



## Latest WRC Publications

### Agricultural Water Management

**1267/1/04**

Socio-economic study on water conservation techniques in semi-arid areas

Kundhlande G; Groenewald DC; Baiphethi MN; Viljoen MF; Botha JJ; van Rensburg LD; Anderson JJ

International Price: \$30.00

**1210/1/04**

Laboratory and field scale evaluation of agricultural use of sewage sludge

Snyman HG; van der Waals JH

International Price: \$30.00

**KV 149/04**

Development of a general strategy for optimizing the efficient use of primary water resources for effective alleviation of rural poverty.

Laker MC

International Price: \$25.00

### Catchment Hydrology

**1219/1/04**

Improving the basis for predicting total evaporation from natural veld types in South Africa

Jarman C; Govender M; Everson CS

International Price: \$30.00

### Conservation of Water Ecosystems

**1108/1/04**

Early development of water quality methods and approaches in ecological reserve assessments

Palmer CG; Scherman P-A; Muller WJ; Rossouw JN; Malan HL; Jooste S

International Price: \$25.00

**TT 217/04**

Environmental water quality in water resources management

Palmer T; Berold R; Muller N

International Price: \$10.00

**TT 220/04**

Guidelines for integrating the protection, conservation and management of wetlands into catchment management planning.

Dickens C; Kotze D; Mashigo S; MacKay H; Graham M

International Price: \$30.00 (NB:

Available on CD and in hard copy)

**TT 234/04**

Benthic diatoms in the rivers and estuaries of South Africa

Bate GC; Smailes PA; Adams JB

International Price: \$35.00

**TT 213/04**

Freshwater fish and human health: Reference guide.

Heath R; du Preez H; Genthe B; Avenant-Oldewage A

International Price: \$25.00

**KV 154/04**

A further investigation into using a risk-based approach for setting integrated environmental objectives for the protection of water resources

International Price: \$15.00

### Developing Communities: Water Supply and Sanitation

**1282/1/04**

Microbial communities and water quality in the Mhlathuze river

Lin Johnson

International Price: \$20.00

**KV 151/04**

Understanding the sustainable management of small water treatment plants in rural communities: a systems thinking study

Murray K; du Preez M; Lebone M; Pearson IA

International Price: \$20.00

**KV 155/04**

Implementing livelihoods-based approach to water services and sanitation: Duncan village project

Bakumeni NP

International Price: \$10.00

### Groundwater

**1235/1/04**

A functional approach to setting resource quality objectives for groundwater

Colvin C; Cave L; Saayman I

International Price: \$20.00

**936/1/04**

Karoo Aquifers: Deformations, hydraulic and mechanical properties

Botha JF; Cloot AHJ

International Price: \$25.00

**1326/1/04**

Identification and prioritisation of groundwater contaminants and sources in South Africa's urban catchment

Usher BH; Pretorius JA; Dennis I; Jovanovic N; Clarke S; Cave L; Titus R; Xu Y

International Price: \$30.00

### Industrial Water Management

**1231/1/04**

Membrane reactor for the electrocatalytic minimization of organic matter in water and effluents

Linkov VM; Maluleke A

International Price: \$25.00

**940/1/04**

Electrochemical treatment for the removal of sulphates from acid mine drainage

Smit J; van Zyl HC; Anglo Gold

International Price: \$20.00

### Integrated Water Resource Management

**1118/1/04**

A pilot study to demonstrate implementation of the national microbial monitoring programme.

Murray K; du Preez M; Kuhn A; Van Niekerk H

International Price: \$20.00

**TT 213/04**

Freshwater fish and human health : Reference guide.

Heath R; du Preez H; Genthe B; Avenant-Oldewage A

International Price: \$25.00

### Hydroclimatology

**1013/1/04**

Longterm, high resolution records of climate variability from cave speleothems in cold air cave, Makapans Valley, Limpopo Province

Lee-Thorp JA

International Price: \$25.00

### Mine Water Management

**1056/1/04**

Long-term impact of intermine flow from collieries in the Mpumalanga coalfields

Grobbelaar R; Usher BH; Cruywagen L-M;

de Necker E; Hodgson FDI

International Price: \$20.00

To order, please call Rina Winter or Judas Sindana at the Water Research Commission. Tel: 012 330 0340.

Fax: 012 331 2565. E-mail: [publications@wrc.org.za](mailto:publications@wrc.org.za)

940/1/04

Electrochemical treatment for the removal of sulphates from acid mine drainage  
Smit J; van Zyl HC; Anglo Gold  
International Price: \$20.00

**Municipal Wastewater Management**

1210/1/04

Laboratory and field scale evaluation of agricultural use of sewage sludge  
Snyman HG; van der Waals JH  
International Price: \$30.00

1283/1/04

A metal content survey of South African sewage sludge and an evaluation of analytical methods for their determination in sludge  
Snyman HG; Herselman JE; Kasselmann G  
International Price: \$25.00

**Potable Water Supply**

KV 151/04

Understanding the sustainable management of small water treatment plants in rural communities: a systems thinking study  
Murray K; du Preez M; Lebone M; Pearson IA  
International Price: \$20.00

821/1/04

A study of viable-but-not-culturable pathogens in water  
Pillay B; Pillay D  
International Price: \$20.00

1127/1/04

The development and evaluation of new South African ozoniser technology for removal of enteric viruses and tastes and odours present in Harteespoort dam water  
Strydom R  
International Price: \$15.00

1224/1/04

The use of ultraviolet light alone, or in combination with cavitation flow and ultrasonic devices, to inactivate protozoan cysts and ecocysts in the small and large scale treatment of drinking water.  
van der Walt E; Grundling M  
International Price: \$15.00 (NB:  
ONLY AVAILABLE on CD; not in HardCopy)

1389/1/04

Mocasim workbook  
van Zyl JE; Kretzmann HA  
International Price: \$20.00

**Water Policy**

1297/1/04

The facilitation of trade in water use entitle-

ments by the National Water Act in South Africa

Mullins D; Döckel JA; Mosaka DD; Parkies G; Sellick C; Thompson H  
International Price: \$25.00

TT 232/04

An assessment of the water policy process in South Africa (1994 to 2003). Read the [report abstract](#) or the [full report](#) (pdf format; downloadable) <sup>9%</sup>  
de Coning C; Sherwill T  
International Price: \$15.00

**Water Quality Management**

1282/1/04

Microbial communities and water quality in the Mhlathuze river  
Lin Johnson  
International Price: \$20.00

1118/1/04

A pilot study to demonstrate implementation of the national microbial monitoring programme.  
Murray K; du Preez M; Kuhn A; van Niekerk H  
International Price: \$20.00

821/1/04

A study of viable-but-not-culturable pathogens in water  
Pillay B; Pillay D  
International Price: \$20.00