

new connections			
NRW Reduction			
Procurement of meter reading smart phones (28 No)	-	120,000	120,000
Procurement of Billing System	-	3,000,000	3,000,000
NRW management (Procurement and installation of DN 150mm, PN 16 master meters in Rundu, Kianjogu, githioro, Sagana, Kutus and Kagio DMAs ;DN 150mm, PN 16 master meters in Gacharu Kamuthanga, Kaitheri, Ruiru, Getuya, Mutithi, Gathambi, Baricho and Gakindu DMAs; DN 100 PN 16 master meters for Police line (2) and Kerugoya Market line DMAs.	1,491,600	1,542,600	1,144,200
Purchase of Movable and Immovable Assets			
Procurement of Computers, Printers and Accessories	1,540,000	780,000	520,000
Procurement of motorbikes and motor vehicle	741,600	6,741,600	741,600
Purchase of Office Furniture and Fittings	-	630,000	630,000
Procure lab equipment	739,500	-	-
Totals	12,442,780	20,876,110	41,232,345

JULIUS K. ITUNGA,  
Ag. Chief Executive Officer.

MR/4245732

GAZETTE NOTICE No. 1308

## THE WATER ACT

(No. 43 of 2016)

### LIMURU WATER AND SEWERAGE COMPANY

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

Limuru Water and Sewerage Company (LIWASCO) 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 LIWASCO 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 LIWASCO 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 LIWASCO 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 <sup>3</sup>	Tariff (KSh/M <sup>3</sup> )
Domestic/Residential		

	1-6	90
	7-20	118
	21-50	125
	51-100	135
	101-300	145
	>300	170
Commercial/industrial		
	1-50	118
	51-100	135
	101-300	145
	>300	170
Government		
	1-50	118
	51-100	135
	101-300	145
	>300	170
Schools, Universities and Colleges	1-600	95
	601 - 1200	118
	>1200	155
Bulk Water Supply	Per M <sup>3</sup>	65
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

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.)
<b>Water Deposit</b>	
<b>Category of Consumer</b>	
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>	
<b>Service</b>	

Item/ Service	Charge (KSh.)
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 LIWASCO area for all consumers
Sale of water per m <sup>3</sup> at bowsing 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
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 & 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 LIWASCO during the tariff period:

Expenditure Item	Base Year 2020/21	2021/22	2022/23	2023/24	2024/25
Operations	118,015,644	144,854,851	148,557,558	154,795,739	161,180,286
Maintenance	10,344,272	11,832,524	14,703,132	15,273,101	15,886,197

Regulatory Levy	7,409,210	7,059,378	10,125,387	10,669,234	11,631,974
Minor Investments	-	-	26,918,618	30,300,167	42,557,986
Loan Repayment	-	-	5,828,901	5,828,901	6,417,136
Total Costs	135,769,126	166,603,333	206,133,597	216,867,143	237,673,581
Total Billing (Ksh's)	122,047,690	134,222,408	215,915,895	235,823,729	257,657,622
Collection Efficiency (%)	93%	94%	95%	95%	95%
Projected Revenue	113,138,114	126,384,494	205,120,100	224,032,543	244,774,741
Total Cost Coverage (%)	83%	76%	100%	103%	103%

## 3.0 Conditions attached to the Tariff Approval

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

### (i) Service Delivery Conditions attached to the Tariff

Target	Current Year 2021/22	2022/2023	2023/2024	2024/2025
Water Coverage (%)	78%	80%	82%	84%
Water quality standards (%)	82%	100% Compliance with Water Quality Standards		
Maintenance/O&M	8%	8%	8%	8%
Personnel Expenditure as % of O&M	37%	36%	35%	34%
Non-Revenue Water (%)	34%	33%	32%	31%
Hours of Supply (Hrs)	15	16	17	18
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. LIWASCO 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) Repayment of Loans: LIWASCO shall remit monthly loan repayments as detailed below: -

Financing (KSh.)	2022/2023	2023/2024	2024/2025
Debt Repayment (Principal + Interest)	5,828,901	5,828,901	6,417,136

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

- (vii) Customer re- categorisation for billing: LIWASCO 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) Creation of distinct water and sewer cost centres: LIWASCO will ensure it creates separate water and sewer cost centres and maintains distinct record of operations of the two centres.
- (x) Customer re- categorisation for billing: LIWASCO 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.
- (xi) 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.
- (xii) Investments: The utility shall undertake the investments in Annex 1

## Annex 1 – INVESTMENTS

SUMMARY OF CAPITAL INVESTMENTS TO BE CARRIED OUT BY LIMURU WATER AND SEWERAGE COMPANY LIMITED FOR THE PERIOD 2022/23 – 2025/26				
Proposed Investment	2022/23	2023/24	2024/25	2025/26
Water Meters -New Connections	3,780,000	4,961,250	5,730,243	6,563,733
Smart Meters	3,937,500	4,134,500	4,341,000	4,558,250
Sewer Improvements	-	-	-	10,546,224
Water System Extensions	3,187,620	3,506,388	3,857,027	4,242,729
Water System Rehabilitation		7,621,803	10,167,423	12,772,122
Lay 13km assorted pipeline network for Tiekunu	-	-	8,551,743	-
Solarisation of Boreholes	6,923,498	2,864,626	1,505,150	1,906,509
Meter replacements	2,835,000	2,976,600	3,125,400	3,282,000
Laptops	310,000	465,000	-	-
Motorbikes	480,000	480,000	480,000	480,000
Smartphones	-	-	375,000	-
Desktop Phones and Accessories	40,000	-	-	-
ERP system	5,000,000	-	3,500,000	3,500,000
Document Management System	-	2,000,000	-	-
Centralized Power back up system	-	600,000	-	-
Public Address system inclusive of a generator	-		300,000	-
CCTV	300,000	300,000	600,000	-
Digital cameras	-	200,000	-	-
Furniture set - Desk and Chair	-	165,000	-	-
Steel file Cabinets	25,000	25,000	25,000	25,000
Fire Extinguishers	100,000	-	-	-
TOTALS	26,918,618	30,300,167	42,557,986	47,876,567

JULIUS K. ITUNGA,  
Ag. Chief Executive Officer.

MR/4245732

GAZETTE NOTICE No. 1309

THE WATER ACT

(No. 43 of 2016)

## NAROK WATER AND SEWERAGE SERVICES COMPANY

## APPROVED TARIFF STRUCTURE FOR THE PERIOD 2122/2023 TO 2024/2025

Narok Water and Sewerage Services Company (NARWASSCO) 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 NARWASSCO 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 NARWASSCO 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 NARWASSCO 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	90.00
	7-20	125.00
	21-50	135.00
	51-100	145.00
	101-300	160.00
	>300	180.00
Commercial/Industrial		
	1-50	125.00
	51-100	145.00
	101-300	160.00
	>300	180.00
Government Institutions		
	1-50	125.00
	51-100	145.00
	101-300	160.00
	>300	180.00
Schools, Universities and Colleges		
	1-600	110.00
	601 - 1200.	140.00
	>1200	160.00
Multi dwelling Units/ Gated Communities	Per M <sup>3</sup>	130.00
Water Bowsing Points	Per M <sup>3</sup>	130.00
Water Kiosks	Per M <sup>3</sup>	35.00

## 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:

- 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 1.1) 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