

#### MINISTRY OF WATER AND ENVIRONMENT

#### **Umbrella of Water and Sanitation - East**

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#### OPERATION AND MAINTANANCE OF PIPED WATER SUPPLY AND SANITATION SYSTEMS

### Enhancing Visibilty of Umbrella of Water and Sanitation-East

The Government of Uganda through the Ministry of Water and Environment (MWE) and other developmental partners is committed to improving the living conditions of the people through provision of safe water and improved sanitation and Hygiene It's thus responsible for the sound management and sustainable utilization of water and environment resources for increased water coverage for the population of Uganda. The UOs are regionally based and mandated to directly manage and support Piped Water Supply and Sanitation facilities in line with CAP-152, Section 50-52 of the Water Act.

Umbrella of Water and Sanitation-East covers 34 districts and operates in 156 schemes all over the Eastern region of Uganda. The UWS-East stretches right from Busoga region to Bukedi region, through the Elgon region, and then Sebei

region and finally ends in Teso sub regions.



### The Districts covered include; Jinja, Iganga, Kamuli, Buyende, Busia, Budaka, Bugiri, Bukwo,Bulambuli,Butaleja,Kapchorwa,K weeni,Kibuku,Manafwa,Mblale,Namutum

ba,Mayuge,Sironko, Ngora, Soroti, Katakwi, Amuria, Serere, Kaberamaido, Kumi,Namayingo,Bududa, Kaberamaido, Bukedea and Namisindwa

### Towns/Schemes directly managed by the UWS-E

Nabweya-Bududa, Bubyangu, Budaka, Bufumbo, Bukedea, Bukibokolo, Bukiende, Bukonde, Bukibokolo, Bukiende, Bukonde, Bukwo. Bulegeni, Bulopa, Bulomba, Bumayoka-buluchek, Busano, Bushika, Busolwe, Buwoya - Buboko, Buyende, Buyobo, Chesower, Gweri, Irundu, Iziru-Busede, Kamod, Kapelebyong, Kapkoros, Kasambira, Katakwi, Kifungo, Kyere

Out of the 156 schemes, 56 are gazetted to the eUws-East for direct management and out of the 56, 39 are transacting schemes, 17 are non-transacting i.e. they

are gravity flow schemes pending major rehabilitations and metering.

# Towns under support by the UWS-E include;

Kato,Buwabwala,Bupoto,chepsoikei,Nyal it,Chebenyinyi,Buginyanya,Buluganya,Bu yaga,Masira,Kachonga-Nabiganda,
Tumboboi,Tegres,Gamatui,,Kapkoch,Kap chesombe,Pswa,Bumbo,Sono,Bumboi,Bu soba,Bungokho,Zesui,Miwu,Bulaago,Bu masifa,Butandiga,Kibira, Sambuko, Sisiyi, Buwalasi, Nandere, Buchambi, Nampembo, Kinyionyi.

To ensure sustainable management of the water supply and sanitation facilities in the country, the MWE promotes and facilitates the formation of water supply and sanitation boards (WSSBs) and or user associations as a community based management model. Additionally the MWE facilitates the Umbrella Organizations (UOs) to support the WSSBs and or the Water user associations in managing some of the facilities that are under support.

## Achievements of Umbrella of Water and Sanitation East

 Improved on billing and revenue collection efficiency through a web based billing and revenue monitoring software as well as

- regular financial audits and capacity building of staff in good financial management practices. This has enabled water management structures to efficiently manage, plan and supervise their facilities.
- Increased water access and coverage through extensions and connections
- Supplied over 20,000 meters since January 2019 to date. This is to ensure increased connections on constructed water supply systems in different towns. And over 8000 connections in the entire region have been made
- Systems improvements through expansions and rehabilitations of systems under key and lock and those are operational with challenges. I.e. Over 20,000 villages served with clean and safe water.
- Improved functionality of water supply systems through installation of new pumps motors electrical equipment's, energy subsides.
- Ensured access of spares and fittings which are readily available on the open market to water operators, enabling them to timely address effects.

- Improved on the quality of water supplied to consumers through routine water quality testing and monitoring. These tests are done to ensure that water consumed is safe and clean for consumption in relation to test sector standards and sanitation standards.
- Conducted capacity building for different stakeholders in financial, technical, sanitation and hygiene and other management components. This is aimed at instilling knowledge on good operational procedures and practices as far as water environment and sanitation issues are concerned.
- Reduced non-revenue water (NRW) from 47 to 39% in different towns to ensure efficient use of available water resources for the beneficiaries. This has been curbed done through installation of Bulk Water Meters on both water sources and reservoir tanks to enable water authorities effectively detect and obviate any water losses.

#### Challenges incurred by the UWS-E

• Un willingness to pay for water services especially beneficiaries

from gravity flow schemes. This is due to the fact that there is a lot of open surface water like springs and rivers which are used as alternative sources of water for consumption. The unwillingness to pay is also hinged on the poor attitude towards O&M payment by the water users.

- The high expectations from the eUws visa vi the available resources. There is a very high demand of water services in different communities. This hence calls for expansion of systems to the other unserved areas.
- Aging infrastructure –some piped water systems have surpassed their design period which has escalated high water losses hence need for total overhaul.











































