



THE REPUBLIC OF UGANDA

Ministry of Water and Environment

Directorate of Water Development

Rural Water Supply and Sanitation Department

2018/2019

RURAL WATER SUPPLY AND SANITATION DEPARTMENT

The provision of rural water supply and sanitation covers communities or villages (at the level of Local Council 1 (LC1) with scattered population in settlements up to 1,500 people, and Rural Growth Centres (RGCs) with populations between 1,500 and 5,000.

The main technology options used for water supply improvements in rural areas are summarized in the table below. The table indicates that the rural population is predominantly served by the borehole technology. However, according to SDG No.6, it is a commitment to achieve universal and equitable access to safe and affordable drinking water for all by 2030 which can only be achieved through piped water supplies. Therefore, there is urgent need to invest heavily in piped water supplies in order to raise the percentage of persons served by piped water supplies in rural areas from the current 11% up to 50% by 2030.

As of June 2018, the national safe water coverage in rural areas was estimated at 70%. There was no change in coverage from that of June 2017. Out of the 57,974 rural villages in Uganda, 38,183 (66%) of the villages had valid water sources as of June 2018. The functionality for rural water supplies is at 85%.

Categories of safe water supply technology as of **June 2018**

Source of water	Number	No. of persons served	%
Deep boreholes	40,233	12,069,900	44%
Shallow wells	21,567	6,470,100	23.6%
Protected springs	28,908	5,781,600	21%
Tap stands	19,885	2,982,750	11%
Rainwater Harvest Tanks	20,187	121,122	0.4%
Total	130,780	27,425,472	100%

RWSSD PROGRAMS AND PROJECTS

A total of UGX 131.2bn was used to serve 531,938 persons with new improved water supplies. The overall per capita cost for rural water supplies was UGX 246,663 (68 USD) higher than UGX 114,295 (32 USD) for FY 2016/17. The percentage of water points with functional water and sanitation committees was estimated at 89% in June 2018 slightly higher than 88% of June 2017.

- 982 new boreholes were constructed and 1,571 rehabilitated.
- 30 solar powered mini schemes under construction progressed up to 65% completion.
- 70 piped water systems with 861 taps and 167 protected springs were constructed.
- 751 rainwater harvesting systems (ferro cement tanks, Plastic tanks and Communal) were installed.

DISTRICT WATER AND SANITATION DEVELOPMENT CONDITIONAL GRANTS (DWSDCG)

These programs are implemented through district local governments based on work plans and budgets approved by MWE. The DWSDCG finances construction of water supply and sanitation facilities, community sensitization and mobilization in rural areas. The ten regionally based Technical Support Units (TSUs) of MWE provide capacity building, monitoring and technical back-up support to local governments in the implementation of the program.

Targets and Achievements under DWSDCG

District Local Governments planned to implement a total of 2,567 water sources and a total 79 sanitation facilities but achieved a total of 2,380 (93%) water sources and a total 50 (63%) sanitation facilities. A total of 390,178 persons were served with safe water sources.

Type of water source	2017/18		taps	% Achieved	No. of persons per source	Persons served
	Planned ³	Achieved				
Protected springs	174	167		96%	200	33,400
Boreholes	863	756		88%	300	226,800
Piped Water Systems	77	70	861	93%	150	129,150
Rainwater Harvesting Tanks 10m ³	136	138		101%	6	828
Valley Tanks	10	9		90%		
Dams	1	1		100%		
Rehabilitation of water sources	1,306	1,239		102%		
Grand Total	2,567	2,380		93.00%		390,178
Sanitation facilities (Public)	79	50		63%		
Designs of Piped Water Systems	56	44		79%		0

MWE CENTRALLY IMPLEMENTED PROJECTS

During the FY 2017/18, the activities implemented through centrally managed projects by MWE the construction of large gravity flow piped water systems, solar powered mini-piped water supply systems based on groundwater and boreholes fitted with hand-pumps. A total of 141,760 persons were served with MWE central government interventions. Borehole rehabilitation restored water supply to 69,600 persons in rural areas.

Completed MWE Centrally Implemented Projects

Description	Achieved	Comment
Construction of Large Gravity Flow Schemes		
Nyarwodho GFS-Phase I in Nebbi district	100%	Construction works for Nyarwodho Phase II designed to serve a population of 23,360 persons in Jonam and Padyere Counties were substantially completed and successfully promoted 415 household connections.
Bududa – Nabweya GFS Phase I in Bududa District	100%	Construction works for Phase II substantially completed to serve a population of 37,156 through 400 promotional connections.
Bukwo GFS in Bukwo District Phase I	95%	Construction works for Phase II substantially completed to serve a population of 13,440 through 560 promotional connections.
Lirima GFS Phase I in Manafwa District	36%	The scheme targets a population of 179,000 persons and is expected to connect 1,700 households to safe and clean water. Delays by the contractor to mobilize on site.

Ongoing MWE Centrally Implemented Projects and general progress

Description	Target	Achieve	Comment
Construction of Large Gravity Flow Schemes			
Nyarwodho GFS-Phase II in Nebbi district	70%	95%	Construction works for Nyarwodho Phase II designed to serve a population of 23,360 persons in Jonam and Padyere Counties were substantially completed and successfully promoted 415 household connections.
Bududa – Nabweya GFS in Bududa District Phase II	100%	95%	Construction works for Phase II substantially completed to serve a population of 37,156 through 400 promotional connections.
Bukwo GFS in Bukwo District Phase II	70%	95%	Construction works for Phase II substantially completed to serve a population of 13,440 through 560 promotional connections.
Rwebisengo Kanara GFS in Ntoroko District.	40%	50%	The scheme is targeting a population of 67,649 persons and plans to promote 2,500 households connections.
Nyamiyonga- Katojo Water Supply System in Isingiro District.	50%	60%	The system targets a population of 30,000 persons and is expected to connect 700 households to safe and clean water.
Nyabuhikye- Kikyenkye GFS in Ibanda district.	30%	45%	Construction works on schedule and the scheme is targeting a population of 45,105.
Lirima GFS Phase II in Manafwa District	60%	36%	The scheme targets a population of 179,000 persons and is expected to connect 1,700 households to safe and clean water. Delays by the contractor to mobilize on site.
Bukedea GFS in Bukedea District.	30%	10%	The scheme targets a population of 262,343 persons and is expected to connect 2,700 households to safe and clean water.
Shuuku Masyoro GFS in Sheema District.	75%	10%	The scheme targets a population of 55,105 persons and is expected to connect 2,000 households to safe and clean water. Administrative review during the procurement process delayed contract signing.

Description	Target	Achieve	Comment
Bukedea Upper Sipi in Kapchorwa, Bulambuli and Bukedea GFS	100	100	The system targets a population of 17,500 persons and is expected to connect 200 households to safe and clean water.
Kabuyanda Water Supply System in Isingiro District	-	-	Contract signed and site handed over to contractor.
Lukalu-Kabasanda GFS in Butambala district	100%	-	- Contract signed site handed over to the contractor.
Orom GFS	15%	-	- Orom water supply design review was completed; however, the supply will be based on ground water sources rather than Gravity Flow Scheme because of the low yields for the proposed GFS source. Bid documents completed for submission to African Development Bank for no objection.
Nyamugasani GFS in Kasese District	-	-	Design review as well as the ESIA study ongoing.
Potika Gravity Flow Scheme in Lamwo District	-	-	Detailed feasibility and design Study completed and design reports submitted.
Bwera GFS in Kasese District	-	-	Detailed feasibility and design Study completed and design reports submitted.
Kahama Phase II in Ntungamo District	-	-	The contract was signed and works are scheduled to commence in FY 2018/19.
Solar powered Solar Powered mini piped schemes			
Solar Powered mini piped systems	40	30	Construction works for 30 sites ongoing and physical performance is estimated at 95%. Designs and tender documents for the 40 solar sites completed. Works to be tendered out in September 2018.

Rain Water Harvest Tanks			
Ferro cement tanks, Plastic tanks and Communal	900	613	613 tanks were constructed that included 164 ferro cement tanks, 171 plastic tanks and 22 communal tanks with varying capacities from 10, 8 and 6 cubic meters. These tanks were able to serve 3,330 persons.

Drilling of Boreholes			
New Boreholes with hand pumps and productions wells (including 5 large diameter wells in Nakasongola).	300	226	Drilled boreholes with hand pumps and production wells in water stressed areas are serving 67,800 persons.
Rehabilitation of Boreholes	232	232	232 boreholes were rehabilitated and water supply restored for 69, 600 persons.

