



Water Institute of Southern Africa
Mine Water Division

Two day Conference on

Mine Closure
6 – 7 April 2005

Randfontein Estates Gold Mine
Sports Club

PROGRAMME – DAY 1

07h45 **REGISTRATION**, Tea/Coffee

Session 1: Keynote Addresses - 1

08h15-09h00: Ms M Wiber (INAP): *Global experiences of the mining industry regarding mine closure*

Session 2: Regulatory Instruments & Tools - 1

09h00-09h30: Speaker to be advised: *The impact of the Minerals and Petroleum Resources Development Act on mine closure planning*

09h30-10h00: Mr P Lukey (DEAT): *The impact of environmental regulations and the National Environmental Management Act on mine closure planning*

MORNING TEA (10h00-10h30)

10h30-11h00: Ms C Dixon (Anglogold): *Corporate governance and mine closure*

11h00-11h30: Ms K Pema (DWAF): *The waste discharge charge system: current status and potential effects on mine closure planning and financial liability*

11h30-12h00: Ms M Eksteen (PHD): *The DWAF Best Practice Guideline on Mine Closure – practical implications and guidance*

LUNCH (12h00-13h00)

Session 3: Technical Issues - 1

13h00-13h30: Mr M du Plessis (WRC): *Research on the development of regional mine closure strategies for gold mines*

13h30-14h00: Ms I Weiersby (Wits): *Use of indigenous vegetation as a closure water management strategy*

14h00-14h30: Prof N vd Merwe (UP): *Surface subsidence and impact on post-closure water management*

AFTERNOON TEA (14h30-15h00)

15h00-15h30: Mr W Pulles (PHD): *Prediction and quantification of long-term pollution from mining sites*

15h30-16h00: Mr L Kamohi (Menyetla): *Finding opportunities for post-closure water management issues*

PROGRAMME – DAY 2

Session 4: Keynote Addresses - 2

08h15-09h00: Dr A Jarvis (University of Newcastle, UK): *European and British perspectives and experiences with mine closure*

Session 5: Regulatory Instruments & Tools - 2

09h00-09h30: Speaker to be advised: *A DME/CSIR initiative dealing with the environmental impact of defunct mines in South Africa and future management options*

09h30-10h00: Mr A Brown (Golders): *The DME Guideline on determination of the financial quantum for mine closure funds*

MORNING TEA (10h00-10h30)

10h30-11h00: Mr J Easton (Envirocover): *Transfer of post-closure liabilities to competent third parties*

11h00 -11h30: Mr N Lesufi (Chamber of Mines): *Weighing up the options between perpetual maintenance and mine closure – legal and economic factors*

11h30-12h00: Mr P Coombes (Anglo American): *Social plans and mine closure*

LUNCH (12h00-13h00)

Session 6: Case Studies

13h00-13h30: Dr A van Niekerk (Golders): *Water treatment options for mine closure – Witbank coal mines as a case study*

13h30-14h00: Dr B Usher (IGS): *Technical issues relating to the closure of the Witbank collieries*

14h00-14h30: Dr F Winde (Goldfields): *Technical issues relating to the closure of the Far West Rand gold mines*

AFTERNOON TEA (14h30-15h00)

15h00 -15h30: Mr P Swart (AngloGold Ashanti): *Strategies for closure and optimal land use of reclaimed dump footprints*

15h30-16h00: Dr H Coetzee (Geoscience): *DME project on preventing water ingress into Witwatersrand gold mines*

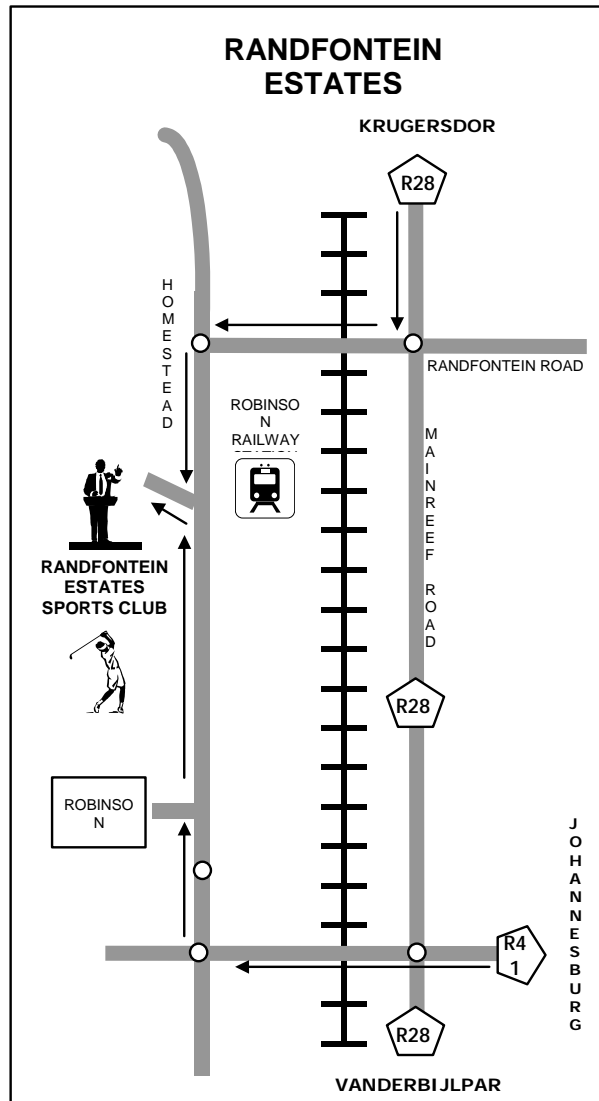
BACKGROUND

All mines have a finite operational life up till the point when the economically viable mineral reserves have been depleted. The end of a mine's operational life is a critical one that requires careful and thorough forward planning in order to mitigate the socio-economic and environmental impacts at and beyond the end of mine life.

Mines are also required to follow particular procedures at this point in their life cycle in order that they can successfully apply for mine closure. A key requirement for mine closure is that the mine demonstrates that it has properly understood and quantified the long-term environmental impacts, that it has developed and implemented appropriate strategies to mitigate these impacts and that adequate financial resources have been made available to sustain these strategies.

While the DME and DWAF do have policies and practices with regard to how mine closure should be planned and motivated, there exists much uncertainty and misunderstanding on this issue. This 2-day conference has been specially structured to bring all the key roleplayers together to present their various viewpoints for discussion and debate. A series of informative case studies will also be presented to illustrate the different approaches that are being followed to plan for mine closure.

A key feature of this 2-day conference is the participation of 2 international experts as Keynote speakers. They will be presenting international perspectives on the mine closure planning issues facing the industry.



6 - 7 April 2005
Mine Closure

Two day Conference on MINE CLOSURE

REGISTRATION FORM

Please complete and return this form together with the appropriate remittance made payable to "WISA Mine Water Division", P O Box 861 Auckland Park, 2006

Surname

Title (Prof/Dr/Mr/Ms) Initials

Name for name tag

Organisation

Postal Address:

..... Postal Code

Tel : () Fax: ()

E-mail:

Yes, I require an invoice

By which means did you receive notification of this symposium?

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REGISTRATION CLOSING DATE : 24 March 2005

Registration Fees: R912.00 (Incl. VAT)

Please note: Bookings will only be accepted on receipt of the completed registration form, after which you will be liable for the full fee, whether you attend or not.

Queries

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