <b>Energy efficiency pilot project</b>   |                   |          |        |                   |              |            |            |                   |              |
| Portable measuring equipment purchased   | Equipment         |          |        |                   | 9,00         | 7.400,00   | 68.796,00  |                   | 74.000,00    |
| Hydraulic efficiency models completed  | Hydraulic models  |          |        |                   | 2,00         |            |            |                   | 30.000,00    |
| Pumping stations optimized (rehabilitated, calibrated, etc.)   | Pumping stations  |          |        |                   | 12,00        |            |            |                   | 168.000,00   |
| <b>Prevalence Reduction in Water Related Diseases</b>  |                   |          |        |                   |              |            |            |                   |              |
| Baseline survey of Lymphatic Filariasis (LF) and Soil-Transmitted Helminthiasis (STH) prevalence carried out | Surveys           |          |        |                   | 1,00         |            |            |                   | 14.240,00    |
| Follow up Lymphatic Filariasis (LF) and Soil-Transmitted Helminthiasis (STH) prevalence surveys carried out  | Surveys           |          |        |                   | 2,00         |            |            |                   | 28.470,00    |
| Knowledge Attitudes and Practices surveys carried out  | Surveys           |          |        |                   | 3,00         |            |            |                   | 5.690,00     |
| Drugs (donated or purchased) successfully distributed  | Drugs             |          |        |                   | 5.226.410,00 | 30.000,00  | 33.672,00  |                   | 159.360,00   |

| Description  | Unit of Measure | Physical |        |                   |           | Financial         |                   |                   |                     |
|--|-----------------|----------|--------|-------------------|-----------|-------------------|-------------------|-------------------|---------------------|
|  |                 | Planned  | Actual | Accumulated units | EOP units | Planned           | Actual            | Accumulated costs | EOP costs           |
| Surveys to validate reported drug coverage carried out   | Surveys         |          |        |                   | 5,00      |                   |                   |                   | 5.690,00            |
| Neighbourhood Democratic Councils (NDCs) in which social mobilization and health education workshops are carried out | Councils        |          |        |                   | 15,00     |                   |                   |                   | 57.010,00           |
| <b>Management, contingencies and others</b>  |                 |          |        |                   |           |                   |                   |                   |                     |
| <b>TOTAL</b>   |                 |          |        |                   |           | <b>396.600,00</b> | <b>674.302,00</b> |                   | <b>7.556.986,00</b> |