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# THE WATER RESOURCES MANAGEMENT ACT (CAP.331)

# **REGULATIONS**

(Made under section 96(4))

THE WATER RESOURCES MANAGEMENT (FEES SETTING) REGULATION, 2019

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# THE WATER RESOURCES MANAGEMENT ACT (CAP.331)

#### **REGULATIONS**

(Made under section 96)

THE WATER RESOURCES MANAGEMENT (FEES SETTING) REGULATION, 2019

### PART I PRELIMINARY PROVISONS

#### Citation

1. These Regulations shall be cited as the Water Resources Management (Fees Setting) Regulations, 2019.

#### Application

2. These Regulations shall apply to matters related to water fees application, setting and approvals in the management of the water resources by the Board in Tanzania Mainland.

#### Interpretation

3. In these Regulations, unless the context otherwise requires-

# Cap. 331

"Act" means the Water Resources Management Act;
"Board" means the Basin Water Board established
under section 22 of the Act;

"cumulative flow meter" means a device installed for the purpose of measuring quantity of water used by the permit holder in a given period of time;

"consumptive use" means the portion of water withdrawn from its source which will not be available for re-use to other sectors because of evaporation, transpiration or incorporation into products.

"Director" means the Director of water resources appointed under section 15 of the Act;

"flat rate" means a nominal fixed amount of fee

charged by Board under regulation 9;

"measured rate" means unit of measurements stipulated under regulation 5 which are used for calculation of fees;

"measuring device" means a cumulative flow meter or any device installed for purpose of quantifying water abstracted by a user;

"non-consumptive use" means the water use that does not consume water:

"revenue requirement" means amount of funds required for effective implementation of water resources management activities;

"water register" shall have the meaning as ascribed to it under the Act;

"water user" means a person who abstracts, diverts, dams, stores or uses water from surface or underground water sources or for any such purposes constructs or maintains any works from a water source.

# PART II OBLIGATIONS OF BASIN WATER BOARD

Installation of cumulative flow meter

Cap. 331

- 4.-(1) The Board shall ensure installation of cumulative flow meter at the abstraction point for the purpose of measuring quantity of water abstracted by a particular permit holder.
- (2) Pursuant to section 23(c) of the Act, the Board shall prescribe the standard of cumulative flow meter to be installed under this regulation.
- (3) A permit holder shall incur the cost of installation of cumulative flow meters at his point of abstraction.
- (4) The Board shall undertake regular monitoring and inspection of the cumulative flow meters installed in its jurisdiction.
- (5) Existing permit holders shall ensure installation of cumulative flow meter within two years from the date of coming into operation of

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these Regulations.

- (6) A applicant for water use or discharge permit shall be required to install cumulative flow meters prior to being issued a permit.
- (7) Water users shall submit water use data both in hard copy and electronic forms at least once in each quarter.

### PART III FEE SETTING

Unit of measurement

- 5. The Board shall use uniform unit of measurement in calculation of fee for water uses and waste water discharges under these Regulations as follows-
  - (a) cubic meter per year for water abstraction;
  - (b) square meter for impoundment;
  - (c) installed megawatt for hydropower;
  - (d) weight of vessel in ton for navigation;
  - (e) length of road kilometers for road construction; and
  - (f) cubic meter per year for waste water discharge.

Billing of fees

- 6.-(1) The Board shall bill a permit holder annually based on the quantity of water abstracted or wastewater discharged as stipulated in the permit.
- (2) In billing the permit holder, the Board shall undertake annual water use and discharge assessment necessary to identify quantity of water utilized by a permit holder.
- (3) Where appropriate, the Board may exempt payment of fees by a permit holder as it may deem necessary.
- (4) Where a permit holder fails to pay annual water fee after expiry of the relevant financial year, the Board shall impose an interest of five percent of

the outstanding billed amount for every month of delay.

(5) Without prejudice to subregulation (1), the Board may enter into an arrangement with a permit holder on the payment modality of the annual fee in this regulation.

Use of water register

GN. No. 190 of 2010 7. In setting fees and revenue collection, the Board shall make use of the basin water register prepared under the Water Resources Management (Abstraction, Use and Discharge) Regulations.

Categories of water use and effluent discharge

- 8.-(1) The categories of water use and effluent discharge which are subject of charges under these Regulations shall be as set out in the First Schedule.
- (2) The categories of water use and effluent discharge in the First Schedule shall be the basis of the fees set by the Board under these Regulations.

Types of fees

- 9.-(1) The Board shall have powers to impose fees on the following matters-
  - (a) water abstraction;
  - (b) waste water discharge;
  - (c) granting of permits;
  - (d) payment for environment services; and
  - (e) any other matters for which the Basin Water Board considers necessary.
- (2) Fees under this regulation may be in the form of flat rate or measured rate, depending on the categories of water use and waste water discharge.
- (3) Flat rate shall be imposed to users whose abstraction or discharge does not exceed the threshold of each category as specified in the First Schedule.
- (4) The Board shall determine the amount of flat rates by taking into account considerations including the water user's ability to pay the fee.
  - (5) The volumetric rate shall be applied in fee

calculation with respect to the quantity exceeding threshold.

Matters to be considered in fee setting

- 10.-(1) In setting fees under these Regulations, the Board shall take into account the following-
  - (a) geographical location, type of water use and users;
  - (b) need of achieving equitable and efficient allocation of water and water conservation;
  - (c) need to comply with water and waste water standards as well as principles of user pays and polluter pays;
  - (d) provision of incentives for compliance and disincentive for non-compliance; and
  - (e) economic value of water such as inflation, indexation, market value and opportunity costs.
- (2) The type of water users under this regulation shall be small scale and large scale users as determined by quantity of water abstracted and the category of water use as specified in the First Schedule.
- (3) The Board shall calculate and specify the amount of fee to be paid by holders of temporary permits of less than a year.
- (4) Any person who is a legal owner or occupier of any land may construct a well and abstract water therefrom for domestic use only without paying water abstraction charges levied under the Act and these Regulations.

Fees setting methodologies

- 11.-(1) The Board shall utilize a revenue requirement methodology in determining fees under these Regulations.
- (2) The revenue requirement for a Board shall include costs of data, information and knowledge products, planning and recurrent cost, stakeholder

engagement, awareness creation, regulations and enforcements.

- (3) The Board shall propose the unit price for every 100 m<sup>3</sup> abstracted water or waste water discharged.
- (4) The following formula shall be used in determining fee-
  - (a) for water abstraction and waste water discharge under flat rate;

UP x VAUnder flat rate

UP means Unit Price in Tanzania shillings per Cubic Meter

*VA*<sub>Under flat rate</sub> means Volume Abstracted/Discharged in Cubic Meters per year under flat rate

(b) for water abstraction and waste water discharge equal or above flat rate;

 $(UP \ X \ VA \ Under \ flat \ rate) + (UP \ X \ ((VA = qual \ or \ above \ flat \ rate) - (VA \ Under \ flat \ rate))/100)$ 

UP means Unit Price in Tanzania shillings per Cubic Meter

VA means Volume Abstracted/Discharged in Cubic Meters per year

(c) for impoundment;

UP x SA

UP means Unit Price in Tanzania shillings per Square Meter

SA means Surface Area of water impounded in Square Meter

(d) for hydropower per year;

UP x PP

UP means Unit Price in Tanzania shillings per Megawatt

PP means Installed Capacity in Megawatt

(e) for navigation fee; and

UP x VW

UP means Unit Price in Tanzania shillings per Ton per year

VW means Vessel Weight in Ton

(f) for road construction fee;

#### UP x LR

UP means Unit Price in Tanzania shillings per Kilometer

LR means Length of Road in Kilometers

(5) During the calculation of fees under this regulation, the unit price may vary depending on the category of water use.

Procedure for setting fee

- 12.-(1) The Board shall follow procedures provided under this regulation prior to announcement of charges to be levied pursuant to section 96(1) of the Act.
- (2) The procedures for announcement of charges or fees shall be as follows-
  - (a) the Basin Water Officer shall prepare a fee proposal in accordance with the formula and conditions under these Regulations;
  - (b) there shall be consultation of stakeholders;
  - (c) after stakeholders consultation, the Basin Water Officer shall submit a fee proposal to the Basin Board for approval;
  - (d) after approval by the Board the fee proposal shall be submitted to the Director for consideration;
  - (e) the Director shall review the fee proposal and give clearance within thirty days from the date of receipt of such proposal; and
  - (f) after the Director's clearance, the Board shall cause the notice of the fees to be *gazetted*.
- (3) The fee proposal submitted under subregulation 12(2)(d) shall be accompanied with-
  - (a) minutes of stakeholders consultation meeting;
  - (b) audited financial report of the past two years;
  - (c) strategic plan of the Board.

(4) The fee proposal shall be in the form prescribed in the Second Schedule to these Regulations.

Review of fee

- 13.-(1) The Board may apply for review of the approved fee after the period of three years from the date of approval of the existing fees.
- (2) The procedures for proposal of fee under regulation 12 shall apply *mutatis mutandis* in the proposal for review of the fee by the Board.

Performance Bond

- 14.-(1) The Board may require issuance of performance bonds for activities with safety risks or pollution.
- (2) The Board shall specify the type and scale of the activities which require deposit of performance bond.
- (3) The amount of performance bond shall be determined by the anticipated cost of remedying the damages in event of occurrence.

Board to develop mechanism for collection of fee

- 15.-(1) The Board shall put in place a cost efficient mechanism of revenue collection including use of electronic payment system for various fees under these Regulations.
- (2) In encouraging collection of fees by the water user associations, the Board may allow a particular water user association to retain an amount not exceeding ten percent of the revenue collected by it.

# PART IV OFFENCES

Failure to pay fees

16.-(1) A permit holder who, without reasonable excuse, fails to pay any annual water use or discharge fee on or before the date which the fees become payable commits an offence and shall upon conviction be liable to a fine of not less than three hundred thousand shillings but not exceeding one million shillings or imprisonment for a term of not

less than three months but not exceeding one year or both.

(2) In addition to the penalty under subregulation (1), a permit holder who fails to pay the annual fees shall be liable to a fine of five percent for each month during which the failure continues.

Tempering with water measuring device

17. A person who tempers with water measuring device commits an offence and shall upon conviction be liable to a fine of not less than one hundred thousand shillings or imprisonment for a term not exceeding six months or to both.

### PART V GENERAL PROVISIONS

Summons by Board

18. The Board may issue a summons in writing to a person requiring him to furnish supply information necessary to enable it fulfil its obligations under these Regulations.

Offence of non-complying with summons

19. A person who fails, without reasonable excuse, to comply with summons issued by the Board commits an offence and upon conviction shall be liable to a fine not exceeding five hundred thousand shillings or imprisonment for a term not exceeding three months or to both.

Appeal

20. A person who is aggrieved by the decision of the Board under these Regulations may submit an appeal pursuant to section 106 of the Act.

Report by Board on implementati on of these Regulations 21. The Board shall submit an annual report to the Minister on the implementation of these regulations to enable an assessment of whether the objectives of these Regulation are attained.

Minister to supplement procedures

22. The Minister, may, in the event procedures are not provided for under these Regulations, supplement the missing procedure by giving a

directive to that effect, provided that, such directive is aimed at enabling effective implementation of these Regulations.

# SCHEDULE

# FIRST SCHEDULE

(Made under regulation 8(1))

#### WATER USERS CATEGORIES

ITEM NO.	WATER USE/ EFFLUENT DISCHARGES	THRESHOLDS
110.	BIOOTIVINGES	
A.	CONSUMPTIVE USE	
1.	DOMESTIC CATEGORY	
	I. Individual/Group of User	
	<ul><li>a) Abstraction (Flat rate)</li></ul>	less than 15768 m³/year
	b) Abstraction (Volumetric	greater than or equal to 15768
	rate)	m <sup>3</sup> /year (For every 100m <sup>3</sup> )
	<b>II.</b> Hotels, Lodges, Motels etc.	
	<ul><li>a) Abstraction (Flat rate)</li></ul>	less than 15768 m³/year
	b) Abstraction (Volumetric	greater than or equal to 15768
	rate)	m <sup>3</sup> /year (For every 100m <sup>3</sup> )
	III. Waste Water Discharge	
	a) Treated waste water	Less than 31536 m³/year
	discharge (Flat rate)	
	b) Treated waste water	greater than or equal to 31536
	discharge (Volumetric rate)	m <sup>3</sup> /year (For every 100m <sup>3</sup> )
2	COMMUNITY WATER SUPPLY	
	CATEGORY	
	I. Urban Water Utilities	1 1 01506 37
	a) Abstraction (Flat rate)	less than 31536 m³/year
	b) Abstraction (Volumetric rate)	greater than or equal to 31536 m <sup>3</sup> year (For every 100m <sup>3</sup> )
	II. CBWSOs	III year (For every 100III )
		less than 31536 m³/year
	a) Abstraction (Flat rate) b) Abstraction (Volumetric	greater than or equal to 31536
	rate)	m <sup>3</sup> /year (For every 100m <sup>3</sup> )
	III. Institution	
	a) Abstraction (Flat rate)	less than 31536 m³/year
	b) Abstraction (Volumetric	greater than or equal to 31536
	rate)	m <sup>3</sup> /year (For every 100m <sup>3</sup> )
	IV. Commercial uses	
	a) Water Kiosk	Less than 28382.4m³/year (Flat
	b) Car Wash	rate)

	a) Filling Ctation			
	c) Filling Station d) Recreation (including		Fauel or Creator than	
			(including	Equal or Greater than 28382.4m³/year (For every 100m³),
	Беа	ches)		Volumetric rate
	VI Waste Wa	ater Discharge		Volumetric rate
	a) Was	ete water disch	arge (Flat	Less than 31536 m³/year
	a) Waste water discharge (Flat rate)		Less than 31330 m / year	
		ste water	discharge	Equal or Greater than 31536
		lumetric rate)	alconarge	m <sup>3</sup> /year (For every 100m <sup>3</sup> )
		ndment (surfac	e area)	m³/year (For every 100m³) For every 1 m²
	VIII IIIIpodi	Tarrierre (Garrae	oc u.cu)	Tel every 1 III
3.	IRRIGATION	CATEGORY		
		cale Irrigation		
		traction (Flat	rate)	Less than 31536 m³/year
		traction (\		Greater than or equal to 31536
	rate			m³/year (For every 100m³)
		cale Irrigation		, , ,
	a) Abs			Less than 583,416 m³/year
	b) Abs	traction		Greater than or equal to 583,416 m <sup>3</sup> year
		ture (Agro-Bus		
		traction (Flat r		Less than 31536 m3/year
		traction (\	/olumetric	Greater than or equal to 31536
	rate			m <sup>3</sup> /year (For every 100m <sup>3</sup> )
	IV. Livestoo			3
		traction (Flat		Less than 31536 m³/year
	rate		/olumetric	Greater than or equal to 31536 m <sup>3</sup> /year (For every 100m <sup>3</sup> )
	V. Fish Far	ming		
	a) Abs	traction (Flat r	ate)	Less than 31536 m³/year
	rate			Greater than or equal to 31536 m³/year (For every 100m³)
	VI. Impou	indment incli g (surface area	uding fish	For every 1m <sup>2</sup>
	VII. Waste	Water Dischar	rge	
	rate		narge (Flat	Less than 31536 m³/year
	b) Was	ste water lumetric rate)	discharge	Greater than 31536 m³/year (For every 100m³)
4.	INDUSTRY C			
		cesssing,		
		nufacturing,	Cooling,	
		atment, Boiler		
	Small scale I		. \	1 1 15760 37
		traction (Flat r		Less than 15768 m³/year
			/olumetric	Greater than or equal to 15768
	rate			m³/year (For every 100m³)
	Large scale I		-+-)	Leas then 15760 #=0/
		traction (Flat r		Less than 15768 m3/year
	b) Abs	traction (\	/olumetric	Greater than or equal to (15768

ITEM NO.	WATER USE/ EFFLUENT DISCHARGES	THRESHOLDS
	rate)	m³/year (For every 100m³)
	II. Mining	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	a) Small scale miners (Artisanal) (Flat rate)	Less than 15768 m3/year
	b) Large scale miners (Volumetric rate)	Greater than or equal to (15768 m³/year (For every 100m³)
	III. Bottling	myear (reference really really)
	a) Abstraction (Flat rate)	Less than 15768 m³/year
	b) Abstraction (Volumetric	Greater than or equal to 15768
	rate)	m <sup>3</sup> /year (For every 100m <sup>3</sup> )
	V. Impoundment (surface area)	For every 1m <sup>2</sup>
	VI. Waste Water Discharge	
	a) Waste water discharge (Flat rate)	Less than 31536 m³/year
	b) Waste water discharge (Volumetric rate)	Greater than 31536 m³/year (For every 100m³)
В	NON CONSUMPTIVE USE	
5.	POWER PRODUCTION CATEGORY	
	a) Hydro Electric Power Production	1MW
	b) Thermal power	1MW
	c) Impoundment	For every 1m <sup>2</sup>
6.	OTHER CATEGORY	
	I. Transportation	
	Navigation (Inland Freshwater)-Flat rate	Vessels gross weight Less than 5 Tons
	Navigation (Inland Freshwater)	Vessels gross weight greater than 5 Tons (For every 1Ton)
	II. Construction	
	a) Roads Construction	Per 1km
	b) Other Construction e.g. buildings, bridges etc.	For every 100m <sup>3</sup>
	Recycle and re use of water (Flat rate)	
	Easement (Flat rate)	
	Loss permit (Flat rate)	
	Registration of Water Users Association (Flat rate)	
	Data and Information Acquisition	Annual set of one parameter data
	(Flat rate) Hydrological Survey (Flat rate)	set For every site/spot
	Hydrogeological/Geophysical	Per Borehole site
	Surveys	T CI DOTCHOIC SILE

Date of submission

Cost drivers

 Data, information and knowledge products.

2. Planning and Institutions.

ITEM NO.	WATER USE/ EFFLUENT DISCHARGES	THRESHOLDS
	Drilling Permit:	For every water well

# SECOND SCHEDULE

(Made under regulation 12(4))

#### FORMAT FOR WATER USE AND DISCHARGE FEES PROPOSAL

Details of Fee Proposal submission

	me, Phone Number & email o ntact Person	f					
Bas	Basin Profile and Structure						
	1.1 Basin general inf	formation					
1.	Name of Basin Water Board:						
2.	Basin Coverage/Area (km²):						
3.	Number of Catchments:						
4.	Region:						
5.	District:						
6.	City / town:						
7.	Ward:						
8.	Street:						
9.	Established date:						
10.	Organisational set-up:	Please provide organisational chart as part of Annex 1					
Cur	Current water revenue requirements						

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Required

revenue

Gap (%)

Basin Revenue Requirements Gap for Planned Financial Year (TShs.)

Current revenue

### Water Resources Management (Fees Setting)

GN. No. 825 (Contd.)

3.	Stakeholder		
	engagement,		
	awareness creation,		
	regulations and		
	enforcements.		

2.2 Water abstraction per category in m<sup>3</sup>/year

2.2 Water abstraction per car	Current F/Y	Past 1 F/Y	Past 2 F/Ys
Abstraction Category			
Domestic			
Irrigation			
Industrial			
Hydropower			
CWS			
Others			
Total			

#### 2.3 Rationale for Fee Proposal

#### **3.1** Fee Proposal

Please provide detailed justification for the fee proposal as per financial needs under paragraph 2.1 (Annex separate page if needed).

#### Financial Aspects of Basin Water Board

#### 3.2 Financial Statements

Please provide audited financial statements (unaudited if audited statements are not yet available) of the last two financial years as Annex 2.

3.3 Revenue Collection Efficiency				
Use Category	Planned Revenue (TShs)	Collected Revenue (TShs)	Percentage of Collection (%)	
Domestic				
Irrigation				
Industrial				
Hydropower				
CWS				
Others				

Total				
3.3	Water use and discharge fees			
1. Does the Basin have approved fees?				
If yes, please provide as Annex 3 a copy of the currently / formerly approved fees				

# PROPOSED WATER USE AND DISCHARGE FEES

PROPOSED WATER USE AND DISCHARGE FEES						
ITEM NO.	WATER USE/ EFFLUENT DISCHARGES	CURREN	CURRENT FEES		PROPOSED NEW FEES	
		APPLICATIO N FEES (TShs)	WATER USER FEES (TShs)	APPLICATI ON FEES (TShs)	WATER USER FEES (TShs)	
A.	CONSUMPTIVE USE		(10110)		(10110)	
1.	DOMESTIC CATEGORY					
	I. Individual/Group of User					
	a) Abstractio n (Flat rate)					
	b) Abstractio n (Volumetri c rate)					
	II. Hotels, Lodges Motels etc.	,				
	a) Abstractio n (Flat rate)					
	b) Abstractio n (Volumetri c rate)					
	III. Waste Water Discharge					
	a) Treated waste water discharge (Flat rate)					
	b) Treated waste water discharge (Volumetri c rate)					

ITEM NO.	WATER USE/ EFFLUENT DISCHARGES	CURRENT FEES	PROPOSED NEW FEES
2	COMMUNITY WATER SUPPLY CATEGORY		
	I. Urban Water Utilities		
	a) Abstractio n (Flat rate)		
	b) Abstractio n (Volumetri c rate)		
	II. CBWSOs		
	a) Abstractio n (Flat rate)		
	b) Abstractio n (Volumetri c rate)		
	III. Institution		
	a) Abstractio n (Flat rate)		
	b) Abstractio n (Volumetri c rate)		
	IV. Commercial uses		
	a) Water Kiosk		
	b) Car Wash c) Filling Station		
	d) Recreation (including Beaches)		
	V. Waste Water Discharge		
	a) Waste water discharge (Flat rate)		
	b) Waste water discharge		

ITEM NO.	WATER USE/ EFFLUENT DISCHARGES	CURRENT FEES	PROPOSED NEW FEES
	(Volumetri		
	c rate)		
	VI. Impoundme		
	nt (surface		
	area)		
3.	IRRIGATION		
	CATEGORY		
	I. Small Scale		
	Irrigation a) Abstractio		
	n (Flat		
	rate)		
	b) Abstractio		
	n n		
	(Volumetri c rate)		
	II. Large Scale		
	Irrigation		
	a) Abstractio		
	n		
	b) Abstractio		
	III. Horticulture		
	(Agro-Business)		
	a) Abstractio		
	n (Flat		
	rate) b) Abstractio		
	n Abstractio		
	(Volumetri		
	c rate)		
	IV. Livestock		
	a) Abstractio n (Flat		
	rate)		
	b) Abstractio		
	n		
	(Volumetri c rate)		
	V. Fish Farming		
	a) Abstractio		
	n (Flat		
	rate)		
	b) Abstractio		
	n (Volumetri		
	c rate)		

ITEM NO.	WATER USE/ EFFLUENT DISCHARGES	CURRENT FEES	PROPOSED NEW FEES	
	VI. Impoundmen t including fish caging (surface area)			
	<b>VII.</b> Waste Water Discharge			
	a) Waste water discharge (Flat rate)			
	b) Waste water discharge (Volumetri c rate)			
4.	INDUSTRY CATEGORY			
	I. Processsin g,			
	Small scale Industry			
	a) Abstractio n (Flat rate)			
	b) Abstractio n (Volumetri c rate)			
	Large scale Industry			
	a) Abstractio n (Flat rate)			
	b) Abstractio n (Volumetri c rate)			
	II. Mining a) Small scale miners (Artisanal) (Flat rate)			

						1
ITEM NO.	EFF	ER USE/ FLUENT HARGES	CURRENT FEES		PROPOSED NEW FEES	
	b)	Large scale miners (Volumetri c rate)				
	III.	Bottling				
	a)	Abstractio n (Flat rate)				
	b)	Abstractio n (Volumetri c rate)				
		Impoundm ent (surface area)				
	V.	Waste Water Discharge				
	a)	Waste water discharge (Flat rate)				
	b)	Waste water discharge (Volumetri c rate)				
В	NON	CONSUMP TIVE USE				
5.	POWER PRODUC CATEGO	CTION DRY				
	a)	Power Production				
	b)	Thermal power				
	c)	Impoundm ent				

6.	OTHER CATEGORY			
0.		+		
	I. Transportation  Navigation (Inland			
	Freshwater)-Flat			
	rate			
	Navigation (Inland			
	Freshwater)			
	II. Construction			
	a) Roads			
	Constructi			
	on			
	b) Other			
	Constructi			
	on e.g.			
	buildings,			
	bridges			
	etc.			
	Recycle and re use			
	of water (Flat rate)			
	Easement (Flat			
	rate)			
	Loss of permit (Flat			
	rate)			
	Registration of			
	Water Users			
	Association (Flat			
	rate)			
	Data and			
	Information			
	Acquisition (Flat			
	rate)			
	Hydrogeological/Ge			
	ophysical Surveys			
	per Borehole site			
	Hydrological Survey			
	for every site/spot Drilling Permit			
	Penning Pennin			

Dodoma 24<sup>th</sup> October, 2019

MAKAME M. MBARAWA

Minister for Water