



Water Use Charges for Government Water Schemes and Water Resource Management Charges

2005/2006

KWAZULU NATAL REGION



water & forestry

Department:
Water Affairs and Forestry
REPUBLIC OF SOUTH AFRICA



Preface

This brochure contains the Water Resource Management and Water Consumptive charges that will come into effect from 1 April 2005.

Before finalising these charges, consultations were held with key national and local stakeholders including amongst others SALGA, SAAWU, Agri-SA, TAU, NAFU, and Forestry SA.

The consultation meetings led to a better understanding of the Raw Water Pricing Strategy and the main cost drivers. The charges were amended in a number of areas as a result of issues raised at the consultation meetings, but they do not represent a consensus position since DWAF must set charges in accordance with the National Water Act and the current Raw Water Pricing Strategy.

While the consultation process has significantly improved from previous years, we acknowledge that there is a need to consult earlier and will endeavour to do so in future.

The consultation process will also be addressed in the review of the Raw Water Pricing Strategy that is currently underway. This review should be completed in time to guide the setting of the 2006/7 charges.

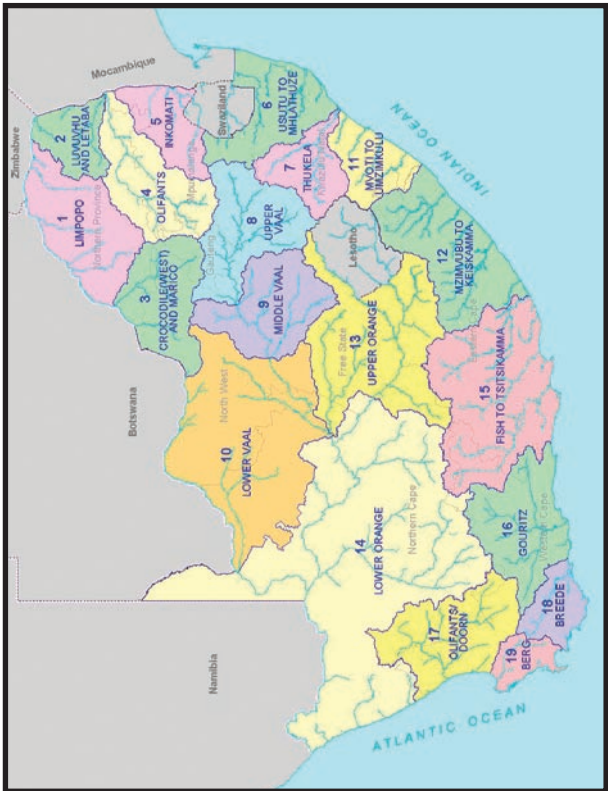


Mike Muller
Director-General
DEPARTMENT OF WATER AFFAIRS AND
FORESTRY

WRM Charge Summary by WMA

WMA	Domestic & Industrial 2005-6 Charge (c per cu m)	Agriculture 2005-6 Charge (c per cu m)	Forestry 2005-6 Charge (c per cu m)
1 Limpopo	1.35	0.98	0.73
2 Luvuvhu Letaba	1.82	1.21	0.84
3 Crocodile (w), Marico	1.08	0.92	0.73
4 Olifants	1.21	0.93	0.71
5 Inkomati	0.96	0.64	0.48
6 Usutu-Mhlatuze	0.5	0.44	0.34
7 Thukela	0.41	0.41	0.32
8 Upper Vaal	1.42	0.82	0.64
9 Middle Vaal	1.48	1.19	N/A
10 Lower Vaal	0.9	0.66	N/A
11 Mvoti-Umzimkulu	1.05	1.01	0.79
12 Mzimvubu-Keiskamma	1.53	1.06	0.73
13 Upper Orange	0.42	0.38	N/A
14 Lower Orange	0.85	0.57	N/A
15 Fish-Tsitsikamma	1.64	0.7	0.37
16 Gouritz	2.23	0.72	0.4
17 Olifants/Doorn	1.41	0.7	0.48
18 Breede	2.64	0.64	0.26
19 Berg	3.25	0.76	0.54

Map of the Water Management Areas and provincial borders



How to convert cents per m³ to Rand per hectare

The charges listed in the table for irrigation purposes are provided in cents per m³. Should you wish to convert it to Rand per hectare, please follow the instructions below:

Take the total charge in cent per m³ and divide it by 100. Take the answer and multiply it with the

water quota in m³ per hectare to get to the Rand per hectare amount.

For example:

Total Charge: 3.70 cent per m³/ 100 = R0.037 per m³

Total charge R0.037 per m³ x 3000 (water quota in m³ per hectare) = R111 per hectare

Understanding the abbreviations

WMA	Water Management Area A map of the Water Management Area is printed in this document for easy identification.
m ³	Cubic metre
Ha	Hectare
B	Bi-annually
A	Annually
TBA	To be advised
Billing Freq	Billing Frequency



Region: KwaZulu-Natal								
WMA (refer map)	Foot Notes	Government Water Scheme Name	Scheme Management Parameter	Charges for Irrigation Purposes		Charges for Domestic And Industrial		
				m ³ Quota Per Ha	Charge - Cent Per Cubic Metre (Irrigation)	Billing Freq	Charge - Cent Per Cubic Metre (Domestic & Industrial)	Charge - Cent Per Cubic Metre (TCTA)
6		HLUHLUWE RIVER GWS (HLUHLUWE DAM)	SCHEME	7320	7.64		19.38	
6		PONGOLA RIVER GWS (PONGOLAPOORT DAM AND MAKATINI FLATS)	FROM THE SCHEME (i.e. DAM, CANAL, RIVER)		2.00		14.63	
6		PONGOLA RIVER GWS (PONGOLAPOORT DAM AND MAKATINI FLATS)	TO RESOURCE POOR FARMERS FROM THE SCHEME (i.e. DAM, CANAL, RIVER)		7.47			

Region: KwaZulu-Natal					Charges for Irrigation Purposes		Charges for Domestic And Industrial	
WMA (refer map)	Foot Notes	Government Water Scheme Name	Scheme Management Parameter	m ³ Quota Per Ha	Charge - Cent Per Cubic Metre (Irrigation)	Billing Freq	Charge - Cent Per Cubic Metre (Domestic & Industrial)	Charge - Cent Per Cubic Metre (TCTA)
6		TUGELA-MHLATUZE GWS	FROM THE SCHEME TO ALL CONSUMERS (EXCLUDED DOMESTIC AND INDUSTRIAL USE)		2.50			
6	SERV	TUGELA-MHLATUZE GWS	FROM THE SCHEME TO MHLATUZE WATER FOR DOMESTIC AND INDUS- TRIAL USE			A	27.34	
6		TUGELA-MHLATUZE GWS	FROM THE SCHEME TO OTHER NON-SERVITUDE CONSUMERS (EXCLUD- ING MHLATUZE WATER) FOR DOMESTIC AND INDUSTRIAL USE				47.34	

Region: KwaZulu-Natal						Charges for Domestic And Industrial		
WMA (refer map)	Foot Notes	Government Water Scheme Name	Scheme Management Parameter	Charges for Irrigation Purposes		Billing Freq	Charge - Cent Per Cubic Metre (Domestic & Industrial)	Charge - Cent Per Cubic Metre (TCTA)
				m ³ Quota Per Ha	Charge - Cent Per Cubic Metre (Irrigation)			
6		WHITE MFOLOZI RIVER GWS (KLIPFONTEIN DAM)	FROM THE SCHEME	6500	6.18			
6	SERV	WHITE MFOLOZI RIVER GWS (KLIPFONTEIN DAM)	FROM THE SCHEME TO ULUNDI			A	41.47	
6	SERV	WHITE MFOLOZI RIVER GWS (KLIPFONTEIN DAM)	FROM THE SCHEME TO VRYHEID MUNICIPALITY			A	41.47	
7		BUSHMANS RIVER GWS (WAGENDRIFT DAM)	RAW WATER FROM BUSHMANS RIVER (WAGENDRIFT DAM) TO MASONITE				10.05	

Region: KwaZulu-Natal								
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				m ³ Quota Per Ha	Charge - Cent Per Cubic Metre (Irrigation)	Billing Freq	Charge - Cent Per Cubic Metre (Domestic & Industrial)	Charge - Cent Per Cubic Metre (TCTA)
7	SERV	BUSHMANS RIVER GWS (WAGENDRIFT DAM)	RAW WATER FROM BUSHMANS RIVER (WAGENDRIFT DAM) TO MUNICIPALITY OF ESCOURT			A	10.05	
7		BUSHMANS RIVER GWS (WAGENDRIFT DAM)	RAW WATER FROM BUSHMANS RIVER (WAGENDRIFT DAM) TO NESTLE				0.00	
7		BUSHMANS RIVER GWS (WAGENDRIFT DAM)	SCHEME	7150	2.48			

Region: KwaZulu-Natal							
WMA (refer map)	Foot Notes	Government Water Scheme Name	Scheme Management Parameter	Charges for Irrigation Purposes		Charges for Domestic And Industrial	
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					Billing Freq	Charge - Cent Per Cubic Metre (TCTA)	
7		MNYAMYUBU RIVER GWS (CRAIGIE BURN DAM)	SCHEME	7600	6.12		
7		NGAGANE RIVER GWS (NTSHINGWAYO DAM)	SCHEME		4.88	18.01	
7		TUGELA RIVER GWS (SPIOENKOP DAM)	SCHEME		4.75	11.29	
11		MDLOTI RIVER GWS (HAZELMERE DAM)	SCHEME	4600	11.20	53.50	
11		UMGENI RIVER GWS (MIDMAR, ALBERT FALLS AND INANDA DAMS)	SCHEME			15.64	

Foot notes and additional comments

Foot notes	
Serv	In case where a zero charge is to be applied in respect of volumes smaller or equal to servitudes volume, only the charges to be applied per every one m ³ in excess of the servitude arrangement is reflected.
Addition comments	
1	Charges for domestic and industrial use: to be applied per every one m ³ .
2	Charges for irrigation purpose: To be applied per every one m ³ .
3	Charges for the TCTA: To be applied per every one m ³ .
4	Any changes made to the charges, in the brochures, will be updated and published on the DWAF- website. These include: <ul style="list-style-type: none"> a Additional charges b Changes to the charges incorporated in the brochure: <ul style="list-style-type: none"> - Charges that are no longer to be applied (declared as OBSOLETE), - Changes to charges, - Changes to volume variables.
5	The charge for Resource Poor Farmers normally reflects the full amount without consideration of subsidies. Applicable subsidies are given as discounts during the billing process.

For more information, contact your nearest office of the Department of Water Affairs and Forestry

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