

Chief Executive's Annual Report 2008-09

1. OVERVIEW

The period under review effectively commenced for the Water Institute of Southern Africa (WISA) with the holding of WISA 2008 AGM on 18 May 2008.

Some of the more noteworthy achievements of the Institute in the period under review include:

- Between May 2008 and May 2009 the Institute grew by 269 additional members contrary to the international trend of decreasing membership of voluntary associations
- The cadre of Patron Members increased by an additional 7 organisations as the major stakeholders in the water sector recognised the value of supporting and being associated with the Institute.
- Five conferences were arranged during the period under review, including the WISA Biennial Conference.
- The compilation and distribution of 16 issues of the WISA newsletter keeping members updated regarding WISA, South African and international news & events
- The compilation and distribution of the 2008 Annual WISA Directory bringing in an additional income to WISA of some R158 000.
- The compilation and distribution of the WISA Annual Magazine based on the Annual Report for the benefit of the members
- The continued development and popularity of the eWISA website which currently achieves about 350 "hits" or visits per day
- The Excellence in Water Research Awards was another great event that was well attend, the Memorial Lecturer for the 2008 Awards was Prof Jannie Maree.
- The departure of Mr. Wallace Mayne and appointment of Mr. Junior Potloane as the new Chief Executive from January 2009.

My thanks go to the office-bearers and members of the various WISA organisational structures for the loyalty and commitment to the Institute and for frequently providing invaluable assistance at short notice. Without volunteers of their calibre WISA could never hope to achieve its three strategic driving forces, namely, "building expertise, sharing knowledge and improving quality of life".

2. SUMMARY OF COUNCIL, EXECUTIVE BOARD AND PORTFOLIO COMMITTEE MEETINGS

2.1 Council: Three Council meetings were held during the period under review:

- 9 October 2008
- 8 April 2009
- 27 May 2009

2.2 Executive Board: Five Executive Board meetings were held during the period under review:

- 18 May 2008
- 31 July 2008
- 20 November 2008
- 4 February 2009
- 7 May 2009

2.3 Portfolio Committees: The following Portfolio Committee meetings were held during the period under review:

- Finance & HR - 7 May 2008, 24 July 2008, 18 November 2008, 21 January 2009
- Education, Training & Youth Development – 22 May 2008, 4 September 2008, 6 November 2008, 12 February 2009
- Technical Standards & Certification – 3 June 2008, 11 November 2008
- Strategic Planning and Projects – 16 July 2008

3 COMPOSITION OF COUNCIL FOR 2008/2009

3.1 Executive Board

- President: Dr Heidi Snyman
- Immediate Past President: Prof Fred Otieno
- Vice-President: Dr Kevin Pietersen
- Treasurer: Mr Koos Wilken
- Co-opted Board Member: Ms Sue Freese
- Co-opted Board Member: Mr Tony Bowers
- Co-opted Board Member: Branches Mr Ronald Brown
- Co-opted Board Member: Ms Lee Boyd
- Co-opted Board Member: Divisions Mr Fred van Zyl
- Co-opted Board Member: Mr Anderson Mancotywa
- Co-opted Board Member: Ms Verena Meyer

3.2. Elected Council Members

- Mr Gordon Borain
- Ms Noeline Basson
- Mr Erik van den Berg
- Ms Eiman Karar
- Mr Alfred Mbewe
- Ms Sonel van Wageningen
- Mr Paul Gaydon
- Ms Bileen Nel

3.3 Co-opted Council Members:

- Prof Alvin Lagardien
- Dr Innocent Msibi

3.4 Elected members

- Mr Gordon Borain
- Dr Kevin Pietersen
- Ms Eiman Karar
- Mr Erik Van der Berg
- Mr Alfred Mbewe

3.5 National Division Chairpersons

- ASP Division – Ms Bileen Nel
- Community Water Supply & Sanitation Division – Mr Clyde Valayatham
- Industrial Water Division – Ms Joey Swart
- Management Division – Mr Fred van Zyl
- Membrane Technology Division – Ms Stephanie Marais
- Mine Water Division – Mr Nico Bezuidenhout
- Nutrient Management Division – Ms Lee Boyd
- Oxidation and Disinfection Division – Dr Mias van der Walt

- Water Distribution Division – Alan Kockott
- Water Health Division – Carin van Ginkel
- Water Care and Water Scientists Divisions – Mr Kerneels Esterhuysen
 - The Water Care, Water Scientists and Nutrient Management Divisions have amalgamated to form the **Water Science Division**; this division will be headed up by Mr Esterhuysen.

3.6 Portfolio Committees

- Finance & HR – Mr Koos Wilken
- Education, Training & Youth Development – Ms Verena Meyer
- Technical Standards & Certification – Ms Sue Freese
- Strategic Planning & Projects – Dr Heidi Snyman

3.7 Representative of IWA-SA National Committee

- Prof H Kasan (Chairperson)

3.8 Representative of the Department of Water Affairs and Forestry

- Mr Fred van Zyl (Director – Planning & Information)

3.9 Chief Executive

- Mr Junior Potloane

4. MEMBERS

During the period under review, Dr Kevin Pietersen, as the Director on Executive Board responsible for this function, has done an excellent job of vetting, grading and approving membership applications with the assistance of the Membership Administrator, Ms Evelyn Ramphomane.

Invitations, approved by the Executive Board, were sent to selected organisations inviting them to become Patron members of WISA. It is gratifying to welcome City of Tshwane, HATCH, ITT Flygt, Nelson Mandela Bay Metro, PD Naidoo and Associates, SSI Engineers and Tecrover. Unfortunately one of our long standing Patron Members, Sud Chemie, resigned. They have, however, remained as a company member of the institute. Our total number of Patron Members stands at 38. The President extended a warm welcome to them as well as the hope that their membership in this prestigious category would prove mutually beneficial.

The Professional Association Members (PMA) category has continued to grow and there are now 30 PMA's.

The following initiatives were embarked on to increase membership and correct members contact details and particulars:

- The members were contacted near the end of 2008 regarding the update of their details.
- A few non-active members who were substantially in arrears with their membership fees were automatically 'resigned' and removed from the membership database.
- The Membership Administrator, Ms Evelyn Ramphomane, continued to write to potential members and companies that WISA has come into contact with or seen in magazines etc and invited them on behalf of the Chief Executive to become members of WISA. This has generally been well-received.

The net effect of these corrective measures has been that overall membership of WISA has increased by 269 members or 10.5% over the past year as can be seen from the following table.

GRADE	27 APRIL 2008	25 May 2009	Difference
Affiliate	85	94	+9
Associate Member	500	417	-83
Company	152	178	+26
Educational Institutes	14	17	+3
Fellow	341	360	+19
Honorary Member	11	11	0
Local Authority	50	53	+3
Media members	3	6	+3
Member	441	645	+204
Patron Member	31	38	+7
Professional Member Assc	26	30	+4
Retired Fellow	45	51	+6
Retired Member	38	39	+1
Retired Sen. Fellow	8	9	+1
Senior Fellow	29	32	+3
Student Member	508	570	+62
Water Board	8	9	+1
TOTAL	2290	2559	269

5. WISA MEMBERSHIP FEES FOR 2009

At its meeting on 4 November 2008, the WISA Council approved the following fee structure for 2009 based on about 10.5% average increase across the membership categories. The fee increase will fund WISA's enhanced capacity to serve members and expand/improve their benefits.

MEMBERSHIP	2006 FEES (R)	2007 FEES (R)	2008 FEES (R)	2009 FEES (R)	INCREASE
Patron Members	21 200	22 900	24 750	27225	10%
Members/ Fellows/ Senior Fellows	310	335	365	400	9.6%
Retired	80	87	100	110	10%
Affiliate	80	87	95	105	10.5%
Associate Members	270	292	315	345	9.5%
Companies/ Water Boards/ Local Govt	730	790	855	940	9.9%
Educational Bodies/ Students/Professional Associations	0	0	0	0	0
Entrance fee	30	30	30	50	66.7%

6. FINANCIAL MATTERS

Mr Koos Wilken has remained the Treasurer for the past year and has done an outstanding job with the WISA Finances, which has put WISA in a far better financial position than the previous year.

The Audited Financial Statements show that WISA made a profit of R2, 4 million for the 2008/09 Financial Year. This is a significant increase despite a minimal profit of R76, 000 from the 2008 Biennial Conference. It must also be noted that WISA's Implementing Agent status has had a significant impact on the financials as each project is earning implementing agent fees

A book-keeper was employed in July 2008 to assist the Financial Manager with the running of WISA's finances. The benefits to employing Mr Maimboti Mutezo have been numerous. He has been able to dedicate much of his time to following up on all the outstanding debtors, resulting in impressive record of recoveries and analysis of potential write-offs.

7. WISA ANNUAL PRESIDENTIAL TOUR, 2008 AGM & PATRON MEMBERS' LUNCH

7.1 WISA Annual Presidential Tour

The WISA President & Chief Executive successfully visited the Regional Branches and Patron Members in KZN, Eastern Cape (North & South), Western Cape and the Free State as follows:

- 24 November 2008: Visited Zetachem, eThekweni Municipality, and Umgeni Water and attended a KZN Branch meeting.
- 25 November 2008: Meeting with Amatola Water, attended East London Branch Meeting
- 26 November 2008: Visited with the Port Elizabeth City Manager, site visit in Port Elizabeth and attended the Port Elizabeth Branch Meeting
- 27 November 2008: Visited the City of Cape Town, WAMTech and attended the Western Cape Branch Meeting.
- 28 November 2008: Visited Bloem Water and attended the Free State branch meeting.

7.2 WISA 2008 AGM

The AGM was held on 18 May 2008 at Sun City. The meeting started at 17h00 after the conference sessions had ended for the day. Prof Fred Otieno commenced the formal business of the AGM including the inauguration of the new WISA President, Dr Heidi Snyman, the Annual Report and confirmation of the Council & Executive Board.

The formal meeting was chaired by the President and was attended by approximately 65 Councillors and members and ran smoothly. The President and the Chief Executive presented their reports for the past year, a highlight being some of the very successful conferences held and that the membership grew by 190 members since the previous AGM, while the Treasurer presented the Annual Financial Statements.

Dr Heidi Snyman was elected as WISA President, while Dr Kevin Pietersen was elected the Vice-President and the Treasurer, Mr Koos Wilken, was re-elected for a second term in office.

7.3 Annual WISA Patron Members Lunch

This popular event for the Patron Members was held on 12 November 2008 at the Casa Toscana Restaurant in Pretoria. Those who attended were introduced to the art of wine tastings and delighted their taste buds with an array of dishes and wines. Special thanks go to Nederburg Wine Estate which sponsored the wine for the Patron Members Gifts.

8. CONFERENCES & SEMINARS

In an attempt to raise the awareness and profile of the Institute and meet its goal of “sharing knowledge”, the following conferences were held during the period under review. Typically the WISA National Office arranged the conferences with the assistance of the conference chairpersons as shown. The Biennial Conference was the main event for 2008, with one smaller conference held in late 2008 and a further three held in the beginning of 2009. The National Office assisted the various committee chairs with the organising of the conferences as it was previously agreed by the Executive Board to arrange the smaller conferences in house.

CONFERENCE	LEAD BODY	DATE	VENUE	CONFERENCE CHAIRPERSONS	DELEGATES
WISA 2008 Biennial	WISA	18-22 May 2008	Sun City	Dr Ralph Heath	1250
Appropriate Technologies	WISA	20-21 Oct 2008	Indaba Hotel & Conf Centre	Mr Kerneels Esterhuysen	90
Small Wastewater Treatment Systems	WISA	19-20 Feb 2009	1 on 1 Gateway Durban	Mr Kerneels Esterhuysen	160
2 nd Drinking Water Quality	WISA & DWAF	11-13 May 2009	Feather Market Port Elizabeth	Mr Leonardo Manus	550
International Membrane Technology	WISA	13-15 May 2009	Spier Wine Estate Cape Town	Ms Stephanie Marais	240
TOTAL DELEGATES ATTENDED					2290

9 WISA MATTERS

9.1 IWRA Executive Office

WISA is currently hosting the IWRA Executive Office. Ms Manoko Selolo, the IWRA Administrator, runs the day to day operations of this office which is based at the WISA National Office. The IWRA consists of 902 members worldwide. A highlight for the IWRA Office within the period was the 13th IWRA Congress which was held in Montpellier, France from the 1-4 September 2008. The conference was attended by the WISA Chief Executive in his capacity as the IWRA Executive Director. The conference was well attended with some 1400 delegates of whom 340 were from Africa. The theme of the conference was: Global Challenges and Water resources: Confronting the Expanding and Diversifying Pressures.

9.2 World Water Council Membership

WISA applied to the World Water Council to join as a member and were accepted. The World Water Council is an international multi-stakeholder platform. It was established in 1996 on the initiative of renowned water specialists and international organizations, in response to an increasing concern about world water issues from the global community. Its mission is to promote awareness, build political commitment and trigger action on critical water issues at all levels, including the highest decision-making level, to facilitate the efficient management and use of water in all its dimensions and on an environmentally sustainable basis.

9.3 The WISA Wastewater Treatment Practical N/3 Course 2007

Mr Dirk Welgemoed has reported that the N3 course is being phased out and replaced with an NQF level course. This year a class of 40 N3 Wastewater students completed the course, unfortunately there were not enough students to run the N3 Water course. Mr Welgemoed is working with the ESETA to develop an NQF based course which they are hoping to make available to students soon.

9.4 WISA Vision 2015

On 20 November 2008, Mr Johan Wagner of Ceenex presented to the Executive Board his work on the WISA Vision 2015. It includes an overview of where WISA is currently and what the current focus is, a situational scope assessment about where WISA is with respect to the Water Sector, the external environment and what WISA could consider getting involved in with regard to climate change, carbon footprint, etc. It further involves reviewing membership benefits and moving into Africa, making WISA better known. Looking at WISA's Strategic goals and objectives and building an action plan to achieve those goals and objectives. This can be broken down into Improving corporate structure effectiveness, Driving Membership quality growth, Cultivating donor and volunteer support, Developing an exciting brand and improving visibility, Producing deliverables and operations, Strengthening corporate governance, and Optimising sourcing. The WISA Vision 2015 was approved by both the Council and the Board. WISA thanks Mr Johan Wagner for volunteering to assist WISA with developing the new vision.

10. MEETINGS, FORUMS & RELATIONSHIP BUILDING

WISA participated in a few International conferences, which were attended by the Chief Executive, WISA, through the Implementing Agent of DWAF, assisted with arranging exhibition stands and participation in the various conferences.

10.1 World Water Week – Stockholm, 17-23 August 2008

The Chief Executive attended the World Water Week which was held in Stockholm in August 2008. The Chief Executive ran the exhibition stand on behalf of the Department of Water Affairs and Forestry and included the involvement of other various stakeholders. The conference was attended by 2300 delegates coming from 130 countries, the theme of the event was: Progress and prospects on Water – For a Clean and Healthy World – Special Focus on Sanitation. The conference consisted of over 90 plenary sessions, workshops, side-events, seminars, site visits, etc. There were over 200 organisations involved in the conference and exhibition.

10.2 Zaragoza Exhibition – Spain, 7-11 September 2008

The Chief Executive attended the Zaragoza Exhibition which was arranged through the Department of Trade and Industry (DTI). This visit was part of a trade mission for companies from South Africa to liaise and network with their Spanish counter parts and build business relationships to the benefit of the economy. The Zaragoza Exhibition itself was to show case countries from all over the world and was not a conventional trade show.

10.3 IMESA 2008

WISA attended the IMESA 2008 Conference and Exhibition as an exhibitor, the conference overall was well attended as was the exhibition the theme of the conference was Innovation – the Road to Service Excellence.

10.4 Water Loss 2009, Cape Town, 26-30 April 2009

The WISA Chief Executive attended the Water Loss Conference held in Cape Town. The aim of the conference was to discuss the latest developments, strategies, techniques and applications of international best practices in water loss assessment, management, leakage reduction and control, and improvement of customer metering. The conference covered the following themes: Feasibility and Benefits, Performance Indicators and Best Practices, Intervention Techniques and Sustainability.

10.5 5th World Water Forum, Istanbul, Turkey, 16-22 March 2009

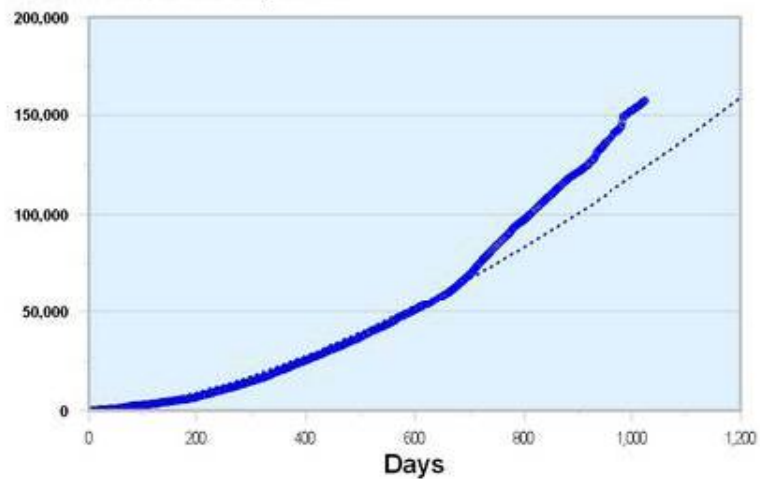
The WISA National Office assisted the Department of Water Affairs and Forestry with the arranging of the South African Water Sector Stand at the 5th World Water Forum that was held in Istanbul recently. The forum was attended by the WISA President, Chief Executive who attended the conference sessions as assisted with the running of the exhibition stand, as well as the WISA Office Manager and Office Administrator who provided administrative support to

the Department of Water Affairs and Forestry while at the conference. The 5th World Water Forum is organised every three years by the World Water Council and is the largest International Event in the field of water. This years conference was attended by 33 058 participants from 192 countries. In addition there were 6,269 visitors to the Water Expo. South Africa's participation in the forum was two fold; it was to promote South Africa and the stakeholders who agreed to be represented at the Exhibition stand as well as for the Bid for the 6th World Water Forum being held in 2012. It is hoped that South Africa made a lasting impression and will be voted to host World Water Forum 6.

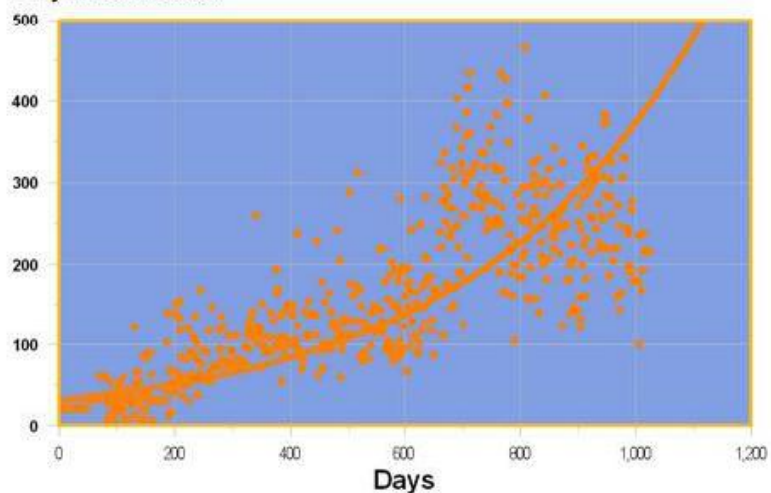
11. EWISA

The capacity building and knowledge-sharing arm of WISA. The visits to eWISA exceeded 161 400 on 23 May 2009. Because eWISA wants to be realistic about this effort to support the water sector, it is important to note that NO web mechanisms are used to 'boost' visits to the eWISA web site.

Visits to eWISA 4 May 2009



Daily visits to eWISA



e-WISA Membership

Founder Membership (14)

- ERWAT
- DWAF
- BLOEMWATER
- ESKOM
- AMATOLA WATER
- ESETA
- MAGALIES WATER
- VWS
- WSSA
- CITY OF CAPE TOWN
- UMGENI WATER
- NCP CHLORCHEM
- RAND WATER
- SEDIBENG

Company Membership (23)

- Africon
- Amanz'Abantu
- Amatola Water
- Arch chemicals/HTH scientific
- Bio systems
- Degremont
- GE Water
- Grundfos
- HANNA INSTRUMENTS
- Intaka Tech
- Knight Piesold
- Ninham Shand
- Ozone Services
- Prei Instrumentation
- Project assignment
- Sannitree
- Silulumanzi
- SSI Engineers
- SSIS Sahara
- St Helena Bay
- United Scientific
- USC Metering
- Verder Pumps

Municipalities: (17 + Overberg Water)

- Beaufort West
- Breede valley
- Cederberg
- Hantam
- Kannaland
- Laingsburg
- Matzikama
- Mogale city
- Prince Albert
- Randfontein
- Stellenbosch
- Theewaterskloof
- Ugu
- West Coast District
- Witzenberg
- Mogale City
- Breedevallei Municipality
- Overberg Water

Latest addition to Municipalities: (5)

- Mossel Bay
- Knysna
- Plettenberg Bay (Bitou)
- Swellendam
- Overstrand

WISA Water Specialists listed on database (38)

eWISA Co-operation and Partnerships

eWISAFRICA (website)

Development of website and hosting on eWISA server

TAC (website) – Technical Assistant Centre

Development of website and hosting on eWISA server

FETWATER (website) – Framework Programme for Research, Education and Training in the Water sector in SADC

Development of website and hosting on eWISA server

IWRA (website) – International Water Resources Association

Development of their website and hosting on eWISA server.

eWISA Excursions

Promotion of eWISA and new ventures (2008 - 2009)

- WISA Conference
- UCLGA
- Stockholm Water Week
- Expo Zaragoza
- Namibia – WISA/eWISA Presentation
- DWAF Municipal Indaba
- Appropriate Water Technologies
- IMESA
- 2nd Drinking Water Quality Conference

eWISA MUNICIPAL ASSISTANT

A summary of the modules in the Municipal Assistant:

- Water Quality Management – Completed and implemented.
- Asset Management – Completed and implemented.
- General components - including a supplier database, document database, photo gallery and various reports
- Staff and skills development database – Completed and implemented.
- Financial Management System – completed
- Water Demand manager - New
- Sewer management - New.
- Soil analysis – Completed and implemented.
- Fixed Assets – New

Present users:

- Kannaland
- Stellenbosch
- Randfontein
- Matzikama
- Cederberg
- Hantam
- West Coast
- Ukhahlamba (recently purchased)
- Language (recently purchased)
- Mogale City
- Breede Valley
- Witzenberg
- Theewaterskloof
- Overberg Water
- Ugu
- Beaufort West
- Laingsburg
- Prince Albert

To be implemented:

- City of Cape Town
- Bitou
- Knysna
- Mossel Bay
- Swellendam
- Overstrand

Expression of interest:

- Tshwane Municipality
- Africon
- DBSA & Geraldine Schoeman – consider the asset management section as a training module.
- George Municipality

Financial summary

Date	Expenses	Cum.Expenses	Income	Cum.Income
31/12/2005	55296.5	55296.5	0	0
31/01/2006	34767	90063.5	0	0
28/02/2006	77900.8	167964.3	0	0
28/03/2006	83656	251620.3	0	0
02/05/2006	119504.36	371124.66	0	0
31/05/2006	187457.16	558581.82	0	0
30/06/2006	134728.48	693310.3	4050.00	4050.00
31/07/2006	94561.86	787872.16	27450.00	31500.00
31/08/2006	94365.15	882237.31	20000.00	51500.00
30/09/2006	82015	964252.31	9000.00	60500.00
31/10/2006	95490.27	1059742.58	33800.00	94300.00
30/11/2006	94381.56	1154124.14	20000.00	114300.00
31/12/2006	0	1154124.14	4500.00	118800.00
31/01/2007	99470.63	1253594.77	0	118800.00
28/02/2007	117243.67	1370838.44	24500.00	143300.00
31/03/2007	132721.47	1503559.91	0	143300.00
30/04/2007	90515.42	1594075.33	44500.00	187800.00
31/05/2007	77056.1	1671131.43	159000.00	346800.00
30/06/2007	81998.75	1753130.18	4500.00	351300.00
31/07/2007	69773.93	1822904.11	94500.94	445800.94
31/08/2007	61935.93	1884840.04	83500.00	529300.94
30/09/2007	55052.1	1939892.14	75016.00	604316.94
31/10/2007	59262.63	1999154.77	57300.00	661616.94
30/11/2007	46279.25	2045434.02	0	661616.94
31/12/2007	40781.32	2086215.34	13500.00	675116.94
31/01/2008	34646.75	2120862.09	9000.00	684116.94
28/02/2008	31537.72	2152399.81	24500.00	708616.94
31/03/2008	33337.72	2185737.53	96500.00	805116.94
30/04/2008	60393.86	2246131.39	56368.42	861485.36
31/05/2008	69393.86	2315525.25	52800.00	914285.36
30/06/2008	57243.62	2372768.87	41325.00	955610.36
31/07/2008	90747.99	2463516.86	32632.00	988242.36
31/08/2008	67971.38	2531488.24	12000.00	1000242.36
30/09/2008	72703.69	2604191.93	21400.00	1021642.36
31/10/2008	57104.58	2661296.51	250000.00	1271642.36
30/11/2008	56734.72	2718031.23	365051.43	1636693.79
31/12/2008	34264.02	2752295.25	5403.51	1642097.3
31/01/2009	42940.61	2795235.86	0	1642097.3
28/02/2009	33200.74	2828436.6	36656.90	1678754.2
31/03/2009	38527.76	2866964.36	450.00	1679204.2
30/04/2009	36000.00	2902964.36	137614.04	1816818.24

Summary of expenses incurred and income generated:

WISA expenses incurred (20% of the total expenses): R 580 592.86

WISA direct income (20% of the total income): R 363 363.64

The indirect income generated by WISA through increased membership and the 20% of the initial Municipal Assistant licensing fees paid to WISA is not reflected in this interim progress report.

The 10% project management fees earned by WISA for projects conducted under its auspices are also not reflected in this interim progress report.

12. DWAF Implementing Agents

WISA continued with its DWAF-WISA IA activities in terms of the agreement signed on 8 September 2006. This has enabled WISA to play an active role in the following nationally important water projects and maintain a close link with the Water Sector Leader:

- HR 2025/ Capacity Building
- Drinking Water Quality
- African Partnerships Programme / Meeting MDGs
- Higher Levels of Service
- Municipal Assistant
- Dutch Twinning
- Model Bylaws
- Treatment Plants
- World Water Forum 5

13. BRANCHES

13.1 Kwa-Zulu Natal

Committee

The KZN Committee met on 8 May 2008, 14 August 2008, and 12 February 2009.

The committee members are:

Gordon Borain (Chairman)	Chris Fennemore (Vice Chairman)
Stephanie Walsh (Secretary).	Dave Nozaic
Lin Gravelet-Blondin	Dirk Welgemoed
Sue Freese	Pat Reddy
Bileen Nel (Anaerobic & Sludge Processes)	Sharveen Maharaj
Sandra Redelinghuys	Alan Kockott (Water Distribution)
Clyde Valayatham (Community Water Supply)	

The Branch elected Linda Ndlela to the post of chairman for the current two year period, but he took up a position in Cape Town before he could take over. The committee persuaded Gordon Borain to continue as chairman.

General and Technical Division Meetings

The WISA President's visited KZN on 24th November 2008. A General Meeting was arranged to allow members to meet the President and CE. The President gave a talk on WISA's future, after which she awarded certificates to the successful N3 Water Treatment students. This was followed by a presentation 'Invasive Alien Plants' by Dr Julie Coetzee and a brief presentation by sponsors of the meeting showing their weed removal and composting plant.

WISA 2010

Dave Nozaic of the KZN Branch is chairing the WISA 2010 Organising Committee and is receiving assistance from the branch.

Training

Dirk Welgemoed has continued to lecture Process Controllers on the N3 courses. N/3 Wastewater course was offered from May to August to 53 students and the Water N/3 course from August to November to 48 students. The N/3 Wastewater course was only offered this year to 35 students that failed last year. If there are enough students for Water N/3, it will be run from May to August 2009.

13.2 Eastern Cape Central

Committee

The Chairperson of the committee is Craig Thompson, the committee members are: John Petzer, Wayne Selkirk, Oliver Ive and Nikite Muller.

Introduction

The past year for the branch is a tale of two halves. The first half of the year there was significant activity in terms of branch and committee meetings. The second half of the year has been less active due to work loads of committee members and other issues related to the availability of speakers for the topics identified for discussion by the committee.

Branch Meetings

A branch meeting was held on 2 April 2008 that coincided with the WISA Presidential Tour visit to East London. A presentation was made by Professor Dennis Hughes from the Rhodes University Institute for Water Research concerning the latest hydrological modelling programme under development at the university. The meeting was well attended with 28 delegates from private, public and academic institutions attending the session. The WISA President and CEO also participated in the meeting after the presentation by Professor Hughes.

A branch meeting was planned for November 2008 to co-inside with a presentation on Fish Ladders but the proposed speaker was not able to commit to the presentation due to project commitments outside the country. The meeting was postponed to 2009.

Committee Meetings

The committee met in February, April and September in 2008. The committee agreed telephonically in December 2008 to review the activities for the branch for the year ahead as follows:

Date	Activity	Theme	Special Feature
May 09	Branch Meeting	The Environment	Fish Ladder Mini Seminar
August 09	Branch Meeting	Waste Water	Sludge Disposal Mini Seminar
Nov 09	Branch Meeting	Water Demand Management	Water Demand Management Mini Seminar

Other Initiatives

An attempt was made to hold a stakeholder workshop for the development of Guidelines for the Utilisation and Disposal of Water Treatment Residues in East London in October 08 in addition to the workshop scheduled for 15 October 2008 in Port Elizabeth. This proved unachievable due to the time constraints of the presenter. The Port Elizabeth workshop invitation was distributed widely in the East London area and several representatives from the region were able to attend.

The branch was involved in organising the 2nd Drinking Water Quality Conference in Port Elizabeth held from 10 – 13 May 2009. The chairperson is represented on the organising committee. The conference is being sponsored by DWAF and Amatola Water.

Finances

The branch has not yet established a bank account and has undertaken no financial generating activities to date.

13.3 Eastern Cape South

Committee

The committee consists of Mr Anderson Mancotywa (Chair), O Wentzel (Sec/ Treasurer), H Greef, and S Mofokeng. Mr D Reinecke who had been a member resigned from the committee as he had to relocate to the Western Cape.

Meetings were held on the following dates: -

10 July 2008
05 November 2008
11 February 2009
24 February 2009
20 May 2009

The meetings were held to provide brief report on the 2008 Biennial Conference and feedback from the Council Meetings to the committee members, discuss the implementation of previously identified activities as well as planning for future branch activities.

Branch Meetings

Four branch meetings were on the following dates: -

12 September 2008

A technical visit to four wastewater treatment works and two water treatment works was done on 12 September 2008. In each of the works, the Works Superintendent briefly explained how his/her works operate and took the delegates through the works. The group comprised mainly of the new appointees from Scientific Services, Industrial Effluent Monitoring, Wastewater Treatment and Water Treatment Divisions. A total of 27 delegates participated in the technical tour.

15 September 2008

A branch meeting was held on 15 September 2008 and the presentation of the day was done by a team of Grundfos and Alldos Pumps. The presentation focussed on the disinfection of potable water and wastewater final effluent as well as Grundfos & Alldos' involvement in the water sector. A total of 38 delegates attended the presentation, which had a positive interaction during the session.

15 October 2008

A workshop on the Development of the Guidelines for the Utilisation and Disposal of Water Treatment Residues was held on 15 October 2008. This was a joint workshop for both Eastern Cape branches and was facilitated by Dr Elize Herselman. A total of 33 delegates attended the workshop. The workshop went very well with various questions and/or comments captured by Dr Elize Herselman.

26 November 2008

The President of WISA, Dr Heidi Snyman, and the then Chief Executive, Mr Wally Mayne, visited the Eastern Cape South Branch as part of the WISA presidential tour around the country. The Presidential team first met the Nelson Mandela Bay Municipality's Water and Sanitation team together with Anderson Mancotywa, Branch Chairperson, and Owen Wentzel, Secretary/Treasurer where they were briefed on the NMBM status quo report. This briefing included what the NMBM successes were as well as challenges that were still facing the Metro with regard to Water and Sanitation operations.

The President and Chief Executive were taken on a technical tour to two wastewater treatment works and this was followed by a branch meeting in the afternoon at the Walmer Town Hall. The presentation of the day was on the equalization of trade effluent tariff as implemented by NMBM on 1 July 2007 and this was done by Jerome Kritzing, Trade Effluent Controller.

This was well attended by more than 75 delegates from the industrial contributors, consulting firms, representatives from various municipal divisions and private organizations.

13.4 Free State

Management Committee Meeting

A WISA Management Committee Meeting was held on 31 March 2009 to discuss the program for the year and ideas on how to obtain new members for WISA, especially the younger generation in the water field. There are currently 8 members on the committee and the committee is currently recruiting more members.

November 2008, Orange River Symposium, 12-14 November 2008, Bloemfontein

WISA was represented by Mr D Tlhomelang and Mr. Joseph Phooko from Bloem Water and promoted by having a stall during the symposium. Ms. Nolene Morris, CE of Bloem Water, officially opened the Symposium. Dr. Anthony Turton (Natural Resource and Environment Unit Fellow: CSIR) was the Keynote Speaker at the Orange River Basin - The Resource Symposium.

January 2009

A workshop was planned to promote the use of groundwater by looking at its availability and quality in certain municipal areas that is experiencing water shortages. The DWAF Ground Water Assessment Protocol was to be introduced to WISA members. However, the Chief Director for DWAF: Free State did not approve of the workshop and requested the Free State Chairperson to make a presentation on WISA to the DWAF top management.

February 2009

As the chairperson I made 2 presentations to DWAF top management on the role of WISA and how WISA and DWAF Free State can work together in future. It would be highly appreciated if other branches can share with us how they involve the regional DWAF office in their area.

March 2009, Water Week: Water is Life – Securing the Nation’s needs across Generations and Borders, 2-6 March 2009

At Sedibeng Water the Marketing and Communication department in partnership with Scientific Services embarked on Water Quality Awareness. Presentations were done at the following schools: Boikutlo Primary School (Bothaville), Tataiso Public School (Wesselsbron), Isagontle Primary School (Mothibistad) and Frances Mohapanele Primary School (Delporthoop).

Healthy rivers and water pollution was the subject for this year Water Week activities that was arranged by the Directorate Institutional Establishment within DWAF. A river performs vital functions and has the ability to be self cleaning but only when it is healthy. We all should take responsibility for the health of the rivers that we use and live close to. In order to achieve this, we need to educate to ensure that the basic principles of a healthy river are understood.

Ecoschools were invited to participate in a colouring competition with the theme: “My home – a healthy river”. Visits to the winning schools took place on 3 March 2009 at Panorama school in Jacobsdal, on 4 March 2009 Memel Primary School was visited and on 5 March 2009 Bergsmanshoogte School in Philippolis was visited. Learners enjoyed the activities with jumping castles, face painting and more fun was added with the Tody Tap Mascot from Bloem Water. Snack packages, EnviroKids magazines and pencil cases were also given to kids while having fun.

A Workshop was held on 19 May 2009 on the CUT campus. Focus was on water borne diseases. Special effort was made to advertise the workshop extensively on the CUT campus in order to get students to attend. A WISA registration table will be set up to encourage students to join. We will also launch a suggestion box where members can suggest topics for workshops.

13.5 Western Cape

A committee meeting was held on 18 February 2009. The Branch meetings for the remainder of the year were discussed and it was decided to have meetings as follows:

The committee will still endeavour to attract more members from the City of Cape Town and DWAF to attend workshops and meetings with key persons will be arranged.

It was also decided that a group visits the Southern Cape in order to indicate the extent assistance to enthusiastic group.

A committee meeting was held on 25 June 2008. The Branch meetings for the remainder of the year were discussed and it was decided to have meetings in July (Faure WTW), October (Stellenbosch CSIR), November 2008 (Zandvliet MBR) and December (Nereda Process- Gans Bay). At this meeting Me Marle Kunneke was re-elected as Secretary/treasurer of the Branch.

Another committee meeting was held on 07 October 2008 and the focus point was on increasing the attendance of members to workshops and planning for the 2012 WISA Bi-annual conference for Cape Town. The committee will endeavour to attract more members from the City of Cape Town and DWAF to attend workshops and meetings with key persons will be arranged.

Changes to committee:

Dr Heinz Jacobz (University of Stellenbosch) and Mpharu Hloyi (CoCT – Scientific Services) was introduced to the committee as new members.

Thursday, 14th of August 2008

On Thursday, 14th of August 2008 another general meeting was held at the Faure Water Treatment Works of the City of Cape Town. An excited, well presented plant tour was conducted for the forty members who attended the workshop after which Gareth McConkey gave all a presentation on the e-WISA Municipal assistant. The refreshments were sponsored by the CoCT and Distell.

Thursday, 16 October 2008 (Excellence in Water Research Awards)

On Thursday, 16 October 2008 the annual Excellence in Water Research Awards evening was held at the CSIR in Stellenbosch. We had a very poor attendance of only ten people attending the evening. The Memorial lecture was done via video-link and those attended appreciated what was offered to them.

Thursday, 27 November 2008 (SAB-Newlands)

On Thursday, 27 November 2008 we had a workshop at the South African Breweries in Newlands. Thirty three members attended the meeting. Mr Hamied Mazema (PRO & RM) presented a very interesting talk about Chemical Management Action Plans.

We were blessed by the attendance of our President (Dr Heidi Snyman) and the outgoing WISA CE (Mr Wallace Mayne). Also at this meeting Mr Christopher Muanda (WISA Young Professionals) gave an exciting overview of the WISA Young Professionals. Mr Danie Kloppers was also honoured for his dedication to the WISA Western Cape Branch and a small gesture was awarded to him by our President likewise to Me Elkerine Rossouw for her efforts and contribution to get the Water Learnership off the ground in the Boland Region.

Thursday, 26 March 2009 (Athlone WWTW)

The workshop was attended by 25-30 people. Tony Belcher gave an overview of the River Health Program in the Western Cape and Dr Jenny Day gave a very interesting talk on the National Water Act.

Both presenters were of high calibre and dearly appreciated by all the attendees.

Friday, 27 March 2009 (Plettenberg Bay, Southern Cape)

The Chairperson was mandated by the committee to enhance relationships with the Southern Cape Branch and attended their meeting in Plettenberg Bay. The meeting was fairly attended with very interesting topics. Mr P Lombaard gave an overview of the water resources in the

Bitou Municipal Area. Other topics included Safety in the workplace (OHSAct), Emanti Water Quality program and Onduka (sponsor of the day) gave an overview of their product range. There is a tendency that the Southern Cape Branch is not well informed of happenings within WISA and this is a concern. In order to improve relationships bi-annual mini conferences will be held on a round robin system in the Western Cape and Southern Cape. The group was well presented by Operational staff and not so much by managers and Engineers which will be the focus point.

Wednesday, 29 April 2009 (Bellville Golf Club)

On Wednesday, 29 April 2009 the Branch had a technical workshop, which was well attended by 40 persons, with emphasis on the Nereda Wastewater Treatment Process: The Gans Bay case study and it was well presented by Garth Wademan from SSI who also was the sponsor for the day. The technical workshop was followed by the AGM and members were informed of current WISA matters on a national and branch level. The committee for the 2009/2010 year will be unchanged with the addition for another seat for the Young Professionals Chairperson which at this stage is hold by Christopher Muanda.

After the meeting some fantastic networking took place in great Cape Town weather, cold and rainy.

Other initiatives

Mr C Swartz of Swartz Water Utilization Engineers was requested by the Chairperson to promote WISA at his training sessions specifically in the Western Cape of which he agreed.

- 26 March 2009 – Water Quality Management Workshop
- 29 April 2009 – Nereda Wastewater Treatment Process: Gans Bay Case Study
- 28 May 2009 – Groundwater Treatment Workshop
- 25 June 2009 – Industrial Effluent: Simba Chips Plant, Parow
- 27 August 2009 – Treated Effluent Re-use benefits: Potsdam WWTW Case Study
- September 2009 – Zandvliet WWTW Membrane System Workshop
- 29 October 2009 – Maintenance Backlogs: Status Quo / eWISA Update
- 26 November 2009 – State of readiness: 2010

Finances: The Western Cape currently has a positive balance of R 10 617.64 (31/12/2008)

14. TECHNICAL DIVISIONS

14.1 Anaerobic and Sludge Processes Division

Elected committee members

Bileen Nel (Yay Us Consulting Services)	Chairperson
Ms E Mare (Mogale City)	Secretary
Mrs H Greben (CSIR)	Newsletter Editor
Mr G Borain (Umgeni Water)	Webpage Design
Mrs S Gow (SSI.)	Treasurer
Mr A Mbelu (WSSA)	Young Professional
Mrs M Hinsch (SRK)	Member
Dr J Maree (CSIR)	Member
Mr J Glibbery (John Glibbery & Associates)	Member

The following Regional Chairpersons are currently active:

- Prof P Rose (Rhodes University) Regional Chairperson Eastern Cape Group
- Mrs B Nel (WSSA) Regional Chairperson Kwazulu Natal Group

Current Membership: 443 ASP members

Management committee meetings

Three divisional management committee meetings were held on 15 May 2008 at Sun City, 27 August 2008 at ERWAT, 10 February 2009 WISA offices.

WISA ASP Website- Gordon Borain updated the WISA ASP website.

Waste to Profit

Quarterly meeting was held on 27 August 2008 in Pretoria at the ERWAT on the “Are You Wasting Your Assets and Destroying the Environment? Turning Waste into Profit”
The event was well attended with 50 delegates registering on the day.

Future Activities

Quarterly meeting will be held in June 2009 at Percy Stewart Wastewater Treatment Works “Application of anaerobically digested sludge on an instant lawn farm – a case study”. The event will have technical papers followed by a site visit to the instant lawn producer.
ASP is planning a two day training workshop on the “Operation of Anaerobic Digestors.” The first day will be a theory session and the second day will be a practical on a plant. Workshops will be held in three nodes:

- Gauteng
- Cape Town
- Durban

14.2 Community Water Supply and Sanitation Division

There has not been much activity within this branch over the past year; the committee chair is Mr Clyde Valayatham.

14.3 South African Industrial Water Division

Many members of the division have left and only 3 remain, the division has been approaching people to join. A meeting was held in October 2008. The division paid out R14,000.00 in prize monies along with trophies at the WISA Biennial Conference last year. The division has been discussing holding a conference and will send out a call for papers, they have also considered approaching SA Water to have the papers reviewed.

14.4 Management Division

A management meeting was held as well as various group work sessions. The membership of the division is about 460 members. The division was very much involved in the WISA 2008 Biennial Conference Program. The benefits of which were improving the WISA-DWAF relationship and partnership, key issues were prioritised for discussion. Work sessions on integrated catchment management, asset management and information management were held. One of the concerns of the division is that there are major overlaps between the division and the executive arm of WISA. The account balance for the division is over R300,000.00.

14.5 Membrane Technology Division

Committee

The committee currently consists of Stephanie Marais (Chairperson), Achim Wurster (Treasurer), Marshall Sheldon (Secretary), Gerhard Offringa, Andre Maartens, Stephan Roux, Mesuli Mbanjwa and Chris Swartz.

General Meetings

Six meetings were held over the last six months (17 November, 8 December, 19 January, 16 February, 30 March and 8 April). These meetings all took place via teleconferencing in order to minimize traveling costs as our committee members are based across the country.

These meetings were held primarily to discuss actions in preparation for the International Membrane Conference held the 13-15 May 2009.

There were 24 international speakers, and a number of prominent local membrane technology academics, suppliers and users at the conference. Over 13 countries were represented. The technical program showcased 3 plenary lectures, 31 oral presentations and 19 poster presentations. Out of those, 27 were presented by international speakers. The conference was accredited for 3 CPD points. Three technical tours were organized, including a visit to a membrane plant on Robben Island.

We currently have 140 delegates versus our target of 200 delegates, and sponsorships to the value of R160,000 versus our target of R260,000. With 5 weeks to go, we anticipate a few more registrations but do not expect to achieve the number of delegates we had anticipated. The financial climate seems to be having an impact on attendance and sponsorship of this conference.

The committee thanks Andre Maartens for standing in as Chairperson while Stephanie Marais was on maternity leave.

14.6 Mine Water Division

The Mine Water Division has been very busy over the past year organising the International Mine Water Conference due to be held in October this year. The conference committee is being headed by William Pulles. The conference will involve both national and international speakers. The conference will be taking place at the CSIR ICC in Pretoria; the conference will include workshops and site visits.

14.7 Oxidation and Disinfection Division

This division has not been very active over the past year and it is hoped that the division will become more active over the next period.

14.8 Water Science Division

A new division for WISA was formed after the amalgamation of three previous divisions. Three Technical Divisions of WISA have amalgamated to form one Technical Division. The Management Committee of this new Division called all WISA members and interested parties to enter a competition to supply proposals for a new name for this Division. The three Divisions that amalgamated are Water Care, Water Scientists and Nutrient Management.

The results on the competition for a new name for the Water Care, Nutrient Management and Water Scientist Amalgamated Division are:

- 1st Prize: Dr Elsie Meintjies One year Free WISA Membership
(for individual's membership)
- 1st Runner up: Mr Kaluka Paul Lobanga WISA 8GB Memory Stick
- 2nd Runner up: Mr Wally Mayne WISA Multipurpose 2GB Memory Stick

The name of this amalgamated division is "Water Science". A follow-up competition will be held to propose a new logo for the newly named Division.

A quarterly meeting in coordination with the WISA head office was held whereby students from the Limpopo University also attended. Three seminars were presented:

- Pure water seminar - An Educational Overview of water purification techniques and applications in the laboratory environment
- [Toxicity and Field Testing Apparatus](#)
- Welcome to Plateau ASP Process Limited PRESENTING the ASP process (Active Sludge Pasteurization) and TOM process (Treatment of Organic Matter)
Turning RAW sewage sludge into Organic Fertilizer

The Division organised two well attended conferences. The Appropriate Technologies Conference was held in Gauteng, and the Small Waste Water Treatment Systems was held in Umhlanga. From the Small Waste Water Treatment Systems conference, an interest to the establishment of a new division was raised, and it is currently in the process of establishment.

The committee is planning for having a Process Controllers Fun day later this year, whereby demonstrations from supplier's equipment, basic testing methods, trouble shooting, etc, will be presented. We are looking forward for this day!

14.9 Water Distribution Division

During this reporting period, the committee, constituted on a voluntary basis, initially comprised 12 active members with Mr Kockott and Ms du Preez the Chairman and Secretary respectively. Membership both increased and decreased but currently comprises 11 active members.

The Chairman represented the Branch (and the Division) for Water Distribution at the WISA Council Meetings held on 09 October 2008 and 08 April 2009.

The Branch committee was very active during the reporting period with five meetings and two seminars and one site visit having taken place. The seminars comprised a full day seminar in September 2008 on "Extending the Life of Pipelines – Design and Rehabilitation" and an afternoon seminar in November 2008 on "Water Treatment". Both events were well supported with approximately 100 people attending the full day seminar and 65 people the afternoon seminar. An afternoon site visit to the Durban Harbour Widening project currently under construction was arranged with good attendance.

Due to the interest shown in the full day seminar on "Extending the Life of Pipelines – Design and Rehabilitation", the committee is in the process of organising a re-run of this seminar scheduled for September 2009.

As the members of this committee are aware of the need for continuous professional development (CPD), the content of future relevant seminars will be submitted timeously to WISA for forwarding to SAICE for the consideration of possible CPD accreditation.

The financials for this Division have grown and are in a healthy state with approximately R82, 000.00 in WISA's main account.

15. WISA PUBLICATIONS

15.1 WISA Newsletters

The compilation and distribution by the Chief Executive of fortnightly electronic newsletters for WISA members only continued and some 16 newsletters were produced during the review period. The newsletters consist of news etc gleaned from a number of newsletters internationally, news of forthcoming conferences and publications across the globe as well as SA and WISA news.

15.2 Water and Sanitation Africa

The publication of WISA's bimonthly technical magazine "Water and Sanitation Africa" managed by 3S Media successfully continued into the period under review.

15.3 WISA 2008 Directory

As reported earlier the compilation and distribution of the 2008 Annual WISA Directory realised an additional income to WISA of some R158 000.

The Directory has been well received and is fast becoming a water sector reference book.

15.4 WISA Annual Magazine

This is the fourth year that WISA will be compiling and publishing such a magazine. It is really the WISA Annual Report for the benefit of members unable to attend the AGM and as a record for posterity. It will also double up as a marketing tool – to publicise WISA and its work as well as attract new members.

16. CONCLUSIONS

The period under review was a very successful year with some significant achievements for WISA.