

GAZETTE NOTICE NO. 12825

THE WATER ACT

(No. 43 of 2016)

ELDORET WATER AND SANITATION COMPANY

APPROVED TARIFF STRUCTURE FOR THE PERIOD 2024/2025 TO 2028/2029

Eldoret Water and Sanitation Company (ELDOWAS) applied to the Water Services Regulatory Board (WASREB) for a review of water services tariffs, for the period 2024/2025 to 2028/2029 as per section 72 (1) (b) of the Water Act, 2016.

Public consultation on the ELDOWAS 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 the latest available data, WASREB has determined an upward tariff review for ELDOWAS 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 ELDOWAS that the approved tariffs for the five financial years 2024/2025, 2025/2026, 2026/2027, 2027/2028 and 2028/2029 shall be as follows:

5 Approved Tariff Structure for the period 2024/2025 to 2028/20291.1 Water Tariff

<i>Consumer Categories</i>	<i>Consumption Block</i>	<i>Approved Tariff</i>
	(M ³)	(KSh./M ³)
Domestic/Residential	1-6	130
	7-20	135
	21-50	140
	51-100	145
	101-300	150
	>300	160
Multi-Dwelling Units	Per M ³	135
Commercial/Industrial/ Government/Institutions	1-50	140
	51-100	145
	101-300	150
	>300	160
Public Schools, Colleges and Universities	1-600	135
	601-1200	145
	>1200m ³	160
Unique Consumer Categories	Bulk Water Supply Water (Per M ³)	92
	Water Kiosks Per M ³)	130

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

1.2 Sewer Tariff

<i>Consumer Categories</i>	<i>Consumption Block</i>	<i>Approved Tariff</i>
	(75% of water Consumed) (m3)	(KSh./M ³)
Domestic/Residential	1-6	90
	7-20	95
	21-50	100
	51-100	105
	101-300	110
	>300	115
Multi-Dwelling Units	Per M3	110
Commercial/Industrial/ Government/Institutions	1-50	100
	51-100	105
	101-300	110
	>300	115
Public Schools, Colleges and Universities	1-600	100
	601-1200	110
	>1200m3	115

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

- Domestic customers without a metered source of water (Per Single dwelling unit): KSh. 300 Per Month
- All other categories: 75% of the volume of water consumed as per the metered source of water including boreholes, at the rates specified in 1.2 above.

1.3 Indexation

The utility's approved 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 come into effect every July of the tariff period commencing July 2025.

1.4 Miscellaneous Charges

<i>Item/ Service</i>	<i>Charge (KSh.)</i>
Water Deposit	
Category of consumer	

Item/ Service	Charge (KSh.)
Domestic	2,500
Retail shops less than 10m ³	3,000
Retail shops more than 10m ³	3,500
Bar and restaurants less than 15 m ³	4,000
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	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 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 – 7000 and 18,000 litres	2,500 and 6,000 respectively per tanker within ELDOWAS area for all consumers
Sale of water Per M ³ at bowsing point (own tanker)	KSh. 130
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
Penalties	
Illegal water connection, –Commercial, Industry, Construction (Fraud)	100,000 plus estimated consumption during the period of illegality
Illegal water connection, – Domestic (Fraud)	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 the date of cut-off
Surcharge for tampering with meters (this to include meter removal, reversing of meter etc)	5,000
Surcharge for direct suction of water from the supply line using a pump	10,000

2.0 Cost Summary

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

Expenditure Item	2022/23 (KSh.)	2023/24 (KSh.)	2024/25 (KSh.)	2025/26 (KSh.)	2026/27 (KSh.)	2027/28 (KSh.)	2028/29 (KSh.)
Operations	741,207,794	815,328,573	856,790,433	890,801,251	948,731,725	1,015,749,424	1,049,866,169
Maintenance	74,586,539	78,315,866	71,785,000	73,360,000	76,350,000	77,175,000	79,795,000
Regulatory Levy	24,646,564	31,101,000	66,946,194	67,233,736	66,463,792	67,033,096	67,593,722
Total O&M Costs	840,440,897	924,745,439	995,521,627	1,031,394,988	1,091,545,518	1,159,957,519	1,197,254,891
Investment Costs	177,020,108	88,510,054	357,385,666	342,845,576	304,028,550	322,324,341	322,672,780
Debt Repayment	64,142,894	76,018,766	71,635,564	70,605,095	69,574,626	78,989,005	77,748,590
Total Costs	1,081,603,899	1,089,274,259	1,424,542,857	1,444,845,658	1,465,148,693	1,561,270,866	1,597,676,260
Total Billing (KShs)	776,617,523	777,525,007	1,624,592,465	1,631,781,024	1,646,459,370	1,660,991,868	1,675,300,364
Collection Efficiency (%)	104%	95%	95%	95%	95%	95%	95%
Projected Revenue	805,548,822	738,648,757	1,543,362,842	1,550,191,973	1,564,136,401	1,577,942,275	1,591,535,346
Total Cost Coverage	74%	68%	108%	107%	107%	101%	100%

3.0 Conditions attached to the tariff approval

The conditions attached to this approval which shall form part of the license conditions of ELDOWAS are:

i. Service Delivery Conditions attached to the Tariff

Target	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029
Water Coverage (%)	82%	83%	83%	84%	84%	85%	85%
Sewerage Coverage (%)	37%	38%	41%	44%	47%	50%	53%
Water quality standards (%)	93%	100%	100% Compliance with Standards				
Personnel Expenditure as % of O&M	50%	44%	43%	43%	43%	42%	42%
Non-Revenue Water	38%	38%	38%	37%	36%	35%	34%
Hours of Supply (Hrs.)	22	22	22	22	23	23	23
Staff per 1000 connections	6	5	4	4	4	4	4
Metering ratio (%)	100%	100%	100%	100%	100%	100%	100%
Collection Efficiency (%)	121%	95%	95%	95%	95%	95%	95%
Resale at Kiosk	5.Ksh per 20-litres.						

- (i) *Annual budgets: The WSP shall adhere to the budgetary levels set in the tariff.*
- (ii) *Surpluses: The surpluses realised during the tariff period shall be used to implement priority service delivery capital projects approved by WASREB.*
- (iii) *Reporting: The utility shall submit quarterly performance reports to WASREB in the prescribed format.*
- (iv) *Creation of distinct water and sewer cost centres: ELDOWAS will ensure it creates separate water and sewer cost centres within the first year of this tariff period. A distinct record of operations of the two centres should be maintained.*
- (v) *Investments: The utility shall undertake the investments in Table 1:*

Table 1: Investments

The following projects are earmarked for implementation within the proposed tariff period

Project	Details	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029
1.0 Asset Renewal						
1.1 Sosiani Treatment	Replacement of Sosiani 300L air compressor	600,000	-	-	-	-
	Replacement of Sosiani water collection troughs	-	5,000,000	-	-	-
1.2 Quarry Treatment	Replacement of AQ range valve actuators	6,000,000	-	-	-	-
	Quarry 14kW submersible recirculation pumps	-	-	9,000,000	-	-
	Quarry 33kW submersible waste water pumps	-	-	12,000,000	-	-
	Quarry waste collection auto manual step screen	-	-	-	15,000,000	-
1.3 Lab Equipment	Replacement of various water and wastewater testing equipment	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
1.4 Tools	Calibration of FMU 90 Prosonic meter	400,000	-	400,000	-	-
	Replacement of Gravity dosers	-	-	2,400,000	-	-
1.5 Chebara Treated Water Main & Water Distribution Network	Replacement of Chebara DN 600 raw water valve	-	1,200,000	-	-	-
	Replacement of Chebara backwash pump No.1 motor	-	250,000	-	-	-
	Replacement of Chebara community pump No.1	-	-	-	-	-
	Replacement of Chebara backwash pump No.2	-	-	-	1,000,000	-
	Replacement of auto manual step screen	-	-	-	800,000	-
1.6 Boundary Treatment	Boundary 5.9kW submersible sludge pumps	-	4,000,000	500,000	-	-
	Boundary 17kW submersible recirculation pumps	-	10,500,000	-	-	-
1.7 ICT Assets	E-board (10No user license)	-	1,500,000	1,500,000	1,500,000	1,500,000
	Sub-Totals	9,500,000	24,950,000	28,300,000	20,800,000	4,000,000
2.0. Extension of sewer lines						
2.1 Sewer Civil Construction Works	Annex Sewer Pipeline Project	12,786,688	-	-	-	-
	Last Mile connectivity	30,000,000	-	-	-	-
	KIE Sewer Project	10,457,670	-	-	-	-
	Ngomongo Sewer Project	-	30,788,720	-	-	-
	Last Mile connectivity	-	20,000,000	-	-	-
	Ngurunga Sewer Project	-	3,609,113	-	-	-
	Shauri Estate Sewer	-	3,271,208	-	-	-
	Last Mile connectivity	-	-	20,000,000	-	-
	Block 10 Sewer Project including branch 1 to branch 4	-	-	22,786,755	-	-
	Annex Community Sewer Project	-	-	14,694,430	-	-
	Last Mile connectivity	-	-	-	20,000,000	-
	Upper Juniorate	-	-	-	2,250,000	-

Project	Details	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029
	Salim Dola Sewer Project	-	-	-	3,167,640	-
	Segero-Kipkenyo Sewer Line	-	-	-	26,603,295	-
	Last Mile connectivity	-	-	-	-	30,000,000
	Kipkorgot Sewer Extensions Project	-	-	-	-	19,270,152
	Kipkenyo-Euro Sewer Extensions Project	-	-	-	-	4,102,510
	Sub-Totals	53,244,358	57,669,040	57,481,185	52,020,935	53,372,662
3.0 Replacements of Sewer Networks						
	Kona Mbaya Rehabilitation	754,860	-	-	-	-
	Rehabilitation of Manholes	6,853,200	6,853,200	6,853,200	6,853,200	6,853,200
	Mwanzo Rehalitations	13,542,454	13,542,454	13,542,454	13,542,454	13,542,454
	Kambi karatasi Sewer Project	-	5,833,184	-	-	-
	GK Prisons	-	30,717,822	-	-	-
	Shauri-Havard Sewer	-	-	15,308,749	-	-
	Sub-Totals	21,150,514	56,946,660	35,704,403	20,395,654	20,395,654
4.0 New Assets						
Ellegrini Dam	Fencing of the dam	1,000,000	-	-	-	-
Two Rivers Dam	Fencing of the dam	-	1,000,000	-	-	-
Moben Dam	Fencing of the dam	-	-	3,000,000	-	-
Kapsoya Treatment	Purchase of 77 KVA Standby Electric generator	3,500,000	-	-	-	-
	Installation of Kapsoya electrical winch	1,800,000	-	-	-	-
	Installation of Kapsoya CCTV	-	-	1,030,660	-	-
5.0 Chebara Treated Water Main & Water Distribution Network	Design and construction of aeration chamber at Chebara drinking water treatment plant	11,221,028	-	-	-	-
6.0 Boundary Treatment	Automation of Boundary pumping stations	2,500,000	-	-	-	-
7.0 HQ office	FireProof Safe-HR	2,000,000	-	-	-	-
8.0 ICT Assets	Routers HQ and Areas	500,000	-	-	-	-
	POE Network switches	500,000	500,000	500,000	-	-
	Implementation of Active Directory	2,240,000	-	-	-	-
	Document Management System	-	7,000,000	-	-	-
	ICT Assets tagging, tracking, and managing Software	240,000	-	-	-	-
	Email & Website Hosting	1,000,000	-	-	-	-
	E-board (10No user license)	1,500,000	-	-	-	-
9.0 ERP Movement to cloud	Resource acquisition-Cloud (1 TB hard drive space plus 100 GB RAM, 2 processors 16 cores)	5,000,000	-	-	-	-
	Existing ERP and Billing Systems Modules Maintenance + Enhancements for emerging new system changes/requirements	1,000,000	1,000,000	1,000,000	-	-
	Acquisition and implementation of Technical Processes Module (4 Water Treatment Plants and 2 Sewerage Plants)	-	-	-	8,000,000	-
	Implementation of Automatic Dosing system-4No TWs	-	-	16,000,000	-	-
10.0 GIS	Proposed GIS System - ArcGIS Enterprise and ArcGIS Pro Perpetual license	-	-	-	-	18,378,054
	customer identification survey	7,000,000	-	-	-	-
	Purchase of 1No. RTK survey equipment	-	-	-	4,000,000	-
11.0 Quarry Treatment	Automation of Quarry recirculation pumping station	-	1,200,000	-	-	-
	Automation of Quarry recirculation pumping station	-	1,800,000	-	-	-
12.0 Naiberi Treatment Plant	Installation of Naiberi electrical winch	-	1,800,000	-	-	-
	Installation on CCTV	-	-	697,180	-	-
	Replacement of pumps	-	-	-	679,180	-
13.0 Lab Equipment	Purchase of water monitoring vehicle complete with a mobile water testing unit.	-	-	-	-	6,000,000
	Purchase of Atomic absorption spectrophotometer (AAS) for Elemental and heavy metal monitoring in water and wastewater.	-	-	-	8,000,000	-
14.0 Motor Vehicles	Purchase of 1No. double cab pick-up for PDC	-	7,500,000	-	-	-
15.0 Storage facility	Construction of Kapsoya Main Store	-	-	7,000,000	-	-

Project	Details	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029
16.0 Kipkaren	Installation CCTV System	-	-	-	-	-
		-	-	-	-	521,500
	Sub-Totals	41,001,028	21,800,000	29,227,840	20,679,180	24,899,554
17.0 NRW Reduction	Sub-Totals	70,949,538	79,699,538	61,449,538	65,199,538	61,449,538
18.0 New Water Pipelines						
19.0 Water and Civil Works Constructions	Annex	7,392,564				
	KESSES Water Extension Project	-	11,120,382	-	-	-
	Kidiwa Affordable Housing Project	-	9,056,187	-	-	-
	Marura-Samro	-	-	6,930,756	-	-
	Railway City Affordable Housing Program	-	-	-	13,955,424	-
	Kesses Moi University Water Project	-	-	-	-	8,276,457
	Sub-Totals	7,392,564	20,176,569	6,930,756	13,955,424	8,276,457
20.0 Replacements of Water Networks	Kidiwa Kipchoge pipe replacement	4,346,517	-	-	-	-
	Baringo pipe replacement	4,535,811	-	-	-	-
	Lower Elgon view pipe replacement	14,260,512	-	-	-	-
	AC Posta Flats pipe Replacement	9,225,038	-	-	-	-
	Moi-Girls Dola Water Project	18,001,640	-	-	-	-
	Replacement of uPVC Pipes to HDPE	5,900,700	-	-	-	-
	Kamanda-Dutch Pipe improvement	3,995,607	-	-	-	-
	Rehabilitation of water chambers	4,500,000	-	-	-	-
	Eldoret West Replacement	-	10,695,321	-	-	-
	Railway Pipe Replacement	-	7,192,206	-	-	-
	Chebarus pipe replacement	-	7,155,540	-	-	-
	AC Kamanda Dutch Replacement	-	3,125,237	-	-	-
	AC Mayabi Pipe replacement	-	4,696,703	-	-	-
	Replacement of uPVC Pipes to HDPE	-	5,900,700	-	-	-
	Rehabilitation of water chambers	-	4,500,000	-	-	-
	Marura-Samro pipe replacement	-	-	6,930,756	-	-
	AC Kidiwa Replacement	-	-	40,991,500	-	-
	Replacement of uPVC Pipes to HDPE	-	-	5,900,700	-	-
	Rehabilitation of water chambers	-	-	5,118,582	-	-
	Mayabi-Dutch pipe improvement	-	-	4,500,000	-	-
	Koffi Anan pipe replacement	-	-	-	4,630,206	-
	AC Arya-Cool Pipe replacement	-	-	-	22,985,626	-
	Replacement of uPVC Pipes to HDPE	-	-	-	5,900,700	-
	Munyaka-Bahati pipe replacement	-	-	-	12,170,243	-
	Rehabilitation of water chambers	-	-	-	4,500,000	-
	Munyaka-Bahati pipe improvement	-	-	-	12,170,243	-
	Kamanda-Dutch Pipe replacement	-	-	-	-	3,995,607
	Replacement of uPVC Pipes to HDPE	-	-	-	-	5,900,700
	Rehabilitation of water chambers	-	-	-	-	4,500,000
	AC Sosiani-Dutch Tank Replacement	-	-	-	-	116,991,691
	Sub-Totals	64,765,825	43,265,707	63,441,538	62,357,018	131,387,998
21.0 Pro-poor-Sewer	Kamukunji Extension 1	71,003,785	-	-	-	-
	Kamukunji Extension 2	-	32,338,062	-	-	-
	Huruma Extensions	-	-	21,493,290	-	-
	Langas Sewer Project	-	-	-	8,325,975	-
	Harvad-High School Sewer	-	-	-	-	2,383,605
	Slaughter Sewer line	-	-	-	-	5,504,935
	Sub-Totals	71,003,785	32,338,062	21,493,290	8,325,975	7,888,540
22.0 Community Water project(8No)	Koingnyilil Water Project	-	-	-	70,760,859	35,380,430
	Progressive Water Project	-	-	-	-	-
	Kapsubere Water Project	-	-	-	-	-
	Chemarmar Water Project	-	-	-	-	-
	Sergoit Water Project	-	-	-	-	-
	Kapsinende Water Project	-	-	-	-	-
	Tugen estate Water Project	-	-	-	-	-
	Sergoit hill Water Project	-	-	-	-	-
	Sub-Totals	-	-	-	70,760,859	35,380,430
Total		339,007,612	336,845,576	304,028,550	334,494,584	347,050,834

Dated the 6th September, 2024.