

ACHIEVEMENTS IN THE WATER AND ENVIRONMENT SECTOR

Safe water supply and sanitation provision in rural areas is majorly under two delivery modes i.e. District water and sanitation development conditional grant and centrally managed projects. The Rural Water Supply and Sanitation Department (RWSD) mainly coordinates the utilization of the district water and sanitation grant that involves resource mobilization and allocation, technical support to districts, monitoring compliance and capacity building to the district local governments.

Additionally, RWSD plans and develops projects/ programs aimed at implementing more water schemes like Large Gravity Flow Schemes that traverse local government boundaries, Solar Powered Mini-Piped Water Schemes, drilling of boreholes in the different rural areas as well as sanitation and hygiene promotion.

This FY 2014/15, the Rural Water Supply and Sanitation Department have successfully achieved the following projects/programs.

Project	Achieved (%)	Target population
Bududa-Nabweya Gravity Flow Scheme	52	63,000
Lirima Large Gravity Flow Scheme	90	173,000
Bukwo Gravity Flow Scheme	30	54,000
Nyarwodho Gravity Flow Scheme	90	85,000
Butebo Water Supply	30	42,000
Kanyampanga GFS	95	200,000

Progress of Large gravity flow schemes implementation

Solar powered mini-piped water schemes

The Solar Mini-Piped Water Scheme is the new approach technology that involves shifting from "hand pump boreholes" to "motorized boreholes using solar energy". Boreholes with high yields are powered with solar energy to supply multiple stand posts, to reduce long queues/time taken to collect water in the rural areas and facilitate monitoring water quality. The mitigating measure here is to have multiple water dispensation points to reduce on water collection times by decongesting crowding at hand pumps.

Construction works for 35 solar powered schemes are ongoing in Amudat-Amudat, Geregere-Agago, Gwentotom-Nwoya Kilanga-Yumbe, Kololo(Ofua)-Adjumani, Lolelia-Kaabong, Iningo-Serere, Kasolwe-Kamuli, Bulyakumbi-Kaliro, Nabukalu-Bugiri, Nakalanga-Mayuge, Aloka-Inomo-Apac, Tojiwe-Buvuma, Ntengeru A-Kayunga, Luweero - Ngogolo, Kikandwa-Mubende,

Dwaniro-Rakai, Kashenyi-Isingiro, Kanoni-Kiruhura, Kyankwanzi- Bakusekamajja, Lokorete - Moroto, Ngora - Morukakise, Nsozibiri-Jinja, Munduya - Busia, Lunyola - Luweero, Kakubansiri - Gomba, Nakatete - Lwengo, Panyadot - Kiryandongo, Kikomazi - Mpigi, Kigalagala - Jinja and Buyuge - Kaliro, Atatur - Kumi, Rwot Konya - Otuke, Kifuyo-Namayingo and Manyamy - Butaleja.



SANITATION PROJECTS



Hand washing campaign was successful held on 15th Oct in Luwero District

In the rural areas, apart from constructing ECOSANS in different communities the Ministry of Water and Environment has also supported the improvement of rural sanitation in Uganda through community trainings on toilet usage and hand washing. Rural sanitation and hygiene education in Uganda has triggered 2,534 villages during the FY 2014/15 of these 42% becoming open defecation Free (ODF). Latrine coverage has improved up to 89% while access to hand washing with soap and water after latrine use has increased up to 32% in rural areas from 29% last year. In schools access to hand washing with soap after latrine use has increased from 37% to 38% this year.

In addition to that through Ministry of Water and Environment, 81 districts receive a grant "DISTRICT HYGIENE AND SANITATION GRANT" on sanitation which aims at improving the hygiene and sanitation practices in rural communities. 3% is contributed to construction of public latrines like in markets, schools and health centres.

Planned projects under RWSD

- Development of 70 solar powered mini-piped water schemes on selected boreholes in rural areas
- Development of large gravity flow schemes (Rwebisengo- Ntoroko, Bukedea, Orom); Expansion of large gravity flow schemes (Nyarwodho, Lirima, Bukwo and Bududa.); Rehabilitation and expansion of gravity flow schemes (Nyabuhikye-Kikyenyke, Lukalu and Shuuku-Masyoro GFS)

Performance overview and Achievements since 2011

Since 2011 to-date, the total storage created has increased from 27.5 billion liters to 44.3 billion litre.

Water for Production Projects

REGION	DISTRICT	PROJECTS COMPLETED IN THE LAST 5 YEARS				ONGOING PROJECTS				WORKS PLANNED IN THE NEXT 5 YEARS				
		PROJECT	STORAGE CAPACITY (m3)	SERVICE LEVEL (No. CATTLE FOR 4 DRY MONTHS)	SOURCE OF FUNDING	PROJECT	STORAGE CAPACITY (m3)	SERVICE LEVEL	SOURCE OF FUNDING	PROJECT	STORAGE CAPACITY (m3)	SERVICE LEVEL	SOURCE OF FUNDING	
KARAMOJA	Nakapiripiti	Sakale/Nakoko Valley Tank	10,000	2,381	EU/KALIP	Design of Namalu dam	4,600,000	1,095,238 Cattle for 4 dry months	MWE/GoU	Construction of Namalu dam	4,600,000	1,095,238 Cattle for 4 dry months	MWE/GoU	
		Lomogol Valley Tank	10,000	2,381	EU/KALIP	Design Namalu Irrigation scheme		1000 hectare of irrigated land	MWE/GoU	Construction of Namalu Irrigation scheme		1000 hectare of irrigated land	MWE/GoU	
		Lokitelaalookwa/Lokaala Valley Tank	10,000	2,381	EU/KALIP					Construction of 10 communal valley tanks each 10,000m3 using ministry equipment	100,000	23,810 cattle for 4 dry months	MWE/GoU	
		Lomosomosoi Valley Tank	10,000	2,381	OPM/GoU					Construction of 10 communal valley tanks using ministry equipment		23,810 cattle for 4 dry months	MWE/GoU	
		Aputi-puti/Logole Valley Tank	10,000	2,381	OPM/GoU					Construction of wind-powered water supply systems at Moruita and Lolachat	27,000	6,430 cattle for 12 dry months	MWE/GoU	
		Nayonae-alakaari Valley Tank	10,000	2,381	OPM/GoU									
		Namata-alooma Valley Tank	10,000	2,381	OPM/GoU									
		Kamosing Valley Tank	10,000	2,381	OPM/GoU									
		Kotido	Kailong dam	162,000	38,571	MWE/GoU					Construction of 10 communal valley tanks using ministry equipment	100,000	23,810 cattle for 4 dry months	MWE/GoU
			Lomogol Valley Tank	10,000	2,381	PRDP/GoU								
			Katukenyanga Valley Tank	10,000	2,381	PRDP/GoU					Construction of wind-powered water supply systems at Kokono and Nawapat	27,000	6,430 cattle for 12 dry months	MWE/GoU
			Makal Valley Tank	10,000	2,381	PRDP/GoU								
			Komogol Valley Tank	10,000	2,381	PRDP/GoU								
	Kolomide Valley Tank		10,000	2,381	PRDP/GoU									
	Losilang Valley Tank		10,000	2,381	PRDP/GoU									
	Aduko Valley Tank		10,000	2,381	OPM/GoU									
	Kangolemuge Valley Tank		10,000	2,381	OPM/GoU									
	Kanapidi Valley Tank		10,000	2,381	OPM/GoU									
	Moroto	Nasak-Anapura Valley Tank	10,000	2,381	OPM/GoU									
		Sinat Valley Tank	10,000	2,381	OPM/GoU									
		Walilwal Valley Tank	10,000	2,381	GoU/KALIP									
		Nangolo-Apolon Valley Tank	10,000	2,381	GoU/KALIP									
		Kangarok Valley Tank	10,000	2,381	GoU/KALIP									
Kobebe dam		2,300,000	547,619	MWE/GoU	Construction of 4 valley tanks using Ministry Equipment	40,000	9,524	OPM/GoU	Construction of 10 communal valley tanks using ministry equipment	100,000	23,810 cattle for 4 dry months	MWE/GoU		
Lopotuk Valley Tank		10,000	2,381	OPM/GoU					Construction of wind-powered water supply systems at Nakwapuwa and Achere	27,000	6,430 cattle for 12 dry months	MWE/GoU		
Nawanatau Valley Tank		10,000	2,381	OPM/GoU										
Lomenikapel (Rupa) Valley Tank		10,000	2,381	OPM/GoU										
Nakonyen		10,000	2,381	EU/KALIP										
Napak	Lokithilei Valley Tank	10,000	2,381	EU/KALIP										
	Akwaapua Valley Tank	10,000	2,381	EU/KALIP										
	Arechet	2,100,000	500,000	MWE/GoU										
	Lokopo Valley Tank	10,000	2,381	OPM/GoU					Construction of 10 communal valley tanks using ministry equipment	100,000	23,810 cattle for 4 dry months	MWE/GoU		
	Lopedru (Lopei) Valley Tank	10,000	2,381	OPM/GoU										
	Kakutalem Valley Tank	10,000	2,381	EU/KALIP										
	Nangirongole Valley Tank	10,000	2,381	EU/KALIP					Construction of wind-powered oreholes at Kasile and Narikogete	27,000	6,430 cattle for 12 dry months	MWE/GoU		
	Lodoon Valley Tank	10,000	2,381	EU/KALIP										
	Kaabong	Longorimit dam	1,400,000	333,333	MWE/GoU					Construction of 10 communal valley tanks using ministry equipment	100,000	23,810 cattle for 4 dry months	MWE/GoU	
		Lotirae Valley Tank	10,000	2,381	OPM/GoU					Construction of wind-powered at Lotor and lodwar	27,000	6,430 cattle for 12 dry months	MWE/GoU	
Zaar Valley Tank		10,000	2,381	OPM/GoU										
Lobuneit Valley Tank		10,000	2,381	OPM/GoU										
		Kabutakuri Valley Tank	10,000	2,381	EU/KALIP									