

**Document List**

A very large number of documents was consulted in compiling the NWRS. In general only the primary, departmentally-approved reference to a particular topic is listed here, and this will lead the reader on to subsidiary, more detailed documents. As additional documents are developed and finalised they will be placed on the Department's Internet site - <http://www.dwaf.gov.za>.

**• Policy**

Water Supply and Sanitation Policy, White Paper, Department of Water Affairs and Forestry. November 1994

White Paper on a National Water Policy for South Africa, Department of Water Affairs and Forestry, April 1997.

White Paper on Disaster Management, Ministry for Provincial Affairs and Constitutional Development, January 1999.

Strategic Framework for Water Services, Department of Water Affairs and Forestry, September 2003.

**• Legislation**

Constitution of the Republic of South Africa (No. 108 of 1996).

Water Services Act (No. 108 of 1997).

National Water Act (No. 36 of 1998).

Environmental Conservation Act (No. 73 of 1989)

National Environmental Management Act (No. 107 of 1998).

Public Finance Management Act (No. 29 of 1999).

Promotion of Administrative Justice Act (No. 2 of 2000).

Promotion of Access to Information Act (No. 3 of 2000).

National Disaster Management Act (No. 57 of 2002).

**• Water Resources Planning**

Overview of Water Resources Availability and Utilisation in South Africa, BKS Inc for DWAF, Report P RSA/00/0197 May 1997, ISBN 0 7970 3540 0

Reports on Water Resources Situation Assessment Studies

- WMA 1 Limpopo: Main Report No. 01000/00/0301, DWAF, August 2001.
- WMA 2 Luvuvhu and Letaba: Main Report No. 02000/00/0301, DWAF, August 2001.
- WMA 3 Crocodile West and Marico: Main Report No. 03000/00/0301, DWAF, August 2001.
- WMA 4 Olifants: Main Report No. 04000/00/0301, DWAF, August 2001.
- WMA 5 Inkomati: Main Report No. 05000/00/0301, DWAF, August 2001.
- WMA 6 Usutu to Mhlatuze: Main Report No. 06000/00/0301, DWAF, August 2001.
- WMA 7 Thukela: Main Report No. 07000/00/0301, DWAF, August 2001.
- WMA 8 Upper Vaal: Main Report No. 08000/00/0301, DWAF, August 2001.
- WMA 9 Middle Vaal: Main Report No. 09000/00/0301, DWAF, August 2001.
- WMA 10 Lower Vaal: Main Report No. 10000/00/0301, DWAF, August 2001.
- WMA 11 Mvoti and Umzimkulu: Main Report No. 11000/00/0301, DWAF, August 2001
- WMA 12 Mzimvubu to Keiskamma: Main Report No. 12000/00/0301, DWAF, August 2001
- WMA 13 Upper Orange: Main Report No. 13000/00/0301, DWAF, August 2001.
- WMA 14 Lower Orange: Main Report No. 14000/00/0301, DWAF, August 2001.
- WMA 15 Fish to Tsitsikamma: Main Report No. 15000/00/0301, DWAF, August 2001.
- WMA 16 Gouritz: Main Report No. 16000/00/0301, DWAF, August 2001.
- WMA 17 Olifants/Doring: Main Report No. 17000/00/0301, DWAF, August 2001.
- WMA 18 Breede: Main Report No. 18000/00/0301, DWAF, August 2001.
- WMA 19 Berg: Main Report No. 19000/00/0301, DWAF, August 2001.

The Distribution of South Africa's Population, Economy and Water Usage into the Long Term Future, L Schlemmer and Markdata (Pty) Ltd for DWAF, 2001.

Economic Information System 2000, Urban Econ for DWAF, 2000.

#### Overview of Water Resource Availability and Utilisation reports

- WMA 1 Limpopo: Report No. P WMA 01/000/00/0203.
- WMA 2 Levuvhu and Letaba: Report No. P WMA 02/000/00/0203.
- WMA 3 Crocodile (West) and Marico: Report No. P WMA 03/000/00/0203.
- WMA 4 Olifants: Report No. P WMA 04/000/00/0203.
- WMA 5 Inkomati: Report No. P WMA 05/000/00/0203.
- WMA 6 Usutu to Mhlatuze: Report No. P WMA 06/000/00/0203.
- WMA 7 Thukela: Report No. P WMA 07/000/00/0203.
- WMA 8 Upper Vaal Report No. P WMA 08/000/00/0203.
- WMA 9 Middle Vaal: Report No. P WMA 09/000/00/0203.
- WMA 10 Lower Vaal: Report No. P WMA 10/000/00/0203.
- WMA 11 Mvoti to Umzimkulu: Report No. P WMA 11/000/00/0203.
- WMA 12 Mzimvubu to Keiskamma: Report No. P WMA 12/000/00/0203.
- WMA 13 Upper Orange: Report No. P WMA 13/000/00/0203.
- WMA 14 Lower Orange: Report No. P WMA 14/000/00/0203.
- WMA 15 Fish to Tsitsikamma: Report No. P WMA 15/000/00/0203.
- WMA 16 Gouritz: Report No. P WMA 16/000/00/0203.
- WMA 17 Olifants/Doorn: P WMA 17/000/00/0203.
- WMA 18 Breede: Report No. P WMA 18/000/00/0203.
- WMA 19 Berg: Report No. Report No. P WMA 19/000/00/0203.

#### • Resource Protection

##### Resource Directed Measures for Protection of Water Resources

- Volume 2: Integrated Manual, Version 1.0, DWAF, 1999
- Volume 3: River Ecosystems, Version 1.0, DWAF, 1999
- Volume 4: Wetland Ecosystems, Version 1.0, DWAF, 1999
- Volume 5: Estuarine Ecosystems, Version 1.0, DWAF, 1999
- Volume 6: Groundwater Component, Version 1.0, DWAF, 1999

Ecological importance and sensitivity and present ecological state tables (compiled as input to the national water balance model), DWAF Internal report, 2000

A desktop model used to provide an initial estimate of the ecological instream flow requirements of rivers, Hughes DA and Hannart P, 2002, in South African Journal. Of Hydrology 270, Pp 167-181

Methodology for the determination of the preliminary Ecological Reserve for rivers. Version 2, DWAF, 2003

Methodology for the determination of the preliminary ecological Reserve for estuaries, Version 2, DWAF, Pretoria

Environmental Flow Assessments for Rivers: Manual for the Building Block Methodology, King JM, Tharme RE & De Villiers MS (eds), 2000, Water Research Commission Report No. TT131/00. Water Research Commission, Pretoria

A summary of the DRIFT process for Environmental Flow Assessments for Rivers, Brown C and King JM, 2000, Southern Waters Information Report No. 01/00

SPATSIM: An integrating framework for ecological Reserve determinations and implementation. Incorporating water quality and quantity components for rivers, Hughes, DA (Ed), 2004, Report to the Water Research Commission

#### • Water Use

Water use authorisation process (individual applications), Edition 1, DWAF, 2000

#### • Water Quality Management

##### South African Water Quality Guidelines

- Volume 1, Domestic use, 2nd Edition, DWAF, 1996.
- Volume 2, Recreational use, 2nd Edition, DWAF, 1996.
- Volume 3, Recreational use, 2nd Edition, DWAF, 1996.
- Volume 4, Agricultural use, 2nd Edition, DWAF, 1996.
- Volume 5, Industrial use, 2nd Edition, DWAF, 1996.
- Volume 6, Agricultural use: Aquaculture, 2nd Edition, DWAF, 1996
- Volume 7, Aquatic Ecosystems, 2nd Edition, DWAF, 1996

## South African Water Quality Guidelines for Coastal Marine Waters

- Volume 1, Natural Environment, 1st Edition, DWAF, 1996
- Volume 2, Recreational Use, 1st Edition, DWAF, 1996.
- Volume 3, Industrial Use, 1st Edition, DWAF, 1996.
- Volume 4, Mariculture, 1st Edition, DWAF, 1996.

## Quality of Domestic Water Supplies

- Vol. 1: Assessment Guide, 2nd Edition, DWAF, 1998.
- Vol. 2: Sampling Guide, 1st Edition, DWAF, 2000.
- Vol. 3: Analysis Guide, 1st Edition, DWAF, 2001.

Policy and Strategy for Groundwater Quality Management, DWAF, 2000

Managing the Water Quality Effects of Settlements - National Strategy, DWAF, 2nd Edition, 2001

National Waste Management Strategy, DWAF & DEAT, 1999

- **Water Conservation and Water Demand Management**

National Water Conservation and Water Demand Management Strategy, DWAF, 2004

Water Conservation and Water Demand Management Strategy for the Water Services Sector, DWAF, 2004

Water Conservation and Water Demand Management Strategy for the Industry, Mining and Power Generation Sectors, DWAF, 2004

Water Conservation and Water Demand Management Strategy for the Agriculture Sector, DWAF, 2004

- **Water Pricing**

A Pricing Strategy for Water Use Charges in terms of Section 56 of the National Water Act, 1998: Pricing Strategy for Raw Water Use Charges, Department of Water Affairs and Forestry, Government Notice No. 1353, 12th November 1999.

Towards a Strategy for a Waste Discharge Charge System, DWAF, September 2003

- **Institutional Arrangements**

Establishing a Catchment Management Agency: Guide 1 in the CMA/WUA guide series, DWAF, August 2001.

The Catchment Management Agency as an organisation, Guide 2 in the CMA/WUA guide series, DWAF, August 2001.

Establishing a Water User Association, Guide 3 in the CMA/WUA guide series, DWAF, August 2001.

Public participation for Catchment Management Agencies and Water User associations, Guide 4 in the CMA/WUA guide series, DWAF, August 2001.

CMA proposal development: proposal framework and evaluation criteria, DWAF, December 2001.

Guidelines on the viability study for the establishment of CMA, DF, November 2001.

Advisory Committee for the establishment of CMA governing board, DWAF, October 2001.

Terms of Reference for the CMA Governing Board, DWAF, May 2003.

Guide on transformation of Irrigation Boards into water User Associations, DWAF, August 2001

Empowerment of the poor through agricultural WUAs, DWAF, February 2002

Protocol on transfer of DWAF personnel to CMAs, DWAF, September 2002

Guidelines for the CMA structure: Organisational guidelines - Remuneration for board members and the Chief Executive Officer, DWAF, February 2002

Development of a Generic Framework for a Catchment Management Strategy, DWAF, Jan 2001

- **Monitoring and Information**

A Strategy for Monitoring and Assessment Information Systems to support Water Resources Management, DWAF, March 2000

A National Microbial Water Quality Monitoring to Assess Faecal Pollution of South African Surface Water Resources: Conceptual Monitoring Programme Design, DWAF, 1999.

National Microbial Water Quality Monitoring Programme Implementation Manual, DWAF, 1999.

National Aquatic Ecosystem Biomonitoring Programme: Overview of the design process and guidelines for implementation. DWAF, 1997.

State of the Crocodile River – Mpumalanga. A Report of the South African River Health Programme, Sub-programme of the National Aquatic Ecosystem Biomonitoring Programme.

State-of-Rivers Report: Crocodile, Sabie-Sand & Olifants River Systems, Water Research Commission Report No. TT 147/01, 2000.

- **Environmental Management**

First Edition Environmental Implementation and Management Plan in terms of Chapter 3 of the National Environmental Management Act, 1998 (No 107 of 1998), DWAF, Government Notice No 1357, 14th December 2001

- **International Water Resources Management**

Revised Protocol on Shared Watercourses in the Southern African Development Community, signed by Member States August 2000, ratified September 2003.