



DRINKING WATER QUALITY

conference

SUN CITY • 19 – 22 August 2007

1st Announcement

THEMES:

1. Drinking Water Quality Management in South Africa: Catchment to Consumer
2. Drinking Water Quality Regulation in South Africa
3. DWQ Technical Assistance Programme
4. Implementation Plans for Water Safety and Security in 2010
5. Industries: What is being done to protect water quality
6. Resource protection and catchment management
7. DWQ Information Management

OVERVIEW:

- Access to safe drinking water is essential to health and is a basic human right.
- Improving access to safe drinking water can thus result in tangible benefits to public health and every effort should be made to ensure that the quality of drinking water is not compromised.
- While significant progress has recently been made in the provision of safe drinking water and sanitation, current investigations have shown that there are still instances where drinking water does not meet the required drinking water quality standards.
- With the 2010 World Cup just around the corner, the issue of drinking water quality will now become even more crucial.
- The problem is further exacerbated by skills deficiencies, staff shortages and ageing infrastructure in many of our water works. Mandatory process controlling training initiatives are being explored to ensure a sustainable means towards treatment skills development.
- In recognition of these challenges, a Drinking Water Quality Framework has been prepared to enable effective management of drinking water quality in South Africa to protect public health. A technical assistance has also been established to ensure that drinking water quality is not compromised.
- DWAF will be launching the national DWQ Framework at this conference and papers (DWQ information management initiatives) will be presented describing among others, the current status of drinking water quality in the country, steps taken to improve drinking water quality, the DWQ Technical Assistance Programme, 2010 Water Safety & Security Plans) and various other case studies.

DRAFT PROGRAMME

19 August 2007 (Sunday)

16:00 – 18:00 Registration
18:30 - 20:00 Welcoming Cocktail

20 August 2007 (Monday)

08:30 – 09:30 Registration

Opening Session Facilitator: Ms. Thoko Sigwaza (*DWAF: Water Services Regulation*)

09:30 – 09:50 Welcoming:

1. WISA

Wally Mayne (Chief Executive: WISA)

2. DWAF

Helgard Muller (Chief Director: WS DWAF)

09:50 – 10:00 Word from Conference Chairperson

Sue Freese WISA

10:00 – 10:30 Entertainment / Motivational Speaker

TBD

10:30 – 11:00 Key Note Address: DWAF Management

DG / *DDG:Regions / Act DDG:P&R DWAF*

11:00 – 11:30 TEA

Session 1 Facilitator: Elias Nkuna (*DWAF: Water Services Regulation*)

11:30 – 12:00 A Drinking Water Quality Framework for South Africa (Improving DWQ Credibility)

Leonardo Manus

DWAF: Water Services Regulation

12:00 – 12:30 Catchment to Consumer- Drinking Water Quality Management

Kim Hodgson

Umgeni Water

12:30 – 13:00 Managing Drinking Water Quality in South Africa (Interpretation of SANS 241:2006)

Dr. Chris Viljoen

Rand Water

13:00 – 14:00 LUNCH

14:00 – 15:15 Session 2a Facilitator: Gerhard Offringa
Water Research Commission

Session 2b Facilitator: Antonino Manus

DWAF: Water Services: Policy & Strategy

14:00 – 14:20 Point of use Contamination Risks.

Case Study: Walkerton, Canada

Are communal standpipes a viable option?

Keith Wilson

Prof. Paul Jagals - *University of Johannesburg*

Ontario Ministry of Environment

14:20 – 14:40 Disinfection in Small Water Treatment Systems. (WRC project)

Case Study: Aluminum in Grahamstown Drinking Water

Prof. Maggie Momba

Andrew Lucas

Tshwane University of Tech.

DWAF: Eastern Cape Region

14:40 – 15:00 Various options of disinfection as a possible answer to contaminated sub-surface water.

Optimizing Treatment efficiency in Grahamstown

Neal Bromley (TBC)

Peter Thompson

Jeffares & Green

Umgeni Water

15:00 – 15:15 Questions & Answers

Questions & Answers

15:15 – 15:45 TEA

15:45 – 17:00 Session 3a Facilitator: Adelaide Monyepao
Sekhukhune District Municipality

Session 3b Facilitator: Vivindran Naidoo

DWAF: KZN Regional Office

15:45 – 16:05 Alignment between Regulatory Performance Monitoring System and DWQ regulatory system.

Case Study: Bloemfontein E-Coli Failure

Robyn Thompson

Coreen Jagals

Jefferas & Green

DWAF: Free State Region

16:05 – 16:25 Enforcement Protocol

Delmas Report

Bongiwe Msane

Mariette Griesel

DWAF: WS Regulation

DWAF: Resource Quality Services

16:25 – 16:45 Draft Water Services Regulation Strategy

National Overview of DWQ Gap Analysis

Kavitha Kassie-Ruplal

Unathi Jack (*Emanti Management*)

DWAF: WS Regulation

& Louis Hattingh (*WRP*)

16:45 – 17:00 Questions & Answers

Questions & Answers

21 August 2007 (Tuesday)

09:00 - 11:00	Session 4 Facilitator: Leonardo Manus (<i>DWAF: Water Services Regulation</i>)	
09:00 – 09:25	Let the Youth Decide on the Quality of Tomorrow's Water - Award winning water quality monitoring schools project	Shelly Lucas Scholar from East London
09:25 – 09:50	The Political Will to Improve the Quality of Drinking Water - <i>The Story of Kakamas</i>	Clr. A. Brookes Mayor of !Kai Garib Municipality
09:50 – 10:15	Management's commitment is essential to resolve DWQ problems - <i>Bloemfontein</i>	Ms. Noleen Morris CEO of Bloem Water
10:15 – 10:40	Drinking Water Quality Management from Municipal Engineering Perspective	Eddie Delport IMESA Representative
11:00 – 11:30	TEA	
11:30 – 13:00	Session 5 Facilitator: Noeleen Basson (<i>Sedibeng Water</i>)	
11:30 – 12:00	Catchment Management Impacts on Drinking Water Quality	Chris Dickens
12:00 – 12:30	Waste Water Discharge Impacts on Drinking Water Quality	Coreen Jagals – de Kock & Grant McKintosh
12:30 – 13:00	Resource Protection in Ontario, Canada	Keith Wilson Ontario Ministry of Environment
13:00 – 14:00	LUNCH	
14:00 – 15:15	Session 6a Facilitator: Bonolo Letlhaku (<i>Central District Municipality</i>)	Session 6b Facilitator: Patrick Makhado (<i>DWAF Water Services Regulation</i>)
14:00 – 14:20	Introduction to eWISA Gareth McConkey	Drinking Water Quality Monitoring Programme Design and Audit Kim Hodgson <i>Umgeni Water</i>
14:20 – 14:40	A Tool to improve DWQ Management at Water Services Authority Level Allestair Wensley <i>DWAF: WS Planning & Info</i>	The need for Water Safety and Security Plans as part of the 2010 Action Plan. Peter Thompson/Sameera Majam
14:40 – 15:00	An Operational Tool for small Water Treatment Systems Chris Swart	Bottled Water vs. Tap water. Is the difference in cost justified? Bonani Monyai <i>DWAF: WS Regulation</i>
15:00 – 15:15	Questions & Answers	Questions & Answers
15:15	Early Closure to allow for Dinner Preparations	

22 August 2007 (Wednesday)

WORKSHOPS

09:00 – 11:00	Session 7a Facilitators: Mariette Griesel (<i>DWAF Resource Quality Services</i>) & Phillip de Sousa (<i>Emanti Management</i>) Reviewing Drinking Water Quality Legislation. Engaging in a participatory effort to review the secondary legislation together with the relevant national standards.	Session 7b Facilitators: Prof. Maggie Momba (<i>Tshwane University of Technology</i>) & Andrew Lucas (<i>DWAF: Eastern Cape Region</i>) The Registration and Auditing of Water Quality Laboratories. Brainstorming ideas and ways of embracing the challenge to ensure credible DWQ analysis results.
11:00 – 11:30	TEA	
11:30 – 12:30	Session 8a Facilitators: Petunia Ramunenyiwa (<i>DWAF: WS Sector Development</i>) &	Session 8b Facilitators: Sue Freese (<i>WISA</i>) & Sameera Majam (<i>Umgeni Water</i>)

(DWAF: WQ Sector Development) & Patrick Makhado (DWAF: Water Services Regulation)

Sameera Majidi (Oriyen Water)

Mandatory Training of Treatment Plant Operators & Process Controllers.

Developing a DWQ Operations Capacity Building Strategy.

Boil Water Notices.

Brainstorming the do's and don'ts of boil water alerts Workshop product to be documented and provided as a guideline for S A Water Services Institutions.

12:30

LUNCH

● **TO REGISTER:**

Delegate Registration Fee: R 3 300-00 per delegate (excl VAT)

Delegate Fee Includes: 3 Full Days Conferencing
3 Lunches
All conference collateral
All Tea and Coffee Breaks
Welcome Cocktail
Gala Dinner

To register please go to: <http://www.soafrika.com/events/dwafwq/reg.htm> Or [click here to register online](#)

● **ACCOMMODATION:**

Sun City Cabanas: R510-00 per person, per night, sharing accommodation
R930-00 per person, per night, single accommodation

Please Note: Minimum 3 night booking
Rate includes breakfast

● **TRANSFER:**

Transfers will be available from OR Tambo International Airport to Sun City

● **CONTACT INFORMATION:**

Conference registration and information

Conference Secretariat: Taryn van Rooyen

Monday – Friday 08:30 – 16:00

Phone: 011 463 5085
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