



THE REPUBLIC OF UGANDA

Ministry of Water and Environment

Directorate of Water Development

Urban Water Supply and Sewerage Department

A brief on the Competed Piped Water Supply and Sanitation systems

2018/2019

Background:

The Ministry of Water and Environment through the Urban Water and Sewerage Departments takes mandate to construct piped water supply and sewerage systems in the large towns, small towns and rural growth centers in Uganda.

During the year 2019, The mandate is implemented through the 4No. WSDFs of Central, South Western, Eastern and Northern. It is also implemented through LV Watsan, WMDP, ERT and Support to small towns.

The summarized table indicated the piped water supply and sanitation systems constructed and completed during the 2019.

Central Region:

SN:1	Project Title:	Kikyusa Piped Water Supply and Sanitation System
	Duration	Completed in September 2018
	Total Budget and Source of Funding	UGX 5,580,357,354 (VAT Inclusive) African Development Bank and Government of Uganda
	Project Area	Luwero District
	Main Outputs	6.5 kms of transmission, 35 kms of distribution and service lines, Stand-by Generator, 200m ³ steel tank on 12m tower, a pump house, 2No. guard/operator houses, a chemical dosing house, 400No. yard tap connections and 10No. PSPs, 1No. office block, 2 Six stance public water borne toilets
	Project Beneficiaries (Population served and No. of Villages served)	Serves 10,575 people, serves 3No. Parishes of Kiziba, Wabusana and Wankanya. Villages: 11
	Implementation Arrangements	Water and Sanitation Development Facility – Central
	Immediate outcomes	Increased coverage for water supply and sanitation services

SN:2	Project Title:	Gombe-Kyabadaza Piped Water Supply and Sanitation System
	Duration	Completed in January 2018
	Total Budget and Source of Funding	UGX 13,354,764,302 (VAT Inclusive) African Development Bank and Government of Uganda
	Project Area	Butambala District
	Main Outputs	32.9kms of transmission, 96kms of distribution, a booster station Gombe: 15 PSPs, 407 Yard Taps, 350m ³ Steel tank on 5m steel tower, 100m ³ Steel tank on 1m reinforced concrete dwarf walls, 2 Public water borne toilets. Villages – 15 Kyabadaza: 10PSPs, 243 Yard Taps, 150m ³ Steel tank on 1m reinforced concrete dwarf walls, 2 Public water borne toilets. Villages – 10

	Project Beneficiaries (Population served and No. of Villages served)	Serves 28,719 people
	Implementation Arrangements	Water and Sanitation Development Facility – Central
	Immediate outcomes	Increased coverage for water supply and sanitation services

SN: 3	Project Title:	Kalagi-Nagalama-Kabembe Piped Water Supply and Sanitation System
	Duration	Completed in March 2018
	Total Budget and Source of Funding	UGX 14,283,089,987.68 African Development Bank and Government of Uganda
	Project Area	Mukono District
	Main Outputs	1,500No. yard tap connections, 16No. PSPs, 30 kms of transmission, 96.3 kms of distribution, 3 no. Guard/operator houses, 1No. treatment house, 2No. public water borne toilets (Naggalama & Kabembe), 1No. office block, 1 no. 120m ³ Concrete collection tank, 2 no. steel tanks @ 300 m ³ in Kabembe and Nkongge, 3No. pump house, 3-phase power line extension to the Pumping stations
	Project Beneficiaries (Population served and No. of Villages served)	Serves 20,520 people (entire project area) Kabembe – 17 villages Kalagi – 19 villages Naggalama – 12 villages
	Implementation Arrangements	Water and Sanitation Development Facility – Central
	Immediate outcomes	Increased coverage for water supply and sanitation services

SN: 4	Project Title:	Zigoti-Sekanyonyi Piped Water Supply and Sanitation System
	Duration	Completed in August 2018
	Total Budget and Source of Funding	UGX 9,780,127,877 African Development Bank and Government of Uganda
	Project Area	Mityana District (Zigoti and Sekanyonyi Towns)
	Main Outputs	12.46 kms of transmission, 121 kms of distribution – entire project Zigoti: 400 Yard Taps, 10 PSPs, 1 Public Sanitation Toilet, 1 office block, 150m ³ Steel tank on 1m reinforced concrete dwarf walls, 2 pumping stations Sekanyonyi: 400No. Yard Tap Connections, 10No. PSPs, 2No Public/Institutional toilets, 1 Office Blocks, , 200m ³ Steel tank on 1m reinforced concrete dwarf walls, 2No. pumping stations and a sump
	Project Beneficiaries (Population served and No. of Villages served)	Serves 17, 716 people (in both towns) Zigoti villages - 10 Sekanyonyi villages - 11
	Implementation Arrangements	Water and Sanitation Development Facility – Central
	Immediate outcomes	Increased coverage for water supply and sanitation services

SN: 5	Project Title:	Kabwoya-Kyakatwanga-Nyamarwa Piped Water Supply and Sanitation System
	Duration	Completed in February 2018
	Total Budget and Source of Funding	UGX 5,286,274,441 African Development Bank and Government of Uganda
	Project Area	Kibale and Kikuube Districts
	Main Outputs	Kyakatwanga (Kibale District) Solar powered production well, Two Tanks @50m ³ (Reinforced concrete ground tanks), 20 public stand posts, 02 Pump houses, 02 Guard/operator houses. Kabwoya (Kikuube District) 100yard tap connections and 10 public stand posts, A stand by diesel generator, treatment system, 01No. 100m ³ Reinforced concrete ground tank, 01 Pump house, 01 Pump house, 01 Guard/operator house, 01 Office block with a water-borne Toilet, 02 Public Water-Borne Toilets.
	Project Beneficiaries (Population served and No. of Villages served)	3,605 people in Kyakatwanga-Nyamarwa and 3,375 in Kabwoya. Villages served – 2 in Nyamarwa, 7 in Kabwoya and 1 in Kyakatwanga

	Implementation Arrangements	Water and Sanitation Development Facility – Central
	Immediate outcomes	Increased coverage for water supply and sanitation services

SN: 6	Project Title:	Namulonge-Kiwenda Piped Water Supply and Sanitation System
	Duration	Completed in 10 th May 2018
	Total Budget and Source of Funding	UGX. Shs 9,561,860,941 African Development Bank and Government of Uganda
	Project Area	Wakiso District
	Main Outputs	Namulonge: 400 yard taps, 5 PSPs Kiwenda: 400 yard taps, 5 PSPs, 6kms of transmission, 32kms of distribution, Collection Tank of 80m ³ , pump house, treatment house, 2No. guard houses, 200m ³ Steel Tank on 15M steel tower (Kiwenda), 260m ³ steel tank on 18 m steel tower (Namulonge), office Block and a public Water borne toilets and a Stand-by Generator
	Project Beneficiaries (Population served and No. of Villages served)	Serves 16,367 people Namulonge villages – 7 Kiwenda villages – 7
	Implementation Arrangements	Water and Sanitation Development Facility – Central
	Immediate outcomes	Increased coverage for water supply and sanitation services

SN: 7	Project Title:	Bugoigo-Butiaba-Walukuba Piped Water Supply and Sanitation System
	Duration	Completed in April 2018
	Total Budget and Source of Funding	UGX 7,767,986,344 African Development Bank and Government of Uganda
	Project Area	Bulisa District
	Main Outputs	100 Yard Tap Connections in Bugoigo and 100 in Walukuba, 10No. PSPs, 1No. main office block in Butiaba, 2No. small offices (Bugoigo & Walukuba), 50m ³ elevated pressed steel reservoir on a 12m high tower in Walukuba Town, 120m ³ elevated pressed steel reservoir on a 15m high tower in Bugoigo Town, water treatment plant
	Project Beneficiaries (Population served and No. of Villages served)	Serves 15,250 people,
	Implementation Arrangements	Water and Sanitation Development Facility – Central
	Immediate outcomes	Increased coverage for water supply and sanitation services

On-Going Projects:

SN	Name of the Project	District	Region	%age Achievement	Remarks
	Kiwoko-Butalangu	Nakaseke	Central	58%	
	Busika-Bugema	Luwero	Central	60%	
	Kiboga FSM	Kiboga	Central	96%	
	Nakasongola FSM	Nakasongola	Central	57%	
	Kagadi	Kagadi	Central	15%	
	Kayunga	Kayunga	Central	80%	

Designs Completed:

SN	Name of the Project area	Region
1	Lwamata	WSDF- Central

On-going Designs:

Currently, the WSDF-C is collecting data for pre-feasibility studies, to cover the entire WSDF-C area of jurisdiction.

South Western Region:

SN: 17	Project Title:	Kiko Piped Water Supply and Sanitation System
	Duration	21 months (3 rd August 2016 - 30 th April 2018) <ul style="list-style-type: none">• Delays were due to lack on funds.
	Total Budget and Source of Funding	Uganda Shillings: 2,908,929,271 (VAT Inclusive) from GoU and EU/MDG Initiative Project.
	Project Area	Kiko Town Council (in Kabarole district)
	Main Outputs	The following items were put in place: <ul style="list-style-type: none">• Water Office Block,• Transmission Mains (9km),• 2No. twin Concrete Storage Reservoir each 100m³,• Distribution Pipe work (47.7km),• Service Lines (49.8km),• Institutional connections (30No.)• Private Connections (400No.),• 1No. Water Borne Public Toilet,

SN: 17	Project Title:	Kiko Piped Water Supply and Sanitation System
		<ul style="list-style-type: none"> Public Water Kiosks (8No.)
	Project Beneficiaries (Population served and No. of Villages served)	Covers 15 villages /cells with a total design population of 18,669 people.
	Implementation Arrangements	Water and Sanitation Development Facility (WSDF) – South West
	Immediate outcomes	Increased safe water coverage, and improved sanitation services for Kiko Town Council.

SN: 18	Project Title:	Kasaali FSM Facility
	Duration	21.5 months (15 th September 2016 - 30 th June 2018) <ul style="list-style-type: none"> Delays were due to lack of funds.
	Total Budget and Source of Funding	Uganda Shillings: 1,844,857,460 (VAT Inclusive) from GoU and EU/MDG Initiative Project.
	Project Area	Kasaali Sub county (in Kyotera district)
	Main Outputs	The following items were put in place: <ul style="list-style-type: none"> Grit and screen chamber, 10No. planted drying beds, Self-priming chambers, 3No constructed wetlands, 3No. horizontal rock filters, Facility warehouse, Cesspool Truck Emptier
	Project Beneficiaries (Population served and No. of Villages served)	19,000 people with drainable Excreta Disposal Facilities (EDFs) residing in 11 urban centres that fall within parts of Kyotera, Rakai and Lyantonde districts.
	Implementation Arrangements	Water and Sanitation Development Facility (WSDF) – Southwest

SN: 18	Project Title:	Kasaali FSM Facility
	Immediate outcomes	Improved faecal sludge management inclusive on transportation, disposal and treatment of waste for the urban centres that fall within a radius of 45 minutes' drive /kilometres.

SN: 19	Project Title:	Ishongororo FSM Facility
	Duration	27.5 months (15 th September 2016 - 30 th December 2018) <ul style="list-style-type: none"> • Delays were due to lack of funds.
	Total Budget and Source of Funding	Uganda Shillings: 1,920,850,105 (VAT Inclusive) from GoU and EU/MDG Initiative Project.
	Project Area	Ishongororo Town Council (in Ibanda district)
	Main Outputs	The following items were put in place: <ul style="list-style-type: none"> • Grit and screen chamber, • 12No. planted drying beds, • Self-priming chambers, • 3No constructed wetlands, • 3No. horizontal rock filters, • Facility warehouse, • Cesspool Truck Emptier
	Project Beneficiaries (Population served and No. of Villages served)	55,589 people with drainable Excreta Disposal Facilities (EDFs) residing in 12 urban centres that fall within parts of Ibanda, Kamwenge, and Kiruhura districts.
	Implementation Arrangements	Water and Sanitation Development Facility (WSDF) – Southwest
	Immediate outcomes	Improved faecal sludge management inclusive on transportation, disposal and treatment of waste for the urban centres that fall within a radius of 45 minutes' drive /kilometres.

On-Going Projects:

SN	Name of the Project	District	Region	%age Achievement	Remarks
1.	Kambuga TC	Kanungu	South Western	87%	These projects are lagging behind due to lack of funds.
2.	Buyamba RGC	Rakai	South Western	92%	
3.	Karago TC Phase -I	Kabarole	South Western	45%	
4.	Lwemiyaga RGC	Ssembabule	South Western	38%	

Designs Completed:

SN	Name of the Project area	Region
1	Kibugu RGC (Kisoro district)	South Western
2	Rubirizi TC (Rubirizi district)	South Western

On-going Designs:

SN	Name of the Project	District	Region	%age Achievement	Remarks
1.	Nyakashaka RGC	Buhwezu	South Western	Feasibility completed	Awaits water resource assessments.
2.	Nabigasa-Bethlehem RGC	Kyotera	South Western	Feasibility completed	Awaits water resource assessments.
3.	Rushango TC	Ibanda	South Western	Design completed	Awaits approval by DRC
4.	Bukinda TC	Rukiga	South Western	Feasibility completed	Awaits water resource assessments.

WMDP Projects:

SN: 10	Project Title:	Katwe-Kabatoro Piped Water Supply and Sanitation System
	Duration	Completed on 29 th August 2018
	Total Budget and Source of Funding	UGX 26,871,371,457.01 is the project value funded by GoU and World Bank
	Project Area	Kasese District
	Main Outputs	505No. Yard tap connections,
	Project Beneficiaries (Population served and No. of Villages served)	Currently serving 12,337 people.
	Implementation Arrangements	Water Management Development Prpgram (WMDP)
	Immediate outcomes	Improved house hold incomes through savings on health management budgets, direct and indirect area employment, improved health status, small scale industrialization (Plastic tinned Drinking water), improved livelihoods and energy for rural transformation implemented in due course

SN: 11	Project Title:	Rukungiri Piped Water Supply and Sanitation System
	Duration	
	Total Budget and Source of Funding	UGX 44,120,085,334 (Original Works) UGX 7,011,963,393 (additional Works) GoU and World Bank
	Project Area	Rukungiri District
	Main Outputs	3 no. raw water transmission pipes of OD225 uPVC PN16 of total length 2.74km and clear water transmission pipe of ND 350 mm Ductile Iron of total length 5.0km, Master Balancing Reservoir at Mukazi of capacity 700m ³ , Distribution pipe network comprising of OD 450 uPVC PN10 & PN6, OD 400 uPVC PN10 & 16, OD 355 uPVC PN10, OD280 uPVC PN 10, OD250 uPVC PN 10 of total length 19.85km, 2no. Public water borne toilets at the Taxi Park and Bus Park. Additional Works: Construction of the 150m ³ and 320m ³ galvanized steel reservoirs in Buyanja Sub county, 150m ³ galvanized steel reservoir in Kebisoni Sub county, 7km of transmission mains to all the reservoirs, 13km of distribution trunk mains, 308 service connections and 21 public stand posts.
	Project Beneficiaries (Population served and No. of Villages served)	

	Implementation Arrangements	Water Management Development Program (WMDP)
	Immediate outcomes	Improved house hold incomes through savings on health management budgets, direct and indirect area employment, improved health status, small scale industrialization (Plastic tinned Drinking water), improved livelihoods and energy for rural transformation implemented in due course

SN: 12	Project Title:	Koboko Piped Water Supply and Sanitation System
	Duration	Completed on 11 th May 2019
	Total Budget and Source of Funding	UGX 31,070,622,752.70 and co-funded by the GoU and World Bank
	Project Area	Koboko District
	Main Outputs	500No. Yard Tap Connections,
	Project Beneficiaries (Population served and No. of Villages served)	The project is currently serving 66,462 people.
	Implementation Arrangements	Water Management Development Program (WMDP)
	Immediate outcomes	Improved house hold incomes through savings on health management budgets, direct and indirect area employment, improved health status, small scale industrialization (Plastic tinned Drinking water)

SN: 13	Project Title:	Palisa Piped Water Supply and Sanitation System
	Duration	Completed in December 2018
	Total Budget and Source of Funding	UGX 22,546,949,392 GoU and World Bank
	Project Area	Palisa District
	Main Outputs	510No. yard tap connections, 144m long by 1.5m wide offshore pedestrian steel bridge into Lake with handrails and pipe supports, conventional treatment plant, 1,200m ³ steel reservoir on 12m high steel tower at Pallisa Town and 150m ³ steel reservoir on 12m high tower in Kasodo sub county, 65km (DN 289 PN 10, OD 315 – 50 UPVC/HDPE of distribution pipeline, 65km (DN 289 PN 10, OD 315 – 50 UPVC/HDPE of distribution pipeline, 8 No. bulk water meters installed, 1 FSTP consisting of screen and grit chamber, 2 planed sludge drying beds, self-priming chamber, 2 constructed wetland, 1 horizontal rock filter, attendant house, gate and landscaping, One 13 stance waterborne public toilet constructed
	Project Beneficiaries (Population served and No. of Villages served)	

	Implementation Arrangements	Water Management Development Program (WMDP)
	Immediate outcomes	Improved house hold incomes through savings on health management budgets, direct and indirect area employment, improved health status, small scale industrialization (Plastic tinned Drinking water)

SN: 14	Project Title:	Ngora-Nyero-Kumi Piped Water Supply and Sanitation System
	Duration	Completed on 29 th December 2018
	Total Budget and Source of Funding	31,576,150,474 UGX GoU and World Bank
	Project Area	Ngora and Kumi Districts
	Main Outputs	950No. yard tap connection, 13km DN 350 pumping main and 17.5km OD 315, conventional treatment plant, 500m ³ steel reservoir on 2.5m high dwarf walls on Kobuku hill, 500m ³ steel reservoir on 12m high tower in Kumi town 200m ³ steel reservoir on 12m high town in Nyero sub county and repair of 280m ³ concrete reservoir on Kobuku hill, 27km (OD 225 – 63 UPVC/HDPE, 29km (OD 225 – 63 UPVC/HDPE) and 40.6km (OD 225 – 63 UPVC/HDPE) of distribution pipeline, 15 No. bulk water meters installed, 950No. consumer connections installed, Two 13 stance waterborne public toilets constructed, Source protection at River Agu
	Project Beneficiaries (Population served and No. of Villages served)	
	Implementation Arrangements	Water Management Development Prpgram (WMDP)
	Immediate outcomes	Improved house hold incomes through savings on health management budgets, direct and indirect area employment, improved health status, small scale industrialization (Plastic tinned Drinking water)

Eastern:

SN: 15	Project Title:	Extension of Piped Water Supply to Bishop Hannington Memorial Site, Kyando
	Duration	3 Months (Oct 2019-Jan 2019)
	Total Budget and Source of Funding	UGX 496,525,463 (VAT Inclusive) GoU funds
	Project Area	Kyando RGC, Mayuge District
	Main Outputs	Increased piped water supply network
	Project Beneficiaries (Population served and No. of Villages served)	4,206 People 5 Villages
	Implementation Arrangements	Water and Sanitation Development Facility (WSDF) – East

	Immediate outcomes	Access to clean piped water, Improved house hold incomes through savings on health management budgets, direct and indirect area employment, improved health status, small scale industrialization (Plastic tinned Drinking water), Increased enrollment in Education
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SN: 16	Project Title:	Rehabilitation of Namwendwa Reservoir Tank for the Piped Water Supply
	Duration	6 months
	Total Budget and Source of Funding	UGX 498,877,344 VAT inclusive GoU funds
	Project Area	Namwendwa RGC, Kamuli District
	Main Outputs	108m ³ Raised Steel Reservoir Tank (15m high tower)
	Project Beneficiaries (Population served and No. of Villages served)	7,837 people 15 villages
	Implementation Arrangements	Water and Sanitation Development Facility (WSDF) – East
	Immediate outcomes	Access to clean piped water, Improved house hold incomes through savings on health management budgets, direct and indirect area employment, improved health status, small scale industrialization (Plastic tinned Drinking water), Increased enrollment in Education

SN: 18	Project Title:	Kamuli FSM Facility
	Duration	33 Months (Oct 2016-June 2019)
	Total Budget and Source of Funding	2,019,390,156 VAT Inclusive JPF and GoU funds
	Project Area	Kamuli District
	Main Outputs	Fecal Sludge Management Plant
	Project Beneficiaries (Population served and No. of Villages served)	72,214 people All urban areas neighbouring Kamuli municipality
	Implementation Arrangements	Water and Sanitation Development Facility (WSDF) – East
	Immediate outcomes	Fecal matter disposal mechanism, direct and indirect area employment, improved health status

On-Going Projects:

SN	Name of the Project	District	Region	%age Achievement	Remarks
	Bulegeni	Bulambuli	Eastern	97%	
	Namwiwa	Kaliro	Eastern	75%	
	Binyiny	Kween	Eastern	40%	
	Bulopa	Kamuli	Eastern	50%	
	Kamuli FSM	Kamuli	Eastern	98%	

Designs Completed:

SN	Name of the Project area	Region
1	Tubur, Acowa, Idudi, Kidetok, Buyaga, Bulambuli, Namungalwe, Ikumbya, Bugobi, Kaliro, Moroto, Kotido, Bugadde, Bwondha, Kibale, Lumino, Kadungulu, Kibaale, Iki-iki, Bulangira	Eastern

On-going Designs:

SN	Name of the Project	District	Region	%age Achievement	Remarks
1	Ngenge RGC	Kween	East	3%	Still ongoing
2	Manafwa TC	Manafwa	East	5%	Still ongoing
3					

Karamoja Region:

SN: 19	Project Title:	Kacheri-Lokona Piped Water Supply and Sanitation System
	Duration	8 months
	Total Budget and Source of Funding	UGX 2,375,487,757, GoU
	Project Area	Kotido District
	Main Outputs	200No. yard tap connections and 04No.PSPs,
	Project Beneficiaries (Population served and No. of Villages served)	Currently serves 7,256 people in 11 villages
	Implementation Arrangements	Karamoja Small Towns and Rural Growth Centers Water and Sanitation Project (KSTWSSP)
	Immediate outcomes	Improve health status and economic productivity

SN: 20	Project Title:	Amudat Piped Water Supply and Sanitation System
	Duration	2 years
	Total Budget and Source of Funding	UGX 1,933,516,064, GoU
	Project Area	Amudat District
	Main Outputs	250No. yard tap connections, 5No.PSPs,
	Project Beneficiaries (Population served and No. of Villages served)	Serves 8,652 people in 15 villages
	Implementation Arrangements	Karamoja Small Towns and Rural Growth Centers Water and Sanitation Project (KSTWSSP)
	Immediate outcomes	Improved health status and economic productivity

On-Going Projects:

SN	Name of the Project	District	Region	%age Achievement	Remarks
	Orwamuge	Abim	Karamoja	60%	

Designs Completed:

SN	Name of the Project area	Region
1	Moroto, Morulem, Alerek, Namalu and Kotido	Karamoja

On-going Designs:

SN	Name of the Project	District	Region	%age Achievement	Remarks
	Kakingol	Moroto	Karamoja	Feasibility study and design ongoing	
	Nadiket	Moroto	Karamoja	Feasibility study and design ongoing	
	Kalapata	Kaabong	Karamoja	Feasibility study and design ongoing	
	Lorengecora	Napak	Karamoja	Feasibility study and design ongoing	
	Karita	Amudat	Karamoja	Feasibility study and design ongoing	
	Loroo	Amudat	Karamoja	Feasibility study and design ongoing	
	Loregae	Nakapiripirit	Karamoja	Feasibility study and design ongoing	
	Awac	Abim	Karamoja	Feasibility study and design ongoing	