



# MINISTRY OF WATER AND ENVIRONMENT

## DIRECTORATE OF WATER DEVELOPMENT



# EASTERN UMBRELLA OF WATER AND SANITATION

## About the EUWS

The Eastern Umbrella of Water and Sanitation is a regional structure established by the Ministry of Water and Environment through the Directorate of Water Development, mandated to directly manage selected gazetted piped water supply systems and also provide support in operation and maintenance (O&M) of piped water supply and sanitation facilities in small towns and rural growth centers in the eastern region of Uganda. This mandate covers 32 districts namely; Bududa, Manafwa, Mbale, Sironko, Bulambuli, Serere, Soroti, Katakwi, Kapelebyong, Kapchorwa, Kweeni, Bukwo, Jinja, Kaliro, Kamuli, Busia, Butalejja, Bugiri, Pallisa, Kumi, Namwisindwa, Budaaka, Kibuuku, Namutumba, Namayingo, Iganga, Tororo, Mayuge, Luuka, Buyende

## Achievements

Description	Interventions	Outcome
Management take over	The EUWS has taken over management of 42 water supply schemes out of 50 gazetted water schemes and continues to support 108 piped water schemes in the eastern region	Improved reliability of water supply services
Major rehabilitations	<ul style="list-style-type: none"> <li><b>Gweri WSS:-</b> Drilling of new production well, Installation of new pump and installation of solar powered system.</li> <li><b>Muyembe WSS :-</b> Refurbishment of leaking reservoir tank, Payment of electricity arrears of about 20m, Installation of complete pump</li> <li><b>Nankoma WSS:-</b> Installation of New pump and power control system, Extension of 3 phase powerline, Laying of 3km OD 90 new transmission line, assorted repair works and replacements of the distribution network</li> <li><b>Namwendwa WSS:</b> Installation of 100m3 reservoir tank</li> </ul>	<ul style="list-style-type: none"> <li>Restored water supply in the town</li> <li>Restored water supply in the town</li> <li>Restored water supply in the town</li> <li>Reduced water losses as a result of leaking tank</li> </ul>
Major rehabilitations continued	<ul style="list-style-type: none"> <li><b>Katakwi WSS:-</b> Close supervision for correct reinstatement of the 4km 160mm main transmission line and 5km section of the distribution network affected by the road works</li> </ul>	Reliable and adequate water supply
Pump repairs and replacements	<ul style="list-style-type: none"> <li><b>Budaka WSS:-</b> installation of a standby pump complete with accessories</li> <li><b>Busolwe wss:-</b> Replaced pump motor</li> <li><b>Masafu wss:-</b> Replaced two pump motors</li> </ul>	Restored water supply
Water coverage	13km Pipe line extensions made in selected schemes with additional 500 connections	Increased water coverage

Water meter replacements	Supply of 500 new meters for replacement of faulty ones in selected water schemes	Improved revenue and accuracy in billing
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## Interventions

Description	Interventions	Outcome
Repairs and replacements	Provision of materials for repair and replacements of worn-out and damaged plumbing fittings in over 20 schemes	Reduce water losses
Job creation	Created 250 Job opportunities for qualified personnel as scheme operators	Improved service delivery and employment
Tariff	Affordable and cost covering tariffs for piped water schemes between 20Ush-75Ushs per jerrycan	Increased consumption of safe water especially in rural arrears and the urban poor
NRW	Reduced NRW from 60% to 30%	Increased revenue collection
Water quality	A total of 520 samples from all the water schemes were tested and 90% complied with the national water quality standards	Water quality compliance

## Challenges :

- Intermittent water supply due to unreliable power supply, losses through leakages, illegal connections
- High expenditures on energy costs
- Aging water supply infrastructure
- Rampant vandalism of schemes' assets.
- Unwillingness to pay user fees due to inability, political influence, etc leading to weak O&M



Laying pipes in Buyende



Laying pipes in Buyende



Monitoring performance of solar system in Kamod