

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 <sup>3</sup>	Tariff (KSh/M <sup>3</sup> )
	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 <sup>3</sup>	50
Multi- Dwelling Units	Per M <sup>3</sup>	120
Water Kiosks	Per M <sup>3</sup>	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 <sup>3</sup> (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

Customer Category	Approved Tariff	
	601 - 1200.	70
	>1200	80
Multi dwelling Units	Per M <sup>3</sup>	65

## (b) Consumers without a Water Connection

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

- Domestic (Per Single dwelling 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 1.2(a)) 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.)
<b>Water Deposit</b>	
<i>Category of Consumer</i>	
Domestic	2,500
Retail shops less than 10m <sup>3</sup>	3,000
Retail shops more than 10m <sup>3</sup>	3,500
Bar, restaurants less than 15 m <sup>3</sup>	4000
Bar, restaurants more than 15 m <sup>3</sup>	6,000
Hotel class "A" and "B" less than 150 m <sup>3</sup>	12,000
Hotel class "A" and "B" more than 150 m <sup>3</sup>	15,000
Hotel class "C" and "D" less than 150 m <sup>3</sup>	18,000
Hotel class "C" and "D" more than 150 m <sup>3</sup>	20,000
Hospitals more than 150 m <sup>3</sup>	20,000
Health centres less than 150 m <sup>3</sup>	12,000
Schools and other institutions more than 200 m <sup>3</sup>	20,000
Schools less than 200 m <sup>3</sup>	10,000
Minor construction sites more than 200 m <sup>3</sup>	15,000
Major construction sites more than 300 m <sup>3</sup>	50,000
Light industries less than 200 m <sup>3</sup>	30,000
Medium industrial between 200 m <sup>3</sup> and 300 m <sup>3</sup>	50,000
Heavy industries more than 300 m <sup>3</sup>	100,000
Water Kiosks	5,000
Customers with only sewer connection to be charged a deposit equivalent to water connection	
<b>Other Charges</b>	
<i>Service</i>	
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 KIAWASCO area for all consumers
Sale of water Per M <sup>3</sup> at bowing point (own tanker)	120
Replacement of stolen or damaged meters	100% of the market cost of the meter
Meter testing on request	500
Sewer Connection- Residential/ Domestic	5,000

Item/ Service	Charge (KSh.)
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
<b>Penalties</b>	
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 KIAWASCO during the tariff period:

Expenditure Item	Base Year 2020/2021	2021/2022	2022/2023	2023/2024	2024/2025
Operations	126,272,548	151,754,400	172,838,360	196,042,822	223,862,811
Maintenance	64,448,155	45,355,800	47,361,518	50,046,113	51,772,621
Regulatory Levy	7,685,375	10,401,336	12,439,441	13,928,235	14,664,296
Other Levies	1,710,493	2,640,000	3,036,000	3,491,400	4,015,110
Total O&M Costs (Ksh)	200,116,571	210,151,536	235,675,319	263,508,570	294,314,838
Minor Investments	2,571,400	38,130,000	47,929,750	44,451,750	42,516,250
Debt Repayment	-	-	22,601,773	22,389,881	22,177,990
Total Costs (Ksh)	202,687,971	248,281,536	306,206,842	330,350,201	359,009,078
Total Billing (KShs)	212,043,661	260,033,405	310,986,024	348,205,886	383,925,038
Collection Efficiency (%)	89%	89%	95%	95%	95%
Projected Revenue (Ksh)	188,718,858	231,429,730	295,436,723	330,795,592	364,728,786
O&M Cost Coverage (%)	94%	110%	125%	126%	124%
Total Cost Coverage (%)	93%	93%	96%	100%	102%

## 3.0 Conditions attached to the Tariff Approval

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

- Service Delivery Conditions attached to the Tariff

Target	2021/2022	2022/2023	2023/2024	2024/2025
Water Coverage (%)	80	82	84	86
Water quality standards (%)	100% Compliance with Water Quality Standards			
Non-Revenue Water (%)	35	33	31	29
Hours of Supply (Hrs.)	18	20	22	24
Staff per 1000 connections	6	5	5	5
Metering ratio (%)	100	100	100	100
Collection Efficiency (%)	93	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. KIAWASCO 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) Creation of distinct water and sewer cost centres: KIAWASCO will ensure it creates separate water and sewer cost centres and maintains distinct record of operations of the two centres.
- (vii) Customer re- categorisation for billing: KIAWASCO 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.

- (viii) 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.
- (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.

Additionally, an assessment will be carried out on progress of the separate water and sewer cost centres and maintenance of distinct record of operations of the two centres.

- (x) Debt Repayment: KIAWASCO will shall remit monthly loan repayments as detailed below:

KIAWASCO Loan Repayment Plan	Year 0	Year 1	Year 2	Year 3
	2021/2022	2022/2023	2023/2024	2024/2025
Recommended debt repayment per annum	-	22,601,773	22,389,881	22,177,990

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

- (xi) Investments: The utility shall undertake the investments in Annex 1

#### ANNEX 1—INVESTMENTS

SUMMARY OF CAPITAL INVESTMENTS TO BE CARRIED OUT BY KIAMBUR WATER AND SANITATION COMPANY LIMITED FOR THE PERIOD 2022/23 – 2024/25			
Recommended Investments	2022/2023	2023/2024	2024/2025
Water Meters and New Connections fittings	7,740,000	8,600,000	9,460,000
Meter replacements	5,000,000	5,200,000	5,400,000
Computers	775,000	800,000	825,000
Laptops	775,000	800,000	825,000
Shared Printer	-	-	600,000
Thermal Printer	-	110,000	-
Motorbikes	1,440,000	-	-
Smartphones Rugged	264,000	276,000	300,000
Intercom: Switch Board and Headsets	-	-	500,000
Billing Software/ERP system - Module 1 Billing, CRM and HR	5,000,000	3,500,000	3,500,000
Document Management System	-	-	-
Server	-	-	750,000
Server Cabinet	-	-	-
Centralized Power back up system	-	-	-
Smart TV	-	-	150,000
Public Address system inclusive of a generator	-	-	300,000
Standby Generator	-	-	1,500,000
CCTV - Riara & Kamiti	600,000	1,200,000	-
Paper shredder	-	-	80,000
Solarization of Kamiti intake	-	-	-
Digital cameras	-	120,000	120,000
Furniture set - Desk and Chair	94,500	165,000	105,000
Steel file Cabinets	63,000	66,000	70,000
Double Cab Pickup (3No)	-	5,000,000	5,000,000
Survey equipment -Total station	1,000,000	1,000,000	-
Lab equipment set	750,000	350,000	750,000
Water networks extensions/ rehabilitations (86.5kms)	-	-	-
Ndumburi ward water distribution network (19.9km)	12,147,000	-	-
Kiambu township ward water distribution network (36.1km)	12,281,250	-	12,281,250
Riabai ward water distribution network (12.5km)	-	5,566,250	-
Tinganga ward water distribution network (18km)	-	11,698,500	-
Grand Total	47,929,750	44,451,750	42,516,250

JULIUS K. ITUNGA,  
Ag. Chief Executive Officer.

GAZETTE NOTICE NO. 1307

#### THE WATER ACT

(No. 43 of 2016)

#### KIRINYAGA WATER AND SANITATION COMPANY

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

Kirinyaga Water and Sanitation Company (KIRIWASCO) 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.

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