

MINUTES OF THE GROOTDRAAI DAM FORUM MEETING HELD ON 24 FEBRUARY 2005

ATTENDANCE LIST	
Stephan Raal (SR)	Beverley Monametsi (BM)
Cebo Mhlongo (CM)	Sias Burger (S B)
M. Lintnaar- Strauss (M L-S)	Gawie Rademeyer (G R)
Flam Fourie (FF)	Mike van der Walt (M vd W)
Avril Van Zyl (A V Z)	Marie Smit (MS)
Ester Appleyard (EA)	M Kubeka (M K)
J I Rademeyer (JR)	Juanita van der Berg (Jvd B)
S. Gidimi (S G)	T.A. Thobesane (T T)
A Kapsosideris (A K)	Dirk Hanekom (D H)
Thabo Masike (TM)	
Francois Koegelenberg (F K)	

	DISCUSSIONS	ACTION
1.	WELCOME AND INTRODUCTION OF ATTENDEES AND APOLOGIES D H welcomed everybody to the Forum meeting. Apologies were received from K Smit, L. Koegelenberg; K Chetty and D Mosoabi.	
2.	MINUTES OF THE PREVIOUS MEETING Point 7 correction: Majuba Power Station – the EIA was finalised and submitted. Minutes of meeting were accepted.	
3.	MATTERS ARISING FROM THE PREVIOUS MINUTES Point 4.1: DWAF has to write a letter to the Director General regarding the non-compliance of municipal sewage works and report back to the forum.	Action : DWAF

<p>4.</p>	<p>PRESENTATIONS : TREATMENT OF POLLUTED MINE WATER</p> <ul style="list-style-type: none"> • S Raal from Ingwe Collieries gave a presentation on the prefeasibility stage of the Emalahleni mine water reclamation project. • The drivers for the project are a shortage of local water resources and an increase in excessive mine water. • Water requirements in the Emalahleni municipal area will increase from now until 2030 and a supplemental water resource is needed. • The intention is to treat mine water to potable standards and then to sell the water to the municipality. • The municipality has in principle agreed to buy the mine water, but the cost implications have not yet been discussed. • Potable water pricing for domestic water is estimated at R2.16 /m³. • The capital cost for the pipeline, including water abstraction and treatment infrastructure are estimated at R 65 million. • Water will be desalinated, heavy metals will be removed, water will be treated and polished and sold to other mines. • Greenside and Kleinkopje Collieries are involved in the project. • Ten technologies were evaluated based on previous test work. • DWAF commented that the water from the project has to contribute to the reserve. • The environmental status of the water body has to be determined. • At this stage it is not clear how brine will be treated and disposed of. • Looking at options such as disposing of brine at a hazardous waste site or to put the brine in ponds. • Trucking the brine to a hazardous site will be a very expensive option. • Other options include pumping the waste to a penstock and the neutralisation of the waste. <p>REPORT BACK FROM RAND WATER ON THE WATER QUALITY IN THE CATCHMENT</p> <ul style="list-style-type: none"> • CM discussed the results for the Rand Water sampling points for the period October – December 2004. • Data from the sewage works for Bethal and Ermelo were discussed in detail. • Data from January 2000 to December 2005 were also discussed. • There was a comment that the fluoride levels and alkalinity were very high in the catchment. • C M wanted to know what the DWAF is doing about pollution caused Ermelo sewage works. • It was suggested that the Forum writes a letter to the DWAF to complain about the lack of action on their side. 	<p>Action: Forum Chairman</p>
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	<p>6.2 <u>License application status</u>: following applications still outstanding: New Denmark brine disposal; Camden water use license, and Spitzkop Colliery license.</p> <p>6.3. No <u>pollution incidences</u> were reported.</p> <p>6.4 <u>Water quality status for the Grootdraai Catchment</u>: ML-S requested all water users to present water quality monitoring results at the next forum meeting.</p> <p>6.5. DWAF Head Office would like to give a presentation to the forum about the DWAF Internal strategic perspective at the next forum meeting.</p> <p>6.6 DH announced that due to other work commitments, he was unable to fulfill his duties as chairman of the Forum any longer. He requested that another chairperson be elected. Mr. Stephan Raal was elected as the new chairperson for the Grootdraai Forum.</p> <p>6.7 FK suggested that all forum members invite additional stakeholders to attend the Forum.</p>	<p>Action: DWAF</p> <p>Action: All forum members</p> <p>Action: DWAF Head Office</p>
7	<p>CLOSURE DH thanked everybody for attending the meeting. The meeting was closed.</p>	