



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

2005/2006

NORTHERN CAPE 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.

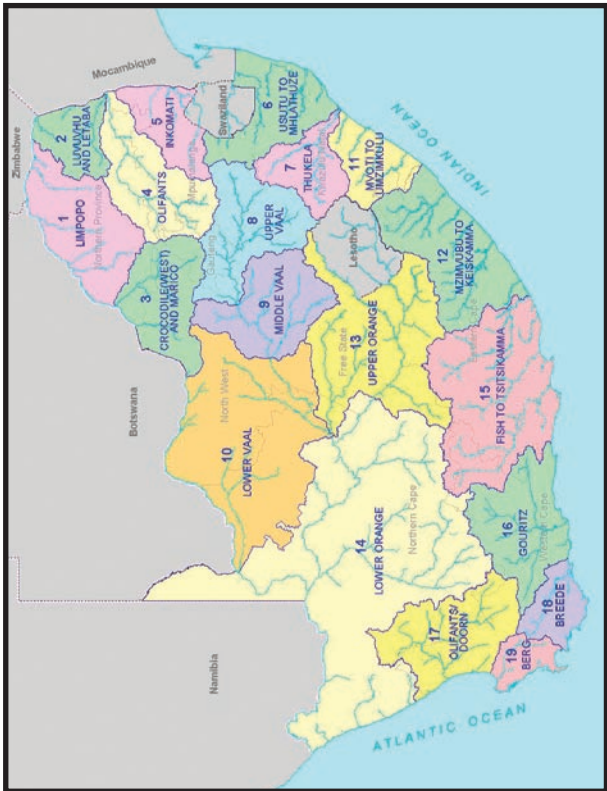


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# WRM Charge Summary by WMA

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 m<sup>3</sup> to Rand per hectare

The charges listed in the table for irrigation purposes are provided in cents per m<sup>3</sup>. Should you wish to convert it to Rand per hectare, please follow the instructions below:

Take the total charge in cent per m<sup>3</sup> and divide it by 100. Take the answer and multiply it with the

water quota in m<sup>3</sup> per hectare to get to the Rand per hectare amount.

### For example:

Total Charge: 3.70 cent per m<sup>3</sup>/ 100 = R0.037 per m<sup>3</sup>

Total charge R0.037 per m<sup>3</sup> x 3000 (water quota in m<sup>3</sup> 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 <sup>3</sup>	Cubic metre
Ha	Hectare
B	Bi-annually
A	Annually
TBA	To be advised
Billing Freq	Billing Frequency



Region: Northern Cape					Charges for Domestic And Industrial		
WMA (refer map)	Foot Notes	Government Water Scheme Name	Scheme Management Parameter	Charges for Irrigation Purposes		Charge - Cent Per Cubic Metre (Domestic & Industrial)	Charge - Cent Per Cubic Metre (TCTA)
				m <sup>3</sup> Quota Per Ha	Charge - Cent Per Cubic Metre (Irrigation)		
10	SERV	VAAL RIVER (SYSTEM) - MIDDLE VAAL BLOEMHOF TO WEIR	BLOEMHOF MUNICIPALITY		A	26.82	131.58
10	SERV	VAAL RIVER (SYSTEM) - MIDDLE VAAL BLOEMHOF TO WEIR	WARRENTON MUNICIPALITY		A	26.82	131.58

Region: Northern Cape				Charges for Irrigation Purposes		Charges for Domestic And Industrial		
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10		VAAL RIVER (VAALHARTS)	KLIP DAM - BARKLY CANALS AND VAALHARTS SMALLHOLDINGS		0.62		26.82	131.58
10		VAAL RIVER (VAALHARTS)	RESOURCE POOR FARMERS - GANSPAN		0.62			
10		VAAL RIVER (VAALHARTS)	RESOURCE POOR FARMERS - TAUNG CANAL SYSTEM		0.62			
10		VAAL RIVER (VAALHARTS)	VAALHARTS MAIN, NORTH AND WEST CANALS		0.62		26.82	131.58

Region: Northern Cape				Charges for Irrigation Purposes		Charges for Domestic And Industrial		
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10		VAAL-GAMAGARA REGIONAL WATER SUPPLY	CLIFTON TO ROSCOE [PURIFIED WATER FROM VAAL RIVER]				292.19	131.58
10		VAAL-GAMAGARA REGIONAL WATER SUPPLY	FROM SISHEN GROUNDWATER [KALAHARI EAST]				52.90	
10		VAAL-GAMAGARA REGIONAL WATER SUPPLY	KNEUKEL TO CLIFTON [PURIFIED WATER FROM VAAL RIVER]				198.12	131.58



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10		VAAL-GAMAGARA REGIONAL WATER SUPPLY	PURIFICATION WORKS TO KNEUKEL INCLUDING DELPORTSHOOP [PURIFIED WATER FROM VAAL RIVER]				141.51	131.58
10		VAAL-GAMAGARA REGIONAL WATER SUPPLY	ROSCOE TO BLACKROCK [PURIFIED WATER FROM VAAL RIVER]				338.41	131.58
10		VAAL-GAMAGARA REGIONAL WATER SUPPLY	ROSCOE TO OLIFANTSHOEK [PURIFIED WATER FROM VAAL RIVER]				285.17	131.58

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10		VAAL-GAMAGARA REGIONAL WATER SUPPLY	SISHEN TO BLACKROCK [GROUNDWATER FROM SISHEN]				283.19	
10		VAAL-GAMAGARA REGIONAL WATER SUPPLY	SISHEN TO OLIFANTSHOEK [GROUNDWATER FROM SISHEN]				262.64	
10		VAAL-GAMAGARA REGIONAL WATER SUPPLY	SUPPLEMENTRY WATER FROM VAAL RIVER IN CASE OF EMERGENCY [KALAHARI EAST]				52.90	

Region: Northern Cape				Charges for Irrigation Purposes			Charges for Domestic And Industrial	
WMA (refer map)	Foot Notes	Government Water Scheme Name	Scheme Management Parameter	m <sup>3</sup> Quota Per Ha	Charge - Cent Per Cubic Metre (Irrigation)	Billing Freq	Charge - Cent Per Cubic Metre (Domestic & Industrial)	Charge - Cent Per Cubic Metre (TCTA)
14		LOWER ORANGE/ NAMAQUALAND	ALEXCOR (RAW WATER ABSTRACTED FROM ANY OF THE DAMS AS WELL AS THE ORANGE RIVER)				5.52	
14		LOWER ORANGE/ NAMAQUALAND	KEIMOES BUILDING PREMISES (RAW WATER ABSTRACTED FROM ANY OF THE DAMS AS WELL AS THE ORANGE RIVER)				5.52	
14		LOWER ORANGE/ NAMAQUALAND	KEIMOES MUNICIPALITY (RAW WATER ABSTRACTED FROM ANY OF THE DAMS AS WELL AS THE ORANGE RIVER)				5.52	

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14		LOWER ORANGE/ NAMAQUALAND	RESOURCE POOR FARMERS - SECTION OF LOWER ORANGE BETWEEN BOEGOEBERG AND THE SEA		1.06			
14		LOWER ORANGE/ NAMAQUALAND	SECTION OF LOWER ORANGE BETWEEN BOEGOEBERG AND THE SEA		1.06		5.52	
14		LOWER ORANGE/ NAMAQUALAND	UPINGTON MUNICIPALITY (RAW WATER ABSTRACTED FROM ANY OF THE DAMS AS WELL AS THE ORANGE RIVER)				5.52	

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14		MIDDLE ORANGE	LOWER ORANGE BETWEEN DOUGLAS & BOEGOEBERG		1.06			
14		MIDDLE ORANGE	PRIESKA MUNICIPALITY (RAW WATER ABSTRACTED FROM ANY OF THE DAMS AS WELL AS THE ORANGE RIVER)			A	5.52	
14		MIDDLE ORANGE	RESOURCE POOR FARMERS - (LOWER ORANGE BETWEEN DOUGLAS & BOEGOEBERG)		1.06			
14		ORANGE RIVER (BOEGOEBERG DAM)	CANAL	15000	1.06		5.52	

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14		ORANGE RIVER (BOEGOEBERG DAM)	FROM THE RIVER	15000	1.06		5.52	
14		ORANGE RIVER (BOEGOEBERG DAM)	RESOURCE POOR FARMERS - (BOEGOEBERG DAM)	15000	1.06			
14		ORANGE RIVER (KAKAMAS)	CANAL	15000	1.06			
14		ORANGE RIVER (KAKAMAS)	FROM THE RIVER	15000	1.06		5.52	
14		ORANGE RIVER (KAKAMAS)	RESOURCE POOR FARMERS - (KAKAMAS)		1.06			

## 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 <sup>3</sup> in excess of the servitude arrangement is reflected.
Addition comments	
1	Charges for domestic and industrial use: to be applied per every one m <sup>3</sup> .
2	Charges for irrigation purpose: To be applied per every one m <sup>3</sup> .
3	Charges for the TCTA: To be applied per every one m <sup>3</sup> .
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"> <li>a Additional charges</li> <li>b Changes to the charges incorporated in the brochure:               <ul style="list-style-type: none"> <li>- Charges that are no longer to be applied (declared as OBSOLETE),</li> <li>- Changes to charges,</li> <li>- Changes to volume variables.</li> </ul> </li> </ul>
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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