



**Ministry of Water and Environment
Joint Technical Review 2018**

**Feedback from the Field Visit
KALUNGU- BUWAMA GROUP**

Group composition

MWE Team:

DP Team

NGOs and Lukaya Town Council and
Kalungu District staff

Some of the Participants in Kalungu – Buwama Group



What was seen.....

❑ **Buwama- Kayabwe Town Water Supply System**

- Conventional Pumped Water supply System constructed by MWE with funding from AfDB- Pumped from Lake and Extension of Gombe- Kyabadaza WSS
- Has a 5 Reserve tanks (total of 750 m³) with an initial phase of 400 household connections, 20 PSTPs
- Handed over to NWSC for management- NWSC has added 400 HH connections.
- Gombe- Kyabadaza extension has added 1200 connections
- - Intake at the lake – treatment facility and the pump. Water quality laboratory and backwash tank.

❑ **Fecal sludge treatment facility in Buwama**

- As Part of the Kayabwe- Buwama WSSS



Top: Inside the Pump house of the Kayabwe-Buwama WSS
Bottom: At the Fecal Sludge Treatment Plant



What was seen.....

- ❑ **Paddy rice growing on 2000 hectares and a processing plant to Zhong Yi Rice.**
- Employees over 700 people- Irrigation through channels that draw from the lake and river Katonga and later pumped
- Harvesting is done by combine harvester and other equipment



- ❑ **Birinzi Demonstration farm- Namakwaland**
- Irrigation is done by pumping water from lake Birinzi

- Grows Maize, Beans, Irish Potatoes and Water Melon on 60 hectares



What was learnt

- Need to properly interpret the laws especially the Water act in management of Water supply systems. For Example: Self supply is permitted in a water supply areas and yet in previous areas have been stopped.
- The irrigation system has potential for producing food three times and a good case for using Water for Agriculture
- There is lack of source protection at water supply systems

What was seen as the main challenges for the sector

- Water supply system is not breaking even and still needs to be subsidized by other systems.
- Small scale mining activities that cumulatively result into big environmental impact and therefore should not be left to local government.
- Inadequate waste water to treat
- No Sanitation facilities for the hundreds of the workers on the rice farm
- Inadequate management of the oil spills
- Rice company does not want to be monitored especially by the local leaders.
- All facilities do not have permits (Abstraction, waste water discharge)
- Poor management of Agro- chemicals used – Flow back



Left: Commissioner Env observed oil spills at the rice firm

Right; Illegal sand mining still done at Sebalamu area with trucks disguised as Not working !





Top: In the Background Sand mined a few day ago

Below: Spills of Agro Chemicals flowing back to the Lake Birinzi



Policy recommendations

- Enforcement of the permit acquisition should be strengthened
- There is still illegal sand mining in Lwera- Need for Central government to support the local government to enforce the ban.
- Need to Market the fecal sludge treatment plant and the need to frequently empty the septic tanks