

## **BRIEF ON LVWATSAN II IMPLEMENTATION STATUS**

### **1 Background**

The Lake Victoria Water and Sanitation Program Phase II (LVWATSAN II) is a Regional Program covering the countries that form the East African Community namely; Burundi, Kenya, Rwanda, Tanzania and Uganda. The Program is being implemented under the Lake Victoria Basin Commission (LVBC) of the East African Community (EAC). In Rwanda, the Implementing Agency (IA) is the Water and Sanitation Corporation (WASAC) through the Directorate of Water and Sanitation Development (DWSD). The GoR received a Grant of UA 15.11 million from African Development Fund (ADF) towards the cost of Lake Victoria Water Supply and Sanitation Program Phase II (LVWATSAN II) concerning the focal towns of Nyagatare, Kayonza and Nyanza. It is intended that proceeds of this grant is applied to eligible payments for the following components: (i) water supply, (ii) hygiene and environmental sanitation, (iii) urban drainage improvement, (iv) capacity building and (v) program management. The Program Management Unit is comprised of National Coordinator, two Engineers, Social Expert, Environment Specialist, Procurement Specialist, and Finance and Administration Officer.

### **2. Objective of LVWATSAN II Project**

The main objective of the program is to contribute to the reversal of Lake Victoria water pollution and improvement in sustainable Water Supply and Sanitation Infrastructure to 3 secondary towns in Rwanda: Nyagatare, Kayonza and Nyanza. The specific objectives of the program are to construct physical infrastructures and train some of the end users of those infrastructures. In this program we have five components as followings:

- Water supply
- Hygiene and Environmental sanitation
- Urban Drainage Improvement
- Capacity building
- Program Management

The expected results in each town for the program are following:

- For Nyagatare Town:
  - **Water Supply:**
    - ✓ Construction of a Water Treatment Plant of a production capacity of 2370 m<sup>3</sup>/day,
    - ✓ Total pipelines of 28.2 km
    - ✓ One storage tank of a capacity of 800 m<sup>3</sup>
  - **Sanitation:**
    - ✓ Construction of 12 public toilets (Completed)
    - ✓ Construction of drainage system of 1.4 km(Completed)
    - ✓ Construction of one landfill
    - ✓ Construction of one feecal sludge treatment plant with a capacity of 10m<sup>3</sup>/day
  - **Capacity building:**
    - ✓ Training for end users in the management of constructed infrastructures through hygiene and sanitation promotion consultancy
- For Kayonza Town:
  - **Water Supply:**
    - ✓ Construction of a Water Treatment Plant of a production capacity of 2800 m<sup>3</sup>/day
    - ✓ Total pipelines of 46.2 km
    - ✓ Two storage tank of total capacity of 1022.5 m<sup>3</sup>
  - **Sanitation:**
    - ✓ Construction of one landfill
    - ✓ Construction of 9 public toilets (Completed)
    - ✓ Construction of drainage system of 2.4 km(Completed)
    - ✓ Construction of one feecal sludge treatment plant with a capacity of 10m<sup>3</sup>/day
  - **Capacity building:**
    - ✓ Training for end users in the management of constructed infrastructures through hygiene and sanitation promotion consultancy
- For Nyanza Town:

- **Water Supply:**
  - ✓ Construction of a Water Treatment Plant of a production capacity of 5042 m<sup>3</sup>/day
  - ✓ Total pipelines of 52.4 km
  - ✓ One storage tank of a capacity of 2000 m<sup>3</sup>
- **Sanitation**
  - ✓ Construction of one landfill
  - ✓ Construction of 9 public toilets (Completed)
  - ✓ Construction of drainage system of 1.0 km (Completed)
  - ✓ Construction of one faecal sludge treatment plant with a capacity of 10m<sup>3</sup>/day

### 3. PROJECT BUDGET PERFORMANCE BY END Q4 2014/2015

PROJECT NAME	DEVELOPMENT PARTNER	START DATE	END DATE	PROJECT COST	CUMULATIVE BUDGET EXECUTION	BUDGET EXECUTION RATE
LVWATSAN II	AfDB	Jun 2011	Dec 2016	17.68 Million in UA With : AfBD : 15.11 Million in UA GoR : 2.57 Million in UA	6.09 Million in UA With: AfDB : 5.44 Million in UA GoR: 0.65 Million in UA	with AfDB Funds: 36.00% With GoR Funds: 25.29%

#### 4. Progress status

Activity	Timeframe	Progress status
<p><b>1. Sanitation: Public &amp; Institutional Toilets and Storm Water Drainage Systems in Nyagatare, Kayonza and Nyanza Towns (Short Term Intervention).</b> Construction of 30 public toilets and 4.8 km of storm drainage systems</p>	<p>January-August 2014</p>	<p><b>Completed 100%</b> in last August 2014 through which about 12,000 people have started benefiting to those publics and institutional toilets and about 1300 households has been benefiting to that storm water drainage systems passing through the 3 Towns.</p>
<p><b>1.1.</b> Construction of 12 public toilets and 1.2 km of storm drainage system in Nyagatare Town</p> <p>Construction of 9 public toilets and 2.8 km of storm drainage systems.</p> <p>Construction of 9 public toilets and 1.0 km of storm drainage system in Nyagatare Town</p>		<ul style="list-style-type: none"> <li>- About 4800 people and 300 households for Nyagatare Town</li> <li>- About 3600 people and 800 households for Kayonza Town.</li> <li>- About 3600 people and 200 households for Nyanza Town</li> </ul>
<p><b>2. Water Supply Systems, Landfills and Feecal Sludge Treatment Plants (Long Term Intervention) in Nyagatare, Kayonza and Nyanza Towns.</b></p> <p><b>2.1. Water Supply Systems:</b> Construction of a Water Treatment Plants of a production capacity of <b>10,212 m<sup>3</sup>/day</b>, Total pipelines of <b>126.8 km</b> and Three storage tanks of a total capacity of <b>3,822.5 m<sup>3</sup></b> in Three Towns;</p>	<p>June 2015-August 2016</p>	<ul style="list-style-type: none"> <li>- The contract of works has been signed (By Angelique Company) in May 2015 and works started in June 2015 (Lot1) to be completed in August 2016.</li> <li>- Progress works at</li> </ul>

<ul style="list-style-type: none"> <li>✓ Water Treatment Plants of a production capacity of 2370 m<sup>3</sup>/day, Total pipelines of 28.2 km and a storage tank of a capacity of 800 m<sup>3</sup> in Nyagatare Town;</li> <li>✓ Water Treatment Plants of a production capacity of 2800 m<sup>3</sup>/day, Total pipelines of 46.2 km and One storage tank of a capacity of 1022.5 m<sup>3</sup> in Kayonza Town;</li> <li>✓ Water Treatment Plants of a production capacity of 5042 m<sup>3</sup>/day, Total pipelines of 52.4 km and Three storage tanks of a capacity of 800 m<sup>3</sup> in Nyanza Town;</li> <li>✓ Construction of a Water Retention Dam in Nyanza District with a capacity of 2,3 million cubic meters.</li> </ul> <p><b>2.2. Sanitation:</b> Construction of three modern Landfills and Feecal Sludge Treatment Plant for all three Towns with a total capacity of 30 m<sup>3</sup>/day: <b><i>One for each town with a capacity of 10 m<sup>3</sup> (Nyagatare, Kayonza and Nyanza Towns).</i></b></p>	<p>-June 2015- May 2016</p>	<p>5% (Geotechnical, Topographic surveys and sites clearing).</p> <ul style="list-style-type: none"> <li>- The contract of works has been signed (By SUMMIT Company) in June 2015 and works started in May 2015 (Lot2) to be completed in May 2016.</li> <li>- Progress works at 2% (Topographic surveys).</li> </ul> <p>Same Progress as WSS for Lot1 (5%).</p>
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## 5. KEY PROJECT PERFORMANCES

- ✓ ***Phase 1 of works (Short Time Intervention):***  
Construction of public toilets and storm drainage systems in Nyagatare, Kayonza and Nyanza Towns) completed 100% on time in August 2014.

✓ **Phase 2 of works (Long Time Intervention):**

Lot 1: Construction of water supply systems, faecal sludge treatment plants and landfills in Nyagatare, Kayonza and Nyanza Towns);

Lot 2: Construction of Bishya water retention dam in Nyanza town

***All contracts have been signed in May 2015 and the Works are on-going.***

## **6. CHALLENGES**

- ✓ Delay by former EWSA in internal procurement process: Eight months from Mid December 2013 to 14<sup>th</sup> August 2014.
- ✓ Delay by AfDB in issuance of no objection: Seven months from 14<sup>th</sup> August, 2014 to 6 March, 2015.

## **6. PROJECT TIMELINES AND ACTIONS TO COMPLETE THE PROJECT IN THE NEW TIMELINES**

- ✓ **Lot 1** to be completed in August 2016;
- ✓ **Lot 2** to be completed in May 2016;
- ✓ **Actions to complete the project in time:**

Close follow up of the project implementation schedule proposed by the consultant and

Contractors, regular report from Contractors and Consultant, regulars' sites meeting and Sites visits.