

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
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- (ii) Annual budgets: The utility shall adhere to the budgetary levels set in the tariff during the tariff validity period.
- (iii) Surpluses: The surpluses projected to be realised shall be set aside to implement priority service delivery capital projects. NARWASSCO 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: NARWASSCO will ensure it creates separate water and sewer cost centres and maintains distinct record of operations of the two centres.
- (vii) 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.
- (viii) Customer re- categorisation for billing: NARWASSCO 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.
- (ix) 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.
- (x) Investments: The utility shall undertake the investments in Annex

## Annex 1—INVESTMENTS

SUMMARY OF CAPITAL INVESTMENTS TO BE CARRIED OUT BY NAROK WATER AND SEWERAGE SERVICES COMPANY LTD. FOR THE PERIOD 2022/23 – 2024/25			
<i>NRW Reduction Plan</i>	2022/23	2023/24	2024/25
Procurement and Installation of Regional Master Meter (Enda and Pulung'a Areas)	292,000		
Procure, Install and test 2 NO, of DN 100 Flanged bulk water meter			
Provide and deliver DN100 GS, VJ Flanged adapter			
Supply and deliver a flanged sluice valve DN100			
Construct a masonry 2 No Valve chambers, (2m length*1.2m depth * 1m wide) with a concrete cover			
Sub-Total	292,000	-	-
Procurement and Installation of Regional Master Meter (Mwemba and Majengo Area)	292,000		
Procure, Install and test 2 NO, of DN 100 Flanged bulk water meter			
Provide and deliver DN100 GS, VJ Flanged adapter			
Supply and deliver a flanged sluice valve DN100			
Construct a masonry 2 No Valve chambers, (2m length*1.2m depth * 1m wide) with a concrete cover			
Sub-Total	-	292,000	-

SUMMARY OF CAPITAL INVESTMENTS TO BE CARRIED OUT BY NAROK WATER AND SEWERAGE SERVICES COMPANY LTD. FOR THE PERIOD 2022/23 – 2024/25			
Procurement and Installation of Regional Master Meter (Ololulung'a Scheme)	292,000		
Procure, Install and test 2 NO, of DN 100 Flanged bulk water meter			
Provide and deliver DN100 GS, VJ Flanged adapter			
Supply and deliver a flanged sluice valve DN100			
Construct a masonry 2 No Valve chambers, (2m length*1.2m depth * 1m wide) with a concrete cover			
Sub-Total	-	-	292,000
Procurement of 5 No pressure loggers	250,000		
Customer Meter Replacement	500,000	500,000	500,000
Sub-Total	750,000	500,000	500,000
REPLACEMENT OF NWTP PUMPING SETS			
Procure, install and test 1 NO vertical multistage Centrifugal pump coupled to a 3-phase motor complete with control panel capable of pumping 90m <sup>3</sup> /hour at a total head of 150 m	1,751,600	1,751,600	1,751,600
Supply and install appropriate electrical cables, earthing and accessories within the pump house			
Supply and install appropriate electrical cables, earthing and accessories within the pump house			
Sub-Total	1,751,600	1,751,600	1,751,600
Grand Total	2,793,600	2,543,600	2,543,600

JULIUS K. ITUNGA,  
Ag. Chief Executive Officer.

GAZETTE NOTICE NO. 1310

## THE WATER ACT

(No. 43 of 2016)

## NGAGAKA WATER AND SANITATION COMPANY

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

Ngagaka Water and Sanitation Company (NGAWASCO) 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 NGAWASCO 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 NGAWASCO 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 NGAWASCO 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

<i>Customer Category</i>	<i>Approved</i>	
<i>Domestic/Residential</i>	<i>Consumption Block in M<sup>3</sup></i>	<i>Tariff (KSh/M<sup>3</sup>)</i>
	1-6	45.00
	7-20	60.00

	21-50	70.00
	51-100	85.00
	101-300	100.00
	>300	130.00
Multi Dwelling Units/Gated Communities		60.00
Commercial/Industrial		
	1-50	70.00
	51-100	85.00
	101-300	100.00
	>300	130.00
Government Institutions		
	1-50	70.00
	51-100	85.00
	101-300	100.00
	>300	130.00
Schools, Universities and Colleges	1-600	50.00
	601 - 1200	60.00
	>1200	90.00
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. 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

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>	4,000
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>	
New water connection fee – Connection size: ½ inch to 1 inch	2,500
New water connection fee – Connection size: 1½ inch to 3 inches	7,500

Item/Service	Charge (KSh.)
1.5 inches to 3 inches	
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 NGAWASCO area for all consumers
Sale of water Per M <sup>3</sup> at bowring point (own tanker)	60
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 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 NGAWASCO during the tariff period:

Expenditure Item	Base Year 2020/2021	2021/2022	2022/2023	2023/2024	2024/2025
Operations	31,951,798	30,422,881	30,957,188	31,873,708	32,877,823
Maintenance	4,076,431	4,444,964	841,488	862,265	883,654
Regulatory Levy	1,471,821	1,520,000	1,468,987	1,974,731	2,058,132

Other Levies	740,190	694,290	717,429	741,377	766,165
Debt Repayment	380,000	360,000	360,000	360,000	360,000
Minor Investments	-	-	4,538,550	3,171,022	2,672,000
Total Costs	38,620,240	37,442,135	38,883,642	38,983,103	39,617,774
Total Billing (KShs)	33,386,391	36,303,399	41,422,830	43,094,076	44,832,888
Collection Efficiency (%)	95%	95%	95%	95%	95%
Projected Revenue	31,717,071	34,488,229	39,351,689	40,939,372	42,591,244
Total Cost Coverage	82%	92%	101%	105%	108%

### 3.0 Conditions attached to the Tariff Approval

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

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

Target	2021/2022	2022/2023	2023/2024	2024/2025
Water Coverage (%)	95	95	96	96
Water quality standards (%)	100% Compliance with Water Quality Standards			
Personnel Expenditure as % of O&M	61%	60%	59%	58%
Non-Revenue Water (%)	37%	36%	36%	35%
Hours of Supply (Hrs.)	24	24	24	24
Staff per 1000 connections	4	4	4	4
Maintenance Expenditure as % of O&M	12%	13%	13%	14%
Metering ratio (%)	100	100	100	100
Collection Efficiency (%)	95	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.
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- (viii) 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.

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

#### Annex 1 — INVESTMENTS

SUMMARY OF CAPITAL INVESTMENTS TO BE CARRIED OUT BY NGAGAKA WATER AND SANITATION COMPANY LTD. FOR THE PERIOD 2022/23 – 2024/25			
<i>NRW Reduction Plan</i>	2022/2023	2023/2024	2024/2025
<b>Activity</b>			
Purchase of pressure gauges (4 No.)	80,000	-	-
GIS/MAP-capture of all supply and distribution lines	250,000	-	-
Identify illegal connections, replace malfunctioning meters (at least 100no.)	400,000	-	-
Purchase and installation of meters for at least 4No. DMAs.	500,000	-	-
	1,230,000	-	-
Rehabilitation of Pipeline and New Network Extension			
<b>Area</b>			
Ngagaka Scheme-4 kilometres of 4" pipeline	-	-	2,672,000
Ngagaka Scheme-3.12 kilometres of 3" pipeline	1,354,704	-	-
Ngagaka Scheme-2.51 kilometres of 2" pipeline	-	670,672	-
	1,354,704	670,672	2,672,000
<b>Metering</b>			
Purchase and Installation of 1/2" 550 New Connections (Consumer meters)	-	1,780,350.00	-
Re-Connection (Replacements) of 350 1/2 " consumer meters	1,132,950	-	-
	1,132,950	1,780,350	-
<b>Acquisition of other assets</b>			
Purchase of 8 no Computers (Laptops /Desktops)	-	720,000	-
Purchase of Furniture and fittings	500,000		
Purchase of 1No Computer Server	320,896		
	820,896	720,000	-
<b>TOTALS</b>	4,538,550	3,171,022	2,672,000

MR/4245732 JULIUS K. ITUNGA,  
Ag. Chief Executive Officer.

GAZETTE NOTICE NO. 1311

#### THE WATER ACT

(No. 43 of 2016)

#### NGANDORI-NGINDA WATER CONSUMERS ASSOCIATION

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

Ngandori-Nginda Water Consumers Association (NNWCA) 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 NNWCA 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 NNWCA is justified to improve service delivery, operate sustainably