

**DETAILS OF PUBLIC CONSULTATION FOR KIAMBU WATER & SEWERAGE COMPANY LTD
(FOR THE PERIOD 2026/2027 – 2028/2029)**

1.0 Cost and Revenue Structure for the Tariff Period

Expenditure Item	2024/25	2025/26	2026/27	2027/28	2028/29
Operations	259,759,621	264,930,002	290,399,494	308,794,297	326,201,203
Maintenance	61,902,225	29,700,019	29,700,019	38,580,464	43,475,805
Regulatory Levy	13,965,435	13,965,435	18,592,280	20,717,659	22,851,874
Total O&M Costs	335,627,281	308,595,456	338,691,793	368,092,420	392,528,882
Investment Costs	4,927,964	44,553,500	65,628,500	71,317,000	74,985,000
Debt Repayment	-	21,258,422	36,268,291	51,278,160	66,288,028
Total Costs	340,555,245	374,407,378	440,588,584	490,687,579	533,801,910
Total Billing (KSh)	349,125,822	395,793,448	470,909,065	524,367,405	578,112,890
Collection Efficiency (%)	94%	92%	94%	95%	95%
Projected Revenue	328,178,273	364,129,972	442,654,521	498,149,035	549,207,246
O&M Cost Coverage	98%	118%	131%	135%	140%
Total Cost Coverage	96%	97%	100%	102%	103%

2.0 Proposed Change in Water Tariff Structure for the Period.

Proposed Tariff for Kiambu Water and Sewerage Co. Ltd.					
Consumer Categories	Consumption Block	Current	Consumption	Proposed Tariff	% Change
	(m3)	(KSh/M ³)	(m3)	(KSh/M3)	
Domestic/Residential	1-6	71	1-6	91	28%
	7-20.	118	7-20.	136	15%
	21-50	123	21-50	140	14%
	51-100	130	51-100	143	10%
	101-300	135	101-300	145	7%
	>300	156	>300	160	3%
Multi- Dwelling Units		125	Per M3	136	9%
Commercial/Industrial	1-50	118	1-50	140	19%
	51-100	130	51-100	143	10%
	101-300	135	101-300	145	7%
	>300	156	>300	160	3%
Government/Institutions	1-50	118	1-50	140	19%
	51-100	130	51-100	143	10%
	101-300	135	101-300	145	7%
	>300	156	>300	160	3%
Public Schools, Colleges, and Universities	1-600	83	1-600	95	14%
	601-1200	104	601-1200	130	25%
	>1200m3	125	>1200m3	155	24%
Unique Consumer Categories	Kiosks & Yard Taps	35	Per M3	70	100%
	Water Projects	50	Per M3	70	40%
	Bulk Supply to Public	n/a	Per M3	55	

Customers with non-functional meters shall be billed based on the average of the last three months' bills

3.0 Sewerage Tariff Structure for the period 2026/2027 to 2028/2029

Proposed Tariff for Kiambu Water and Sewerage Co. Ltd.					
Consumer Categories	Consumption Block	Current Tariff	Consumption Block	Proposed Tariff	% Change
	(m3)	(KSh/M ³)	(m3)	(KSh/M3)	
Domestic/Residential	1-6	45	1-6	58	29%
	7-20.	65	7-20.	67	3%
	21-50	75	21-50	78	4%
	51-100	80	51-100	83	4%
	101-300	90	101-300	92	2%
	>300	100	>300	103	3%
Multi- Dwelling Units		65	Per M3	67	3%
Commercial/Industrial	1-50	74	1-50	77	4%
	51-100	80	51-100	84	5%
	101-300	90	101-300	95	6%
	>300	100	>300	103	3%
Government/Institutions	1-50	74	1-50	77	4%
	51-100	80	51-100	84	5%
	101-300	90	101-300	95	6%
	>300	100	>300	103	3%
Public Schools, Colleges, and Universities	1-600	60	1-600	62	4%
	601-1200	70	601-1200	73	5%
	>1200m3	80	>1200m3	85	6%

a) Consumers with a Water Connection

Sewerage will be charged at 75% of the water volume, billed at the specified Sewerage tariff (in 3.0 above), for all customer categories.

b) Consumers without a Water Connection

Sewerage consumers without a water connection shall be charged as follows:

- Single dwelling Domestic unit: Ksh. 350 Per Month
- All other categories: 75% of the Volume of water consumed as per the metered source at the rates specified (in 3.0) above.

4.0 Indexation

The utility's tariffs for water and sewerage shall be eligible for annual indexation as per the regulations of the Water Services Regulatory Board (WASREB). The inflation adjustment shall take effect after a full year of implementation, on the 15th day of July each year, and shall remain in force until the 14th day of July the following year.

5.0 Miscellaneous Charges

These shall be charged as per the approved miscellaneous charges approved by WASREB.

Item/ Service	Charge (Ksh.)
Water Deposit	
Category of consumer	
Domestic	2500

Item/ Service	Charge (Ksh.)
Retail shops less than 10m ³	3000
Retail shops more than 10m ³	3,500
Bar and restaurants less than 15 m ³	4000
Bar and restaurants more than 15 m ³	6,000
Hotel class "A" and "B" less than 150 m ³	12,000
Hotel class "A" and "B" more than 150 m ³	15000
Hotel class "C" and 'D' less than 150 m ³	18000
Hotel class "C" and 'D' more than 150 m ³	20,000
Hospitals and Health centres more than 150 m ³	20,000
Hospitals and Health centres less than 150 m ³	12,000
Schools and other institutions more than 200 m ³	20,000
Schools and other institutions less than 200 m ³	10,000
Minor construction sites of more than 200 m ³	15,000
Major construction sites more than 300 m ³	50,000
Light industries less than 200 m ³	30,000
Medium industries between 200 m ³ and 300 m ³	50,000
Heavy industries of more than 300 m ³	100,000
Water Kiosks	5,000
Customers with only sewer connection are to be charged a deposit equivalent to a water connection	
Other Charges	
Service	
New water connection fee – Connection size: ½ inch to 1 inch	2,500
New water connection fee – Connection size: 1.5 inches to 3 inches	7,500
New water connection fee – Connection size above 3inches	15,000
Water Reconnection fee – at meter point	1,000
Water Reconnection fee – at mains	5,000 and double deposit
Tanker – 8000 & 16,000 litres	2,500 & 5,000 respectively per tanker within the WSP area for all consumers
Sale of water per M ³ at Browsing Point (own tanker)	136
Replacement of stolen or damaged meters	100% of the market cost of the meter
Meter testing on request	500
Special meter reading under customer's request	500
Sewer Connection- Residential/ Domestic	5,000
Sewer Connection- Commercial, Government, Schools, Universities, and Colleges	7,500
Sewer Connection- Industrial	15,000
Private sewer unblocking	2,500
Leak detection services	1,000
Sewer Reconnection fee	15,000
Printing of the customer's statement on their own request	200
For cutting off the supply at the request of the consumer	200
For turning on the supply otherwise than in respect of a first connection	200
Exhauster Services (Company Exhauster)	5,000 for other customers and 4,000 for informal settlements
Private Exhausters (Dumping into the company's sewer system)	15,000 per Truck per month
Penalties	
Illegal water connection -Commercial, Industry, Construction (Fraud)	100,000 plus estimated consumption during the period of illegality
Illegal water connection (Fraud) – Domestic	30,000 plus estimated consumption during the period of the illegality
Overcharging (fraud) at the water kiosk	15,000
Illegal sewer connection- Commercial, Industry, Construction	100,000
Illegal sewer connection- Domestic, Government, Schools, Universities &	30,000
Self-reconnection after cut-off for non-payment	5,000, and billing to be backdated from the date of the cut-off
Surcharge for tampering with meters (this includes meter removal, reversing)	5,000
Surcharge for direct suction of water from the supply line using a pump	10,000

6.0 Service Delivery Conditions attached to the Tariff.

The conditions attached to this approval, which shall form part of the license conditions of Kiambu Water & Sewerage Company Ltd, are:

Target	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029
Water Coverage (%)	83%	84%	85%	86%	87%
Sewerage Coverage (%)	25%	28%	31%	34%	37%
Water quality standards (%)	100%	100% Compliance with Standards			
Personnel Expenditure as % of O&M	35%	40%	38%	36%	35%
Non-Revenue Water	32%	31%	30%	28%	26%
Hours of Supply (Hrs.)	21	21	22	22	23
Staff per 1000 connections	6	6	5	5	5
Metering ratio (%)	100%	100%	100%	100%	100%
Collection Efficiency (%)	91%	92%	94%	95%	95%
Resale at Kiosk	Ksh. 2.00 per 20L Jerry Can		Ksh. 3.00 per 20L Jerry Can		

6.1 Other Conditions

- i. **Annual budgets:** The utility shall adhere to the budgetary levels set in the tariff.
- ii. **Catchment Protection:** The utility shall undertake measures to conserve/protect the catchment areas of their sources of water as part of corporate Social Responsibility
- iii. **Surpluses:** The surpluses realised during the tariff period shall be used to implement priority service delivery capital projects approved by WASREB
- iv. **Creation of distinct water and sewer cost centres:** KIAWASCO shall ensure it creates separate water and sewer cost centres and maintains a distinct record of operations of the two centres
- v. **Reporting:** The utility shall submit quarterly performance reports to WASREB in the prescribed format.
- vi. **Debt Repayment:** KIAWASCO shall remit monthly loan repayment as detailed below to AWWDA;

Particulars	2026/2026	2027/2028	2028/2029
WASSIP-AF (Monthly Repayment amount-KSh.)	1,771,535.19	1,771,535.19	1,771,535.19
AfDB-Loan (Monthly Repayment amount-KSh.)	1,250,822.40	2,501,644.79	3,752,467.19
Total Recommended monthly repayment (Ksh)	3,022,357.58	4,273,179.98	5,524,002.37

Evidence of loan repayment to AWWDA shall be submitted to WASREB monthly by the 10th day of the following month.

- vii. **Investments:** The utility shall undertake the investments as follows: -

KIAMBU WATER & SEWERAGE COMPANY - INTERNALLY FUNDED INVESTMENTS						
2026-2027						
TARGETTED INVESTMENT	PROJECT AREA	DESCRIPTIONS	UNIT	UNIT COST	QUANTITY	COST (KSH)
A. water extensions	Tinganga ward	installation of assorted 5km 110mm HDPE pipelines	m	8,000	1,025	8,200,000
		Installation of 10 km 63mm HDPE line	m	10,000	350	3,500,000
		installation of assorted 6km 25mm HDPE pipelines	m	6,000	180	1,080,000
	Ndumeri ward	installation of assorted 2km 90mm HDPE pipelines	m	2,000	600	1,200,000
		installation of assorted 4km 63mm HDPE pipelines	m	4,000	350	1,400,000
		installation of assorted 3km 40mm HDPE pipelines	m	3,000	220	660,000
	Sub -Total					16,040,000
B.NRW Reduction Plan	To reduce NRW from 32% to 30%	Replacement of faulty consumer water meters	No	6,000	900	5,400,000
		Replace faulty fittings at the consumer meter point	No	4,500	900	4,050,000
	Sub -Total					9,450,000
C. Sewer Improvement	Rehabilitation of sewer system to improve services.	Replacement of broken manhole covers	no	35,000	12	420,000
		Replacement of faulty sewer networks	m	1,500	4,000	6,000,000
		Replacement of faulty sewer bearings	No	1	230,000	230,000
		Extension & replacement of faulty sewer lines	No	1,500	4,200	6,300,000
Sub -Total					12,950,000	
D. Rehabilitation of Service Lines	tinganga ward	Replacement of 50mm diameter upvc water pipes	m	3,500	300	1,050,000
		Replacement of 90mm UPVC water supply networks	m	1,200	600	720,000
		Replacement of 25mm GI & UPVC water pipes	m	5,000	150	750,000
	tinganga ward	Replacement of 20mm GI & UPVC water pipes	m	4,500	100	450,000
		Replace faulty gate valves 50mm	no	9,500	20	190,000

		Replace faulty gate valves 90mm	no	15,500	5	77,500
	Riabai ward	Replace faulty gate valves 110mm	no	25,000	2	50,000
		Replace faulty gate valves 40mm	no	7,500	30	225,000
		Replace faulty gate valves 20mm	no	1,800	100	180,000
		Replace faulty gate valves 15mm	no	1,200	180	216,000
		Sub Total				
E. Capital Works	KIAMBU town					
		Lab equipment (calorimeter)	no	1.00	950,000.00	950,000.00
		Survey equipment -Total station	no	1.00	1,000,000.00	1,000,000.00
		Double Cab Pickup	no	2.00	5,000,000.00	10,000,000.00
		Furniture set - Desk & Chair	no	6.00	30,000.00	180,000.00
		Steel file Cabinets	no	6.00	30,000.00	180,000.00
		Paper shredder	no	1.00	80,000.00	80,000.00
		Digital cameras	no	1.00	250,000.00	250,000.00
		Standby Generator	no		1,100,000.00	-
		Intercom: Switch Board & Headsets	no	1.00	450,000.00	450,000.00
		Billing Software/ERP system - Module 1 Billing and CRM	no	0.00	5,000,000.00	-
		Motorbikes	no	6.00	250,000.00	1,500,000.00
		Computers	no	2.00	250,000.00	500,000.00
		Laptops	no	4.00	180,000.00	720,000.00
			Sub Total			
Water treatment/water quality	Kiambu	Coagulants	Kg	34,000.00	105.00	3,570,000.00
		Disinfectants	Kg	8,500.00	400.00	3,400,000.00
		water quality reagents	unit	1.00	500,000.00	500,000.00
		Sub Total				
Totals-2026/2027						65,628,500.00
2027-2028						
TARGETTED INVESTMENT	PROJECT AREA	DESCRIPTIONS	UNIT	UNIT COST	QUANTITY	COST (KSH)
A. water extensions	Tinganga ward	installation of assorted 5km 110mm HDPE pipelines	m	9,000	1,025	9,225,000

		Installation of 5 km 63mm HDPE line	m	8,000	350	2,800,000	
		installation of assorted 6km 25mm HDPE pipelines	m	5,000	180	900,000	
		Ndumeri ward	installation of assorted 2km 90mm HDPE pipelines	m	2,000	600	1,200,000
			installation of assorted 4km 63mm HDPE pipelines	m	4,000	350	1,400,000
			installation of assorted 3km 40mm HDPE pipelines	m	3,000	220	660,000
		Sub -Total					16,185,000
B.NRW Reduction Plan	To reduce NRW from 30% to 29%	Replacement of faulty consumer water meters	No	6,000	900	5,400,000	
		Replace faulty fittings at the consumer meter point	No	4,500	900	4,050,000	
	Sub -Total					9,450,000	
C. Sewer Improvement	Rehabilitation of sewer system to improve services.	Replacement of broken manhole covers	no	35,000	15	525,000	
		Replacement of faulty sewer networks	m	1,800	4,300	7,740,000	
		Replacement of faulty sewer bearings	No	5	230,000	1,150,000	
	Sub Total					9,415,000	
D. Rehabilitation of Service Lines	Kiambu town	Replacement of 110mm diameter upvc water pipes	m	1,500	1,400	2,100,000	
		Replacement of 90mm UPVC water supply networks	m	2,000	900	1,800,000	
		Replacement of 25mm GI & UPVC water pipes	m	3,000	150	450,000	
	Kiambu town	Replacement of 20mm GI & UPVC water pipes	m	4,500	100	450,000	
		Replace faulty gate valves 50mm	no	9,500	20	190,000	
		Replace faulty gate valves 40mm	no	15,500	5	77,500	
	Kiambu town	Replace faulty gate valves 20mm	no	25,000	2	50,000	
		Replace faulty gate valves 15mm	no	7,500	30	225,000	
	Sub -Total					4,350,000	
E. Capital Works	KIAMBU	Solarisation of Kamiti system	No	1,200	5,000	6,000,000	
		Lab equipment (portable PH meter & turbidimeters)	no	1	650,000	650,000	
		Survey equipment -Total station	no	1	1,000,000	1,000,000	

		Double Cab Pickup	no	1	5,000,000	5,000,000
		Furniture set - Desk & Chair	no	6	30,000	180,000
		Steel file Cabinets	no	6	30,000	180,000
		Paper shredder	no	1	80,000	80,000
		Digital cameras	no	1	250,000	250,000
		Standby Generator	no		1,100,000	-
		Intercom: Switch Board & Headsets	no	1	450,000	450,000
		Billing Software/ERP system - Module 1 Billing and CRM	no	1	5,000,000	5,000,000
		Motorbikes	no	6	250,000	1,500,000
		Computers	no	5	250,000	1,250,000
		Laptops	no	5	180,000	900,000
	Sub -Total					22,440,000
F. water treatment/water quality		Coagulants	Kg	36,000.00	110.00	3,960,000.00
		Disinfectants	Kg	8,700.00	410.00	3,567,000.00
		water quality reagents	unit	1.00	450,000.00	450,000.00
		water quality equipment	unit	1	1,500,000	1,500,000.00
	Sub -Total	Total				9,477,000
Totals-2027/2028						71,317,000
2028-2029						
TARGETTED INVESTMENT	PROJECT AREA	DESCRIPTIONS	UNIT	UNIT COST	QUANTITY	COST (KSH)
	Kiambu township ward	installation of assorted 5km 90mm HDPE pipelines	m	5,000	600	3,000,000
		installation of assorted diameters 110mm 2km HDPE	m	1,000	1,025	1,025,000
		installation of assorted diameters 160mm 2km HDPE	m	700	2,700	1,890,000
		installation of assorted 5km 63mm HDPE pipelines	m	5,000	350	1,750,000
		installation of assorted 6km 25mm HDPE pipelines	m	5,000	180	900,000
A. water extensions		installation of assorted 3km 20mm HDPE pipelines	m	3,500	100	350,000

	Riabai ward	installation of 5km assorted 40mm HDPE pipeline	m	1,500	200	300,000
		installation of 5km assorted 20mm HDPE pipeline	m	3,000	100	300,000
		new water consumer water meters to install in the newly extended water pipelines	no	1,200	6,000	7,200,000
		fittings to install a new water meter	no	1,200	4,500	5,400,000
	Sub -Total					
B.NRW Reduction Plan	To reduce NRW from 28% to 27%	Replacement of faulty consumer water meters	No	6,000	900	5,400,000
		Replace faulty fittings at the consumer meter point	No	4,500	900	4,050,000
	Sub -Total					
C. Sewer Improvement	Rehabilitation of sewer system to improve services.	Replacement of broken manhole covers	no	35,000	20	700,000
		Replacement of faulty sewer networks	m	3,000	4,000	12,000,000
		Replacement of faulty sewer bearings	No	5	230,000	1,150,000
	Sub Total					
D. Rehabilitation of Service Lines	Entire Service Area	Replacement of 50mm diameter upvc water pipes	km	5,000	250	1,250,000
		Replacement of 90mm UPVC water supply networks	km	1,500	600	900,000
		Replacement of 25mm GI & UPVC water pipes	km	3,000	180	540,000
		Replacement of 20mm GI & UPVC water pipes	km	4,500	100	450,000
		Replace faulty gate valves 50mm	no	5,000	9	45,000
		Replace faulty gate valves 40mm	no	2,500	10	25,000
		Replace faulty gate valves 20mm	no	1,200	100	120,000
	Replace faulty gate valves 15mm	no	1,000	300	300,000	
Sub Total					-	3,630,000
E. Capital Works		Solarisation of town hall)	No	1	3,000,000	3,000,000
		Lab equipment (wastewater reagents)	no	1	1,300,000	1,300,000
		Survey equipment -Total station	no	1	1,000,000	1,000,000
		Furniture set - Desk & Chair	no	12	45,000	540,000
		Steel file Cabinets	no	6	30,000	180,000
		Paper shredder	no	1	80,000	80,000

		Digital cameras	no	1	250,000	250,000
		Standby Generator	no	1	1,100,000	1,100,000
		Intercom: Switch Board & Headsets	no	1	450,000	450,000
		Billing Software/ERP system - Module 1 Billing and CRM	no	1	5,000,000	5,000,000
		Motorbikes	no	8	250,000	2,000,000
		Computers	no	8	250,000	2,000,000
		Laptops	no	5	180,000	900,000
	Sub Total					17,800,000
F. water treatment / water quality		Coagulants	Kg	37,000	50	1,855,000
		Disinfectants	Kg	9,000	415	3,735,000
		water quality reagents	unit	1	750,000	750,000
		water quality equipment	unit	1	1,800,000	1,800,000
	Sub Total					8,140,000
Totals-2028/2029						74,985,000