

Purchase of Test Kits (2 No.)	-	100,000	-
Reduction of NRW			
Replacement of Customer Meters (150 No.)	225,000	225,000	225,000
Purchase of Tools& Equipment: -			
Pipe Locator (1 No.)	-	200,000	-
Leak Detector (1 No.)	-	700,000	-
Listening Stick (1 No.)	-	200,000	-
Purchase and Installation of Master Meters (10 No.)	141,022	352,555	211,533
TOTALS	1,416,022	2,377,555	961,533

JULIUS K. ITUNGA,
Ag. Chief Executive Officer.

MR/4245732

GAZETTE NOTICE NO. 1305

THE WATER ACT

(No. 43 of 2016)

KERICHO WATER AND SANITATION COMPANY

APPROVED TARIFF STRUCTURE FOR THE PERIOD 2022/2023 to 2024/2025

Kericho Water and Sanitation Company (KEWASCO) applied to the Water Services Regulatory Board (WASREB) for a review of tariffs for water services, for the period 2022/2023 to 2024/2025 as per section 72 (1) b of the Water Act, 2016.

Public consultation on the KEWASCO application was carried out in accordance with the requirements of section 139 of the Water Act 2016.

After considering the application, the written and oral submissions by all stakeholders during the consultation period, and based on latest available data, WASREB has determined an upward tariff review for KEWASCO is justified to improve service delivery, operate sustainably and protect consumer interests by meeting the tariff conditions attached to the tariff.

WASREB gives a one (1) months' notice to all existing and potential customers of KEWASCO that the approved tariffs for the three financial years 2022/23, 2023/24, and 2024/25 shall be as follows:

1.0 Approved Tariff Structure

1.1 Water Tariff Structure for the period 2022/2023 to 2024/2025

Customer Category	Approved	
	Consumption Block in M ³	Tariff (KSh/M ³)
Domestic/Residential	1-6	50
	7-20	88
	21-50	95
	51-100	110
	101-300	125
	>300	145
Commercial/Industrial	1-50	88
	51-100	110
	101-300	125
	>300	145
Government	1-50	88
	51-100	110
	101-300	125
	>300	145
Schools, Universities and Colleges	1-600	53
	601 - 1200	88
	>1200	90
Bulk Water Supply	Per M ³	35
Multi- Dwelling Units	Per M ³	90
Water Kiosks	Per M ³	35

1.2 Sewerage Tariff Structure for the Period 2022/2022 to 2024/2025

(a) Consumers with a Water Connection

Sewerage will be charged at 75% of the water volumes, billed at the tariff for water specified (in 1.1) 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. 300 per month
- All other categories: 75% of the Volume of water consumed as per the metered source at the rates specified (in 1.1) above.

Note: All disconnected accounts (water only, sewer only and water + sewer shall be charged based on the average of the last three months' charges before the disconnection.

1.3 Miscellaneous Charges

These shall be as follows:

Item/ Service	Charge (KSh.)
Water Deposit	
Category of Consumer	
Domestic	2,500
Retail shops less than 10m ³	3,000
Retail shops more than 10m ³	3,500
Bar, restaurants less than 15 m ³	4,000
Bar, 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	15,000
Hotel class "C" and "D" less than 150 m ³	18,000
Hotel class "C" and "D" more than 150 m ³	20,000
Hospitals more than 150 m ³	20,000
Health centres less than 150 m ³	12,000
Schools and other institutions more than 200 m ³	20,000
Schools less than 200 m ³	10,000
Minor construction sites 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 industrial between 200 m ³ and 300 m ³	50,000
Heavy industries more than 300 m ³	100,000
Water Kiosks	5,000
Customers with only sewer connection to be charged a deposit equivalent to 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 3 inches	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 KEWASCO area for all consumers
Sale of water per m ³ at bowing point (own tanker)	90
Replacement of stolen or damaged meters	100% of the market cost of the meter
Meter testing on request	500

Item/ Service	Charge (KSh.)
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
Statement of account fees	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 the illegality
Illegal water connection, (Fraud) – Domestic	30,000 plus estimated consumption during the period of the illegality
Overcharging (fraud) at water kiosk	15,000
Illegal sewer connection- Commercial, Industry, Construction	100,000
Illegal sewer connection- Domestic, Government, schools, Universities and Colleges	30,000
Self-reconnection after cut off for non-payment	5,000 and billing to be backdated from date of cut off
Surcharge for tampering with meters (this to include meter removal, reversing of meter etc)	10,000
Surcharge for direct suction of water from the supply line using a pump	10,000

2.0 Analysis of Cost Structure

Below is the summary of the projected Annual cost structure that makes up the total costs to be incurred by KEWASCO during the tariff period:

Expenditure Item	Base Year 2020/21	2021/22	2022/23	2023/24	2024/25
Operations	194,832,623	218,905,764	265,026,572	290,139,270	311,994,099
Maintenance	13,070,062	14,767,526	15,756,976	17,116,518	18,409,529
Regulatory Levy	9,528,032	7,317,599	9,532,647	10,306,762	11,316,000
Other Levies	2,023,647	2,506,519	2,873,127	3,091,104	3,391,029
Total O&M Costs	219,454,364	243,497,408	293,189,321	320,653,653	345,110,658
Minor Investments	13,540,794	7,896,833	29,045,867	50,204,901	19,741,575
Total Costs	232,995,158	251,394,241	322,235,188	370,858,554	364,852,233
Total Billing (KSh)	200,429,310	264,069,888	349,858,194	430,743,304	439,109,074
Collection Efficiency (%)	97%	95%	95%	95%	95%
Projected Revenue	194,416,431	250,866,394	332,365,285	409,206,138	417,153,620
O&M Cost Coverage	89%	103%	113%	128%	121%
Total Cost Coverage	83%	100%	103%	110%	114%

3.0 Conditions attached to the Tariff Approval

The conditions attached to this approval which shall form part of the license conditions of Kericho Water and Sanitation Company are:

(i) Service Delivery Conditions attached to the Tariff.

Target	2021/2022	2022/2023	2023/2024	2024/2025
Water Coverage (%)	37	38	39	40
Water quality standards (%)	100% Compliance with Water Quality Standards			
Personnel Expenditure as % of O&M	60	53	53	53
Non-Revenue Water	50%	44%	42%	40%
Hours of Supply (Hrs.)	21	24	24	24
Staff per 1000 connections	8	7	6	5
Maintenance Expenditure as % of O&M	6%	8%	9%	11%
Metering ratio (%)	62	85	100	100
Collection Efficiency (%)	98	95	95	95
Resale at Kiosk	Regulate resale by kiosk vendors at KSh. 2 per 20-litres. Tariffs at kiosks must be displayed at strategic points for public awareness			

- (ii) Annual budgets: The utility shall adhere to the budgetary levels set in the tariff.
 - (iii) Surpluses: the surpluses projected to be realised shall be set aside to implement priority service delivery capital projects. KEWASCO shall be required at the end of every financial year to identify the priority project to be implemented and obtain approval from WASREB.
 - (iv) Catchment Protection: The utility shall undertake measures to conserve/ protect the catchment areas of their source of water as part of Corporate Social Responsibility.
 - (v) Reporting: The utility shall submit to WASREB a quarterly performance report in the format provided.
 - (vi) Customer re- categorisation for billing: KEWASCO will separate individual domestic accounts from Multi-Dwelling Units accounts and migrate consumer billing data within the first 3 months of tariff approval and implementation of the tariff. The detailed report should be submitted to WASREB.
- Pursuant to this, the WSP shall bill all MDU / Gated communities at the recommended MDU/ Gated Community tariff for Water, Sewerage and other Miscellaneous charges specified in this tariff.
- (vii) Ring-Fencing of Capital Expenditure: The WSP to open a separate account for capital component of the tariff, to deposit the appropriate share of revenue into this account which is only to be used for capital expenditure and repayment of loans as provided for in the approved tariff.
 - (viii) Creation of distinct water and sewer cost centres: KEWASCO will ensure it creates separate water and sewer cost centres and maintains distinct record of operations of the two centres.
 - (ix) Tariff Assessment: WASREB will carry out a tariff implementation review within the first 12 months of approval and implementation during which a joint assessment with the utility on the trend in Billing (Ksh) shall be carried out and status of implementation of the tariff evaluated.
 - (x) Investments: The utility shall undertake the investments in Annex 1:

Annex 1—INVESTMENTS

ANNEX 1: -RECOMMENDED INVESTMENTS BY KEWASCO FOR THE PERIOD 2022/2023 – 2024/2025				
Thematic Area	Activity	2022/2023	2023/2024	2024/2025
1. Increased Access to Water and Sanitation Services				
1.1 Metering	Purchase of Water Meters for	4,320,000	4,320,000	4,320,000

ANNEX 1: -RECOMMENDED INVESTMENTS BY KEWASCO FOR THE PERIOD 2022/2023 – 2024/2025				
Thematic Area	Activity	2022/2023	2023/2024	2024/2025
	new connections			
	Urban	1,296,000	1,296,000	1,296,000
	Rural	3,024,000	3,024,000	3,024,000
1.2 Network Extensions	Last Mile Connectivity for 13 Sublocations each 2km length of pipeline. (Urban)	4,669,093	15,563,645	-
Sub-Total		8,989,093	19,883,645	4,320,000
2. Non - Revenue Water Management				
2.1 Active leakage control	Replace of dilapidated water lines with HDPE: Fort Tenan; Kapkakate; Kapsoit	1,638,898	4,163,781	
	Restoration of interrupted water supply in areas with damaged infrastructure.	1,433,794	1,433,794	1,433,794
2.2 Performance Indicators	Measurement of physical losses through MNF Measurements	1,248,400	882,000	926,100
2.3 Water Balance, Flow and Pressure Monitoring, Mapping	Installation of master/bulk meters at all system input locations.	700,000		
	Replacement of the malfunctioning system input bulk meters.		1,600,000	
	Procurement Installation and use of pressure gauges and pressure recorders at different location in the supply zones.		1,450,000	
	Installation of Pressure Reducing Valves (PRVs)		1,362,000	
	Totally isolating zones from adjacent zones where water can be temporarily closed using gate	2,315,682	2,315,682	2,315,682

ANNEX 1: -RECOMMENDED INVESTMENTS BY KEWASCO FOR THE PERIOD 2022/2023 – 2024/2025				
Thematic Area	Activity	2022/2023	2023/2024	2024/2025
	valves and where volume supplied and billed measured. Purchase additional sluice valves and master meters.			
	Procure High Resolution Imagery	-	500,000	-
	Procure additional GPS machines and Trimble-Juno		750,000	
	Pipe replacement in locations beyond repair/prone to constant damages. This will be informed by monthly job card reports analysis in GIS. Start with identified 85KM of uPVC with HDPE	5,000,000	5,000,000	2,500,000
2.4 Leak Repair Records	Operations Manager WDM, to introduce leak, no water and burst occurrence book for all Areas from which jobs will be assigned to Area Managers.	210,000		
2.5 Customer Metering	Purchase of meters for metering of unmetered connection.	1,750,000	3,500,000	3,500,000
	Perform Meter testing using bucket method and Portable Meter Testing Kit.	300,000	600,000	
	Replace all non-functional meters (static/stalled, damaged).	760,000	1,264,000	432,000

ANNEX 1: -RECOMMENDED INVESTMENTS BY KEWASCO FOR THE PERIOD 2022/2023 – 2024/2025				
Thematic Area	Activity	2022/2023	2023/2024	2024/2025
	Replace all class B meters with class C meters	2,450,000	2,550,000	2,864,000
	Improve mobile meter reading.	150,000	150,000	150,000
Sub-Total		17,956,773	27,521,257	14,121,575
3.Enhanced organisational capacity				
3.1 Automation of Operational Processes	Automate and integrate ICT in all business processes like Management Information System (MIS), Human Resource Information System and Geographical Information System (GIS)	500,000	250,000	250,000
3.2 Management of Human Resources	Re-introduction of job-cards and procurement of e-timesheet system for office and field staff	1,000,000	750,000	750,000
Sub-Total		1,500,000	1,000,000	1,000,000
4. Provision of Services to Poor/Marginalised Areas				
4.1 Kiosk Management	Pilot pre-paid meters for existing kiosks (every customer has token)	-	1,800,000	300,000
4.2 Distinct Network Extensions	Extension of a sewer line Towett Area	600,000	-	-
Sub-Total		600,000	1,800,000	300,000
Grand Total		29,045,867	50,204,901	19,741,575

MR/4245732

JULIUS K. ITUNGA,
Ag. Chief Executive Officer.

GAZETTE NOTICE NO. 1306

THE WATER ACT

(No. 43 of 2016)

KIAMBU WATER AND SANITATION COMPANY

APPROVED TARIFF STRUCTURE FOR THE PERIOD 2022/2023 TO 2024/2025

Kiambu Water and Sanitation Company (KIAWASCO) applied to the Water Services Regulatory Board (WASREB) for a review of tariffs for water services, for the period 2022/2023 to 2024/2025 as per section 72 (1) b of the Water Act, 2016.

Public consultation on the KIAWASCO application was carried out in accordance to the requirements of section 139 of the Water Act, 2016.

After considering the application, the written and oral submissions by all stakeholders during the consultation period, and based on latest available data, WASREB has determined an upward tariff review for KIAWASCO is justified in order to improve service delivery, operate sustainably and protect consumer interests by meeting the tariff conditions attached to the tariff.

WASREB gives a one (1) months' notice to all existing and potential customers of KIAWASCO that the approved tariffs for the three financial years 2022/23, 2023/24, and 2024/25 shall be as follows:

1.0. Approved Tariff Structure

1.1 Water Tariff Structure for the period 2022/2023 to 2024/2025

Customer Category	Approved	
Domestic/Residential	Consumption Block in M ³	Tariff (KSh/M ³)
	1-6	68
	7-20	113
	21-50	118
	51-100	125
	101-300	130
	>300	150
Commercial/Industrial		
	1-50	113
	51-100	125
	101-300	130
	>300	150
Government Institutions		
	1-50	113
	51-100	125
	101-300	130
	>300	150
Schools, Universities and Colleges		
	1-600	80
	601 - 1200	100
	>1200	120
Bulk Water Supply/Water Projects	Per M ³	50
Multi- Dwelling Units	Per M ³	120
Water Kiosks	Per M ³	35

1.2 Sewerage Tariff Structure for the period 2022/2022 to 2024/2025

(a) Consumers with a Water Connection

Customer Category	Approved Tariff	
Domestic	Consumption Block in m ³ (75 % of water consumed)	Tariff
	1-6	45
	7-20	65
	21-50	75
	51-100	80
	101-300	90
	>300	100
Commercial/industrial/Government		
	1-50	74
	51-100	80
	101-300	90
	>300	100
Schools, Universities and colleges		
	1-600	60