

The Waste Paper

A PUBLICATION OF THE INSTITUTE OF WASTE MANAGEMENT OF SOUTHERN AFRICA

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Presidents Message

Half the year is gone and we are approaching the end of 2005 at a great speed. On the recycling front, the glass recycling initiative is well on its way to implementation, Buyisa-e-bag appointed a Chief Executive Officer, and the tyre and rubber recycling initiative is also moving closer to implementation. The implementation of the waste minimisation and pollution control strategy is running smoothly. As part of this implementation a number of other projects are being implemented. Amongst these are the development of health care waste standards, guidelines for the compilation of integrated waste management plans, standards for collection of waste, waste information systems, model by-laws and capacity building programs for government officials.

We also had a constant flow of private initiatives in the seminar and congress arena. The Institute was involved in two of these by means of members presenting papers and assistance in the organising of one of the events. Approximately 50 delegates attended this event. Partnering with organisers allows the Institute to keep a level of control on the quality and standard of presentations. We do however realise that cost could be a limiting factor and will consider options to make these more accessible to all members.

At this point feedback on some of Council's activities would be appropriate:

Transformation

The Black Waste Management Forum is now fully integrated into Council and their representative actively participates in all activities, even in recruiting new members! Our membership is slowly but surely reflecting the broader population.

Marketing and Public Relations

Council considered the report on marketing and we are ready to move to new horizons. At this stage options for a more visible and active institute is being considered. These should among others include acknowledgement to length of membership and loyalty to the Institute.

Education and Training

Unit standards and curriculum frameworks for general workers in the environmental and waste field (NQF level 1) have been registered and the unit standards for operators of basic machines and advanced tools and equipment went through the public comment phase and are now being considered by SAQA for approval. Interested parties were invited to indicate whether they would consider making their training material available to the Institute, persons with an experience and training/education background were invited to be involved in the evaluation of such material. Comprehensive training and education material will then be developed and the Institute will be the custodian of the material. The Institute will co-ordinate the presentation of the material to learners and will also be involved in the assessment process. As soon as the unit standards and curriculum frameworks for drivers, team leaders and operators of complex equipment (Level 3) and for supervisors of facilities and units (Level 4) have been registered, the development of training and educational material for those positions will be embarked on. It has taken a long time but we will soon see the fruit of our efforts. The Institute is yours and only through active participation will you get what you expect from the Institute.

Regards



PATRON MEMBERS

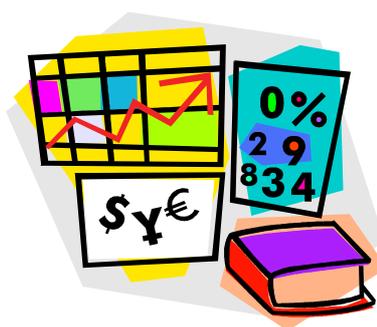
DaimlerChrysler SA, EnviroServ Holdings (Pty) Ltd, DSW Cleansing and Solid Waste, Inter-Waste (Pty) Ltd, MAN Truck & Bus, National Ports Authority, Nissan Diesel SA, Roshcon (Pty) Ltd, 600 SA Holdings (Pty) Ltd, TFM Industries (Pty) Ltd, Wasteman Group (Pty) Ltd

Waste Information for All

As part of the development of the South African Waste Information System, the Department of Environmental Affairs and Tourism has recognised the need to develop a waste information centre, where all types of information on waste can be captured and made available. The South African Waste Information Centre or SAWIC as it is referred to, will be a web based system and will provide various levels of access, from limited public domain access through to secure access for municipalities and provinces.

SAWIC will provide companies, municipalities, provinces and national government the facility to make available:

- Integrated waste management plans for local and provincial authorities.
- Official government publications, e.g Working with Waste Guidelines, Minimum Requirements.
- Environmental legislation, e.g. NEMA, ECA, Air Quality Act, Waste Management Bill (still under development)
- Price tracking of recyclable commodities, e.g. price of paper.
- Report, publications, etc.
- Waste Information and statistics.



The SAWIC will also provide access to waste information system (WIS), which will capture information on the tonnages of general, and hazardous waste landfilled, treated, recycled and exported from South Africa.

SAWIC is intended to be the one-stop-shop for waste information in South Africa.

The development of SAWIC will be completed by July/August 2005. The web address where you will be able to find SAWIC will be made available shortly.

You can assist the Department in establishing SAWIC by:

- Sending your suggestions on the specific waste information you would like to see on SAWIC.
- Sending the information or documents (in electronic format) which you would like to make available on SAWIC. These may include your Integrated Waste Management Plans, public domain reports, guidelines etc.
- Sending hyperlinks (e.g. www.nwmsi.co.za) to existing web pages information may already be available.
- Sending any general comments, concerns, questions you may have on SAWIC.

The purpose of SAWIC is to make waste information available to all citizens of South Africa, to support their constitutional right to an environment that is not harmful to their health or well-being and to have the environment protected. SAWIC can however only ever be as good as the information made available on it. The Department requests your support in creating and maintaining a successful waste information centre.

All suggestions can be emailed to lgodfrey@deat.gov.za or obaloyi@deat.gov.za, faxed to (012) 842-7687 or posted to Department of Environmental Affairs and Tourism, Private Bag X447, Pretoria, 0001, for attention Ms Linda Godfrey.

(National Waste Management Strategy Implementation Project June 05)

Association plans measures to curb container dumping

A judgement dealing with environmental infringement was handed down recently. The judgement flows from what is the first environmental infringement arrest, which took place in January last year. An illegal waste-dumping site was uncovered when contaminated water flowed into a nearby farm and farm workers notified authorities. The site, in Gonubie, was illegally storing containers filled with hazardous waste. The owner was found guilty and handed a fine of R100000.00 as well as a suspended ten-year sentence. In addition, the company had to form a trust, the Mandara Trust, for the remediation of the land.

Progress was made. Government launched the Green Scorpions as a form of environmental policing on 14 April 2005. The RCMASA is working with Government and industry to look into regulations. The tracking of containers by means of barcode could soon be a reality. Proper measures to dispose of, and reuse containers is being investigated.

(Engineering news 27/05/05)

Partnerships in Oil and cans Recovery

Since November 2003, staff from 220 service stations around the Cape Town area has participated in placing their old oil cans and containers in bags ready for Collect-a-Can. At the latter's premises oil is decanted out and sent to Oilkol for reprocessing. Cool dink cans are also being dropped off at stations by the public. 42 litres of oil have been recovered with programme has cost R300 000.00 to container, where money's made from the Lochan appeals to the public for other identified as suitable ROSE will place adverts in the local papers. ROSE and Collect-a-Can are currently working with Durban Solid Waste together with service stations and have identified 5 potential sites. Further information in this regard can be obtained from ROSE on 021-448-7492.



City's filthy rivers of waste hard to swallow

South Africa: If you're venturing anywhere near Cape Town's rivers, streams and canals, it's best not to swim, and unless you're way up on the mountain, you definitely shouldn't swallow. The water quality of just three of the Peninsula's 22 rivers and their tributaries is considered "natural". The Department of Water Affairs and Forestry's 2005 State of the Rivers Report looks at both water quality and the overall quality of the river. The top score in both categories is "natural", followed by "good".

Only two of the rivers - the upper reaches of the Liesbeeck and the Disa in Hout Bay scored a "natural" on the overall system, while the Krom, near Cape Point, which also had "natural" score for water quality, managed only a "good" overall.

(Cape Argus: 27 July 2005)

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Prosecutors to Be Trained in Environment Law

South Africa: Government has organised a course to train SA's prosecutors to deal with the processes involved in prosecuting environmental crimes. Speaking in Midrand at the opening of the prosecutor-training course for environmental crimes yesterday, Environmental Affairs and Tourism Deputy Minister Rejoice Mabudafhasi said enforcement of environmental laws had not received the attention "it deserves". The department wants to enable prosecutors to deal with environmental crimes such as illegal poaching, excessive emissions and illegal property developments.

(Business Day: 26 July 2005)

Landfills – a viable energy source

South Africa: Recent tests conducted on four landfill sites in the Ekurhuleni Municipality have shown them to be a viable source of renewable energy. The methane-rich gas by-product from the Weltevreden, Rooikraal, Simmer & Jack and Rietfontein sites has been deemed to be capable of producing up to 12 MW of electricity. The project, which aims to bring the municipality in line with the government white paper on renewable energy, is now in its second phase. The Palmer development group has been contracted to search for possible buyers for the electricity as well as describe, and prepare, the project and negotiate for carbon credits. This phase is expected to be finished by June 2006 at which stage the construction can begin.

(Engineering News: 29 July 2005)

South Africa - Waste Management Plan for Mopani.

The South African government expects an integrated waste management plan from all municipalities as a basis for further governmental support. The coordination of these plans lies at the district level. Three of the six districts of the province Limpopo - Sekhukhune, Vhembe and Mopani - have contracted KNOTEN WEIMAR and its local partner BAZISA Waste Solutions, Pretoria with the development of the plans. The plans for Sekhukhune and Vhembe are finished. The report on the current state of waste management in Mopani was completed in May and presented to the district administration in Giyani. The corresponding feasibility study is currently under way.

KNOTEN WEIMAR - Newsletter July 22nd, 2005

A River runs through it

Refuse, dead birds and an absence of life-indicating invertebrates characterise the Klip River that runs through Soweto. Recognising this environmental crisis, the Nedbank-funded Green Trust sponsored the Mayibuye Wetland Project. Its aim is to rehabilitate five kilometres of the Klip River and establish a green belt through

Grass Roots Volume 5

Soweto. "The river one of Johannesburg's key water sources – is a symbol of the chronic environmental degradation in the region. A key focus area of the project is to establish environmental education programmes and eco clubs in Soweto schools.

News from Council and Head Office



Council met on 9-10 June 2005 at the Birchwood Hotel, Boksburg, various issues were discussed. Council was represented by all the Branch Chairman and sadly had to bid farewell to our past President Mr Peter Novella. Peter as we fondly know him has been an asset to Council and was always willing to assist with any task given him, and we at Council would like him to know that his expertise and help will still be sought in the future. The feeling was that even as past president he should feel free to approach council at any time with comments and suggestions in the affair of the Institute. Thanks Peter for all you have done for the Institute.

The latest version of The Buyers Guide and Directory saw the light early in June 2005 incorporated within The Sustainable Yearbook published by Shortens Publications. The general feeling was that the "little red book" was lost within this magazine and would not be as widely and regularly used as the A5 format. Members voiced their concerns regarding the huge price increase between the new publication and that produced by Head Office. Council noted the concern of its members and a delegation met with Shortens to clarify the matter and find a way forward. Various other concerns regarding the journal RéSource were addressed and resolved at this meeting. Shortens and the IWMSA mutually agreed that the publication of the Buyers Guide and Directory would revert back to Head Office in the form of the A5 "little red book" format. The next edition will be published in June 2006; information in this regard will be distributed by Head Office later in the year so please look out for this. Ann at Head Office has designed the electronic newsletter "What's on the Go". Please contact her should you know of any events taking place in your region, the aim of this electronic mail is to keep you the member informed of what's happening within all regions so your input in this regard is very valuable. For those of you that travel a lot please remember that you as a member are welcome to attend all IWMSA events taking place even in other branches.

Annual Membership Subscription Fees

By now you should have received your invoice for annual membership subscriptions, if not then please contact Ann to verify your details. Please pay your fees before the due date and use your membership number as a reference when paying electronically. You should be receiving the RéSource journal as well as The Waste Paper and What's on the Go as part of your membership benefits, once again if you are not receiving any of these publications then contact Ann to verify your details. It is imperative that you keep us informed of any changes in your contact

details. The branches in your region hold regular events and you should be receiving information from them in this regard. Remember these events are held to provide you the member with the opportunity to network with others and to keep you informed of the latest technology and developments in the waste industry. Speakers are sourced to address the audience's about waste related issues. Time and effort is spent in securing venues and attending to catering requirements so *please* make an effort to support your branch at these activities.

***T**he e-Waste Situation in RSA*

In South Africa, there has been a substantial increase in the general population's access to electronic goods in the last decade, particularly cellular phones. As part of the project "Knowledge Partnerships in e-Waste Recycling", an investigation to assess the management, handling and practices of e-waste recycling in South Africa, using PCs as the indicator, with Gauteng as the study area was published in July 2004 and presented at WasteCon 2004. The following important findings were listed:

- There are currently no organised and efficient take-back systems for obsolete electronic goods for consumers to use.
- E-waste is a relatively new concept in South Africa at present, hence there is no specific legislation governing its handling or recycling (e.g. minimum requirements for handling or recycling of e-waste and specifications for the extraction of hazardous components from the e-waste stream).
- Only a fraction of the estimated retired electronic goods find their way to the recyclers (10% of more than 50 000 tonnes/annum); most of it is stored in offices or households and may eventually be disposed of in municipal landfill sites.
- The investigations have shown that contrary to the other countries there is very little informal e-waste recycling taking place probably due to the strict regulations that have historically controlled the trade in gold and other precious metals. Thus health and environmental risks for such operations are limited for the time being. However, given the opportunity, the 'bad' examples from abroad could easily be emulated in RSA.
- In certain areas of RSA a business driven, non-governmental e-waste recycling solution for selected fractions has been established; it is based on the existing industrial sector which adopted 'state of the art' processes to sort, dismantle and shred e-waste (e.g. Universal Recycling Company and Desco Electronic Recyclers). Rand Refinery is the principal refinery located in Germiston to recover precious metals. These operations do not require any license (except precious metal recovery), there are no standards or minimum requirements to be followed and they are limited to 'profitable' goods. Hazardous non-profitable components such as CRTs, batteries, flame retardant plastics and others have become a great headache for these recyclers.
- Some commercial manufacturers and distributors already pay for the disposal of e-waste in permitted hazardous waste disposal sites, obtaining a certificate of safe disposal from the contractors that carry out that work. It is thought that this approach is due to concerns regarding data integrity and safety.

The following critical deficiencies were identified in that study:

1. a financially viable collection system preferably industry driven including incentives to retrieve obsolete electric and electronic equipment is needed;
2. national rules (preferably again industry driven) on e-waste handling and recycling processes are needed to establish a [level playing field](#) (e.g. environmental standards for the extraction of hazardous components and redirection into environmentally sound recycling loops or to safe disposal)
3. complementary legislation for e-waste handling, recycling and disposal (along the lines of minimum requirements and specifications) is required.

The detailed assessment report regarding the e-waste situation in Gauteng is available at: ftp://southafrica_read_only!ewaste.ch:file91773@ftp.ewaste.ch

Based on the results of the assessment phase and the planning work over the past few months a proposal for a "South African - Swiss e-Waste Management Project" is currently being formulated where the main goal is the creation of business opportunities in financially viable WEEE Recycling Schemes in 2 or 3 Pilot Cities. The project intends to contribute on 3 different levels with the following activities to tackle above described critical deficiencies:

- backup/support the existing National WEEE Working Group which will formulate a National WEEE strategy. The WEEE WG is organised in different working committees including "Policy and Legislation", "Extended Producer Responsibility", "Recycling Systems", "Public Relations and Campaigns", and "Background Information";
 - support the development of a National WEEE baseline study in order to make crucial WEEE data available (closely linked to the National WIS and to existing WEEE research projects);
 - backup/support Pilot Project Implementation for WEEE collection in line with a business oriented and sustainable WEEE recycling scheme. It is planned to establish Collection Points (at retailers, buy-back or drop-off centres, etc.) linked to existing repair, re-use, recycling companies to form so called "Green e-Waste Channels". 3 such Channels are considered sufficient to demonstrate the viability of financially sustainable and business driven WEEE Recycling Schemes in RSA:
- a) "Green e-Waste Channel" in Cape Town, linked to "CT e-Waste Action Group" (Focus: Collection – Repair/Reuse – Recycling)
 - b) "Green e-Waste Channel in Ekurhuleni Metro", linked to Ekurhuleni Metro (Focus: Collection through Municipal Collection Centres)
 - c) "Green e-Waste Channel in KwaZulu-Natal" (Focus: still to be defined)

Support from DEAT:

The implementation of the outlined project requires support from DEAT expressed in the following ways:-

1. That e-Waste is identified as a "priority item" among the hazardous substances and put on the 'priority' list within the DEAT business plan of waste problems to be solved.
2. That the 3 pivotal 'bodies' of the project are endorsed by DEAT:
 - a. the National WEEE Strategy Group,
 - b. the National WEEE Baseline Study (as part of the National WIS) and
 - c. the Pilot Implementation Projects ("Green e-Waste Channels" in the 3 areas: Johannesburg, Cape Town and Ethekwini)
3. Based on this In-Principle Agreement a project Memorandum of Understanding MoU between DEAT and Seco/Empa is signed.
4. DEAT funding for selected project activities is made available; e.g. this could include:
 - a. Preparation of legislation for e-waste in line with the national e-waste strategy developed by the WEEE Working Group;
 - b. Support of the National WEEE Working Group in terms of funding the coordination of the WEEE Working Group activities with DEAT personnel working with the various WEEE Working Group Committees;
 - c. Support for the "Green e-Waste Channels"- implementation projects and,
 - d. Including e-Waste streams information in the National WIS

INTRODUCING OUR ORGANISATION MEMBERS

Munitech, part of the multidisciplinary engineering B&A Group, specialises in the planning, operation and maintenance of Municipal services and facilities.

The company has been undertaking planning and management of comprehensive integrated waste management programmes for Municipalities throughout South Africa since 1987. Munitech has a large resource base and, in addition, has ready access to the technical and

manpower resources of the B&A Group which employs in excess of 250 professional, technical and support staff based in offices in KZN, Gauteng, East Cape and Mpumalanga. Contact Sean Reilly 031 2072093.



Boksburg-based AFRISKIP HIRE'S focus is the renting of Mercedes-Benz commercial vehicles with specialized application bodies. These include Skip Lift, Compactor Refuse Collection and Rolon Demountable Body System vehicles. All supplied with driver/operators. Call Robin McGregor or Adelle Marais on (011) 918 6598 or email sales@afriskiphire.co.za . Log on to www.afriskiphire.co.za

Introducing all our Patrons



Our Vision: Leadership in Environmentally Responsible Waste Management, Our Mission: Waste Management is our Business: Offering TOTAL service solutions / Raising the STANDARDS in environmental stewardship / Providing environmental PEACE of mind **Developing INNOVATIVE solutions - within Targeted Markets**

Our Values:

Integrity

- Making promises that we can keep
- Always being honest, ethical and respectful
- Promoting solution driven actions
- Uncompromising on environmental standards. Taking ownership and being accountable

Innovation

- Belief that we all have good ideas
- Encourage and harness them, the responsibility to access and share great ideas lies with us all
- Be passionate for improvement and love creativity, growth, vitality and momentum

Quality

- Everyone is responsible for delivering value
- Service excellence is a given
- We are uncompromising on standards and dissatisfied with the *status quo*
- Continually raising standards
- Being professional

Teamwork

- Working together to achieve our goals, doing what it takes for our team to succeed, never compromising the greater team
- Creating positive energy and valuing diversity



The 600 Group PLC is an international Group of engineering companies primarily involved in the manufacture and distribution of machine tools, industrial lasers and other engineering products. We operate from some 35 locations overseas, and sell our products worldwide in over 100 countries. Our international marketing and distribution network handles both Group products and those of other manufacturers. Machine tools manufactured and supplied by 600 Group companies played a crucial role in the development of 220mph racing cars raced at the recent Rockingham 500 Champ Car race.



Inter-Waste (Pty) Ltd is dedicated to ensuring that firm commitment, hard work and the utilization of the latest technologies will help ensure the viability of our planet for future generations. We specialise in the removal and disposal of all industrial, municipal and commercial waste using bulk containers. We also supply, rent, install and professionally manage all types of static compactors. To enable sustainable preservation of the environment, being agile, yet aggressive in a trustworthy organization achieving effectiveness in all our endeavors.



Roshcon is active in the handling, transportation and storage of industrial and domestic waste. We manage and operate various licensed landfill sites, ash dumps and slime dams and are transporting hazardous, domestic and industrial waste. Roshcon is also carrying out several environmental and bulk earth works contracts. Registered against BS EN ISO 9001: 2000, BS EN ISO 14001: 1996 and OHSAS 18001:1999.



TFM Industries was established in 1966 by Gus Modlin, with its main business being truck customisation and panel beating. In the 80s, building on the organisational development achieved in the Defence Industry, his sons, Rob and Cliff, took the company into the Commercial Vehicle industry focusing, inter alia, on the Waste Management industry in which it has become the leading player in South Africa. Recently, a Management Buy Out (MBO) was completed whereby two separate companies, **TFM Industries (Pty) Ltd** and Transport Fleet Maintenance (Pty) Ltd were formed. **TFM Industries** incorporates the specialist body building businesses of the former TFM Construction and Waste. Its three facilities conveniently located in Olifantsfontein, the **TFM Industries** management team is fully committed to maintaining excellent relationships with customers, international partners and suppliers and developing the company as a whole



DaimlerChrysler is unique in the automotive industry: our product portfolio ranges from small cars to sports cars and luxury sedans; and from versatile vans to heavy duty trucks or comfortable coaches. DaimlerChryslers' passenger car brands include Maybach, Mercedes-Benz, Chrysler, Jeep®, Dodge and smart. Commercial vehicle brands include Mercedes-Benz, Freightliner, Sterling, Western Star, Setra and Mitsubishi Fuso. It offers financial and other automotive services through DaimlerChrysler Financial Services. DaimlerChrysler's strategy rests on four pillars: global presence, strong brands, broad product range, and technology leadership.

Introducing all our Patrons



NPA is a facilitator of trade and economic development through its landlord, marine and regulatory functions. It is a vital link in the transportation chain of exports and imports in South Africa. This it does by upgrading the port system infrastructure, providing safe navigation facilities and management of the environment thus enabling our port system to be a success.



Since the founding of the **Nissan Diesel Motor Company** on the outskirts of Tokyo, Japan in 1935, the company has continuously endeavoured to build and maintain a reputation for innovation and excellence.

This dedication has led to numerous technological breakthroughs that not only meet the needs of the region's changing transportation environment, but has inspired a succession of advanced vehicles for an array of industries in more than 130 countries across the world.

Over the years, Nissan Diesel South Africa has built a strong reputation as a credible and successful truck supplier, boasting unequalled flexibility and full backing from Nissan Diesel Japan. The company's local assembly and engineering strategies enables Nissan Diesel to develop innovative products for the South African market and its unique conditions.



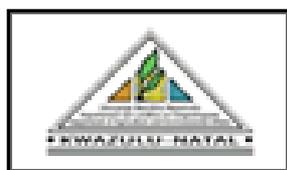
MAN Truck & Bus (S.A.) (Pty) Ltd, a wholly-owned subsidiary of MAN Nutzfahrzeuge AG in Germany, is a leading manufacturer of medium, heavy and extra-heavy trucks, as well as commuter buses and luxury coaches. The product has been represented in South Africa since the early 1960's, initially through agents Meyer and Hiller. The South African operation has its headquarters in Isando, as well as an assembly plant (Pinetown), a bus and coach manufacturing facility (Olifantsfontein) a central parts depot (Isando), a used commercial vehicle operation in Centurion and a widespread national sales, service and parts dealer network. The company currently holds second position in the heavy truck market and is the leading supplier of passenger buses in the country.



Founded in 1980, the **Wasteman Group** has shown continuous growth over the last 25 years and is now one of the leading national waste management providers. Investments in specialized vehicles, auxiliary equipment and landfill sites along with the availability of a wide spectrum of services has made the Wasteman Group the most diversified Waste Management Company in South Africa.



Cleansing & Solid Waste (DSW), a department within the eThekweni Municipality, is the major solid waste management service provider in the eThekweni area. Our customers include householders (formal & informal), industrial and commercial organisations and local Government. DSW maintains industry leadership through strategically focused marketing. Within the last five years, the management team has implemented innovative strategies to ensure that we meet our high service standards



Agricultural development and environmental management are key components of KwaZulu-Natal's growth and development strategy. The Department of Agriculture and Environmental Affairs (DAEA) is charged with the responsibility to harness the massive potential for agricultural growth and development within the province. The combined challenges of poverty, unemployment and HIV/AIDS have created increased demand for the DAEA to sharpen its strategic focus and deliver tangible results.

The essence of the DAEA's Strategy is how to utilise agricultural potential and environmental stability as key vehicles in building a prosperous community. The notion of prosperous transcends the current challenges of poverty and unemployment and instead focuses on self-reliance, entrepreneurship, empowerment and continuous growth and development.

BRANCH HIGHLIGHTS

CENTRAL BRANCH

(Gauteng, Northern Province, North West Province & Mpumalanga)

Chairman: Kobus de Meyer Tel. 011-675-3462 – iwmsa@iafrica.com

Health Care Risk Waste Interest Group

The HCWIG hold regular meetings and events, they are in the process of determining their existence in an attempt to determine the need of their members. They were handed the IWMSA HCW Policy and will redraft it according to the recommendation of Council, this will be ready for the finalization at the council meeting in November.

Patron Members

As per previous council meeting the central branch believe that a individual meeting be set up with the patrons in an attempt to determine what their needs and expectations are of the IWMSA. This matter needs urgent attention because it has been ongoing for some time. The patrons are our elite members and should be treated as such. We believe that the general feeling from patrons towards the Institute is at an all time low.

Seminars and Special Events

Our branch hosted a very successful golf day in April, although the number of players decreased from the previous year, a substantial profit was made. A very successful capacity building session was held in May with speakers from DEAT such as Ms Zanele Mvusi and Siphso Dube talking on the draft strategy so far. Where are we? Overview of issues identified. The way forward. Our Capacity Building sessions are really gaining momentum.

The branch hosted a seminar in Polokwane recently, the topics were supplied and speakers sourced from Gauteng. The event was very well attended with 55 delegates. The Municipality of Polokwane sponsored the venue, which was a lapa in the Dries Abramse Game Reserve; this was truly a wonderful venue. The weather was chilly but this did not prevent the delegates from actively participating in the event. The members in the area are very interested and determined to establish a branch in their region, the feeling is that they are too far from Gauteng and are motivated and dedicated enough to organise and run their own events. We wish them success in this venture, this truly means that the IWMSA membership base in growing, we still have a long way to go but this is a start in the right direction.



WasteCon 2006

The branch will supply the organizing committee with any information regarding the congress, all the correspondence, budgets, documentation etc has been saved electronically and can be supplied to the organizing committee should they require it.

Membership

Our branch has the most members, most of which are available electronically. Head Office has however set up a fax system of all the members without e-mail addresses; these will then be forwarded all documentation via fax. This is an attempt to stay in touch with all our members. Membership is growing rapidly although the amount of members lost through non payment of subs remains a priority.

Government Liaison

The feeling was that a delegation from the branch visit the government departments in an attempt to find out what was happening within the departments (GDACE and DEAT), an e-mail newsletter would then be sent to the members informing them of the results of the meeting.

HEARTLAND BRANCH
Chairman: Glory Twala Tel. 051-405-8576

The committee has changed in the past months, Willem Smith resigned as chairman and Glory Twala has taken over the position from him.

Meetings

The committee meets on a monthly basis. However, due to the change in chairman, the last meeting was held on the 21st April 2005.

Secretariat

The secretariat is managed by Ester Spangenberg and is functioning satisfactorily.

Transformation

It is something the branch has been struggling with, but this is also a membership problem. However, with Glory Twala as the new chairman, we believe it is a huge step in the right direction.

Membership

We still interact with our members via e-mails, whereby we are able to create awareness of waste management in the Heartland region and in particular for the IWMSA. Unfortunately, we have not been able to increase the membership over the last while and it is an issue we need to look at. However, we believe Head Office can support us in this department.

Planned Activities

A number of workshops and breakfast seminars are being planned. However the details will be advertised at a later stage (following the next branch meeting).

Monitoring Committees

The branch is represented on the landfill monitoring committees of the Bloemfontein Waste Sites.

General

The branch has gone through a lean period over the last couple of months, but I believe with Glory Twala at the head, we will once again become strong!

BOTSWANA CHAPTER

Chairman: Mothusi Mohutsiwa – Tel no: 09267-3161410 / mmohutsiwa@botsnet.bw

The Botswana Chapter of the IWMSA held its Seventh Annual Congress from 20 – 23 June 2005 at the Gaborone International Convention Centre, Gaborone. The theme of the congress was “Back to Basics” and was well attended. The venue was superb; registration took place in the exhibition hall where all meals were served. A choir entertained the delegates at the opening, which was attended by the First Lady and the Mayor of Gaborone and the Minister of the Environment. The organising committee did an excellent job, although the congress got off to a late start everything else went according to plan, the meals were absolutely delicious as well as the evening entertainment. The presentations were informative and all the delegates received a cd with these on in their delegate bags.



KWAZULU NATAL BRANCH

Chairman: Sue Benningfield Tel. 031-902-1526 / sueb@enviroserv.co.za

SECRETARIAL & MEMBERSHIP:

We have been promoting membership at every function and this is beginning to pay off with 6 Applications since February 2005.

INTEREST GROUPS:

The landfill interest group has received only eighteen papers for the Landfill Symposium on 20-21st October 2005 to be held at Greensleeves, Hillcrest. The budget is looking healthy and the decision to progress with the Congress was taken on 5 May 2005. We expect to attract 70 people and make approx. R10000 profit for the branch. The second announcement should be out by the end of May detailing the cost of the event. It is expected that members will be at R500 with non-members being at R750.

The LIG held a very successful site visit to Buffelsdraai on 21 April 2005 and it is expected that this maybe the tour for the LIG Congress.

The AGM and first breakfast seminar was held on 2 March. The speakers will be giving Case Studies for Waste Minimisation. It was agreed that this group would incorporate reuse and recycling into it's topics, however the interest group would keep it's current name.

The next Breakfast function will be 19 July 2005 at the Pinedene Hotel with the workshop being in October.

EDUCATION:

1. It has been agreed to not hold the Low level Course until such time as the Level 1 Course has been accredited.
2. It has been agreed not to run The Waste Technology Course / Supervisors course (Level 4) until such time as we have an accredited course from IWMSA.
3. The Healthcare Risk Waste Course was scheduled for 5th-10th June 2005, however we were unable to get lecturers. So we have postponed this to August/September.

SPECIAL EVENTS:

The events are planned as follows:

19 July: 7.30-11am	WMIG Breakfast	R80 Members R100 Non Members	
June/July	LIG Seminar/Visit		
21 st July: 10:30- 14.00 with lunch	Pietermaritzburg Seminar	R80 Members R100 Non Members	
5 th Aug	Golf Day - Maidstone Country Club	R200 p.p.	
Early Oct	WMIG Workshop	R220 Members R350 Non Members	
20 October: 8.30am	AGM @ Rob Roy Hotel	No charge	
20-21 st October	LIG Symposium	Est. R500p.p	
21 October	Capacity Building Workshop for IAP's	No Charge	
3 November:	Christmas Party	R150 p.p.	

KZN WASTE MANAGEMENT AWARDS:

The KZN Waste Management Awards held the Breakfast seminar on 19 April and about 40 people attended. Everyone gained value from the previous winners and discussed changes to the judging process. Two students at the KZN University have been working on a scoring system to assist us streamline the judging process. We will be adapting this to suit our needs.

INFORMATION & TECHNOLOGY:

The intention is to do three publications this year:

- March - Material Deadline 28th Feb DONE
- June - Material Deadline 27th May
- October - Material Deadline 30th September

WESTERN CAPE BRANCH

Chairman: Jan Palm Tel. 021-948-9151

INTEREST GROUPS:

The Waste Minimisation and Recycling Interest Group hosted a seminar on 11 April on Electronic Waste, which was very well attended and presented. A seminar was held on 21 April by this IG on recycling,

The Landfill Interest Group (Western Cape) organised, co-ordinated and hosted the first Solid Waste Management Poster Competition in conjunction with the Cape Peninsula University Of Technology (Bachelors Degree Of Technology Students.)

The Competition was Held On Friday 27th May 2005 at Cape Peninsula University Of Technology with the students responsible for their posters. This presentation formed an integral part of the student's curriculum project, which focused on Integrated Waste Management. The students were required to identify a problem and provide a solution for waste management in their

Photo : Mr Adrian Johnson (left with 2nd prize), Mr Richard Emery (Chairman of LIG in centre) and Mr Cornwell Ngqeyi (on right with 3rd prize). Winner was absent from photo.

SEMINARS:

A branch seminar was held on 12 April at the Koeberg Nuclear Plant on the topic of Nuclear Waste Management. The presentations by Eskom were very professional even though the attendance was poor. It was comforting to learn that this critical waste is managed in such a thorough and monitored manner.

SOCIAL

The annual branch golf day was held on 17 May at the Bellville golf course and was attended by a record 68 golfers. The weather was terrible, but in true golfing tradition, it could not dampen the spirit. Thanks for all our sponsors who made the day possible.

WASTECON 2006

Quotes have been received from the Lord Charles hotel for hosting WasteCon. The steering committee is currently in the process of drafting a Terms of Reference for conference organisers in order to obtain comparable quotes for the organising of WasteCon. The quote received from Nigel Walker for the documentation management has not yet been accepted due to the lack of comparable figures. The comment made at the previous National Council regarding the standardisation of the WasteCon logo was not well received by the branch committee; the feeling is that the logo should be more representative of the local flavour.

residing area with a link to the role of a landfill in their project study. The public and the judges were able to walk around and review each of the student's posters and speak to the student themselves regarding the problem they found, the solution they offer and how their solution effects the landfill industry.

Congratulations to the following winners:

- 1st prize - Kevin Johnson.
- 2nd prize - Adrian Johnson (not related!)
- 3rd prize- Cornwell Ngqeyi.

The LIG and the Cape Peninsula University of Technology hope to make this an annual event. Many thanks to the LIG members plus Cape Peninsula University of Technology for all their help in making the above a success.



REPORT ON LIG ROAD SHOW 18 May 2005

The Landfill Interest Group of the Western Cape organised a road show on 18 May 2005. The Matzikama, Cederberg, Saldanha Bay, Berg River and Swartland municipalities and the West Coast District Municipality were invited to attend a one day roadshow where waste management issues, especially relating to proper waste disposal, were discussed at some well operated waste disposal facilities. Freddy Bruwer and Hein Baumgarten explained to the delegation that the Moorreesburg waste disposal facility had been rehabilitated and was used as a garden waste disposal facility (excavated cell) and as a waste drop-off (transfer) facility (six bin containers), at the time of the road show. Waste that is collected at Moorreesburg by the municipal collection service is directly taken to the Highlands regional waste disposal facility in Malmesbury. A very informative discussion on various waste management options ensued.

The delegation then drove to Malmesbury, where the Highlands Material Recovery Facility (MRF) and the waste disposal site were visited. There Ryan Groenewald from the Saldanha Bay Municipality joined the group and Freddy Bruwer excused himself, due to other commitments. Hein Baumgarten proudly explained the recycling process, lessons learned from experience and the pros and cons of the MRF. A discussion followed on the operation and equipment necessary to ensure a well managed waste disposal site with minimal impacts, yet optimal saving of valuable airspace.

Johan Viljoen and Melt van der Spuy left for the long drive back to Vredendal after being thanked for their interest and active participation. Ryan Groenewald also left the road show. The following destination was the City of Cape Town's (CCT) Vissershok waste disposal site, which accepts most of CCT general waste and moderately hazardous (H:h) waste. Richard Emery from BKS Consulting Engineers (LIG Organising Committee) was patiently waiting there (the road show was running behind schedule due to the interest shown). The newly commissioned leachate treatment plant was visited and a new cell, that was being lined at the time, was viewed.

The road show ended at the Vissershok Waste Management Facility (VWMF), which is a private highly hazardous (H:H) waste disposal facility. Craig Mitchel kindly guided the tour around the site. The encapsulation area, storm water pond and active co-disposal area were visited. The lining of a new H:H cell, currently under construction, was witnessed. Those that remained enjoyed a delicious finger-lunch, generously donated by the VWMF.

Despite the disappointing turnout, the LIG Organising Committee felt that the road show was a success and valuable information was exchanged that provided awareness and a better understanding of sound waste management, which should result in the improvement of current shortfalls with regard to certain waste disposal facilities in the Western Cape. This road show contributed towards part of the aim of LIG, to promote proper waste disposal management that reduces the potential risk to the environment and human health and well-being, within reasonable cost to the waste generators and managers.

WASTECON 2006

It is not too early to diarize this! 4th - 8th September 2006.

The Lord Charles Hotel in Somerset West is a superb conference venue. The area boasts many enticing bed and breakfast establishments should you wish to be away from the formal hotel scenario. True Cape magnificence can be seen all around with short trips offering delights unfound in other parts of our country. Come and learn something new. Come and share information. Come and see the whales. Come and see the mountains dip their toes into the blue sea. Bring the family and make a holiday of it.

We, the **WasteCon 2006** Western Cape Committee, promise you a conference to remember, so go on and reserve those dates now!! The first announcement will be coming out shortly.

Claire McKinnon - Vice Chairman, Western Cape Branch Committee

WHAT'S ON?

Local Events

Afriwater 2005, 10-12 August 2005, Sandton Convention Centre. Contact: Lynn Kennedy, Tel: 011 886 3734; E-mail: lynnk@exhibitafrica.co.za; www.iwa-wisa-2005.com

Hazard Identification Risk Assessment, 17-18 August 2005, IIR Training House, Rosebank, Johannesburg. Contact: IIR Training, Tel: 011 771 7000; Fax: 011 788 4973/4; Website: www.iir-training.co.za

The Road Transportation of Dangerous Goods, 17-18 August 2005, Holiday Inn Garden Court, Main Road, Newlands, Cape Town; 23-24 August, Chelsea Conference Centre, Marine Parade Holiday Inn, Durban; 25-26 August, Protea Parktonian Hotel, de Korte Street, Johannesburg. Contact: Guido Marchio, Tel: 021 531 2284; Fax: 021 531 2267; E-mail: fcserv@mweb.co.za

Occupational Health & Safety Law for Managers, 29 August-2 September 2005, Centre for Environmental Management, Potchefstroom. Contact: Helanie Jonker, Tel: 018 299 2714; E-mail: aokhj@puk.ac.za

LANDFILL 2005, In Association With, The Geosynthetics Interest Group of South Africa "Landfilling in Challenging Environments, 6th Biennial LIG Seminar, 20 & 21 October 2005 Greensleeves in Hillcrest Contact Lia Russell Tel +27 31 717 2300 · Fax +27 31 702 0435 · ktechptn@kaymac.co.za

The Eastern Cape branch of the Institute of Waste Management is hosting a conference on 26-28 October 2005 on "Integrated Waste Management" – "What does this mean for municipalities and industries?" to be held at the Regent Hotel, East London. Enquiries to: wastemanagement@bluegecko.co.za

Occupational Health & Safety Management System OHSAS 18001 Auditor Course based on ISO 19011, 24-28 October 2005, Centre for Environmental Management, Potchefstroom. Contact: Helanie Jonker, Tel: 018 299 2714; E-mail: aokhj@puk.ac.za

International Events

R'05 Congress, 25-29 September 2005, Beijing, China, Tel: (+41 71 274 7128), Fax: (+41 71 274 7155), E Mail: Marianne.walther@empa.ch, Web: www.r05.org

Sardinia 2005 3-7 October 2005 – Tenth International Waste Management Landfill Symposium, S.Margherita di Pula (Cagliari), Sardinia, Italy. The final programme is now available on www.sardiniasymposium.it.

ACHEMA 2006, 28th International Exhibition-Congress on Chemical Engineering, Environmental Protection and Biotechnology, 15-19 May 2006, Frankfurt, Germany. Contact: Tel: +49 69 7564 0; Fax: +49 69 7564 201; E-mail: achema@dechema.de

NEW MEMBERS - WELCOME TO OUR NEW MEMBERS

Dreyer	Anneline	Associate	CB
Du Plessis	Roelien	Associate	CB
Swarts	Marianne	Associate	CB
Broere	Elize	Member	CB
Dube	Mxoi	Member	CB
Hooper	Marc, Warren, Scott	Member	CB
Kgwale	Mokutu Derrick	Member	CB
Oosthuizen	Esaias	Member	CB
Shoeman	Jakob, Johannes	Member	CB
Stolting	Heiko	Member	CB
Tshem	Mzukisi	Member	CB
Afriskip/Afri Compactor Hire (Pty) Ltd.	Robin Mc Gregor	Org	CB
Daisy Loo Botswana (Pty) Ltd.	Walter Rau	Org	CB
Psychem t/a Crimotech	J.H. Deale	Org	CB
Scanwood Solutions (Pty) Ltd.	Justine Sellman	Org	CB
Fyvie	Walter Raymond	Member	EC
Hayes	Johan Barnard	Member	EC
Swartland	David Peter	Member	EC
Whittington-Jones	Kevin John	Member	EC
Khanya Hygiene Services (Pty) Ltd.	Marius Olivier	Org	EC
Twala	Glory Phyllis	Member	HRT
Shintec General Merchant Traders / Trading as Shintec Waste Contractors	Ishmael Jezile	Org+	HRT
Mkhize	Bongani Reward	Associate	KZN
Milne	Ryan McKinlay	Member	KZN
Ener.g Systems (Pty) Ltd.	David Beningfield	Org	KZN
Foskor (Pty) Ltd.	Namo Thambiran	Org+	KZN
Sotheni	Mongezi	Associate	WC

CODE OF ETHICS

1. This Code of Ethics shall be binding upon all members of the Institute and any breach thereof shall be dealt with by an *ad hoc* disciplinary committee constituted from time to time by the Council of the Institute.
2. Each members shall act in an honourable and ethical manner and his professional conduct shall, so far as possible, always have full regard to the interests of the public and his employer. Furthermore, his professional conduct shall at all times be conducive to maintaining the good reputation of the profession.
3. No member shall accept remuneration for any professional consultancy or advisory services rendered, other than with the approval of his/her employer or as contractually agreed to with the client.
4. No member shall endeavour to obtain any contract, service or sale other than through legally acceptable business practices.
5. No member shall attempt to falsely injure the professional reputation of another member.
6. No member shall review the work of another member for the same client, except with the knowledge of the latter, unless such member's engagement on the work which is subject to review has been terminated.
7. No member shall advertise his professional services in a self-laudatory or misleading manner, or in any way derogatory to the dignity or standing of the profession.
8. No member shall contravene any legislation pertaining to waste management. Subject to the necessary administrative procedures being in place.
9. No member shall publicly bring the name of the Institute of Waste Management of Southern Africa into disrepute.
10. No member shall issue any statements on behalf of the Institute unless specifically authorised thereto by the official Institute spokesperson(s)

We are pleased to announce that our organisation members have signed the Code of Ethics thus ensuring their commitment.