

**MINUTES OF THE GROOTDRAAI DAM FORUM MEETING
HELD ON 28 FEBRUARY 2007**

ATTENDANCE REGISTER

NAME		COMPANY
K. CHETTY	KC	RAND WATER
S. BLOY	SB	BHP BILLITON
I. PHALANE	IP	DEPARTMENT OF WATER AFFAIRS AND FORESTRY: WQS.
S. MZOBOSHE	SM	DIGBY WELLS AND ASSOCIATES
L. HILTON GRAY	LHG	DIGBY WELLS AND ASSOCIATES
E. DANIELS	ED	MASHALA RESOURCES
S. BURGER	SB	MPUMALANGA DEPARTMENT OF AGRICULTURE AND LAND AFFAIRS.
C. VAN ASWEGEN	CvA	ESKOM : MAJUBA RAILWAY SIDING
J. LE ROUX	JLR	DEPARTMENT OF HEALTH AND SOCIAL SERVICES: GERT SIBANDE DISTRICT
K. LIGEGE	KL	ESKOM: MAJUBA PS CHEMICAL SERVICES
T.E. TSHIKOMBA	TT	ESKOM: TUTUKA PS
A. SALAGAE	AS	DEPARTMENT OF WATER AFFAIRS AND FORESTRY: WRSP
T. TSHABIDI	TT	DEPARTMENT OF WATER AFFAIRS AND FORESTRY: RP&W
S. RADEMEYER	SR	DEPARTMENT OF WATER AFFAIRS AND FORESTRY: NWRP
M. LIKHETHE	ML	RAND WATER
L. SMITH	LS	ESKOM: TUTUKA P/S
L. KOEGELENBERG	LK	ESKOM: CAMDEN P/S
J. DUNN	JD	GOVAN MBEKI LOCAL MUNICIPALITY
J. VAN ECK	JvE	GOVAN MBEKI LOCAL MUNICIPALITY
J. MAKHANYA	JM	ESKOM: MAJUBA P/S
PM SEABELO	PS	TUTUKA PS
K. KHUNWANE	KK	X-STRATA COAL MPUMALANGA COMPLEX
T. PHIDZA	TP	ESKOM: CAMDEN POWER STATION
Z. THABETHE	ZT	DEPARTMENT OF AGRICULTURE AND LAND AFFAIRS.
Z. KUTSU	ZK	DEPARTMENT OF AGRICULTURE AND LAND AFFAIRS: MPUMALANGA.
S. MDLETSE	SM	ESKOM: GENERATION
D.P.M. KUBEKA	DK	DEPARTMENT OF AGRICULTURE AND LAND AFFAIRS.

	DISCUSSIONS	ACTION
1.	<p>WELCOME AND INTRODUCTION OF ATTENDEES AND APOLOGIES KC welcomed everyone to the forum meeting.</p> <p>Apologies were received from F. Koegelenberg (MDALA), B. Monametsi (Eskom: Majuba P/S), D. Masoabi (Rand Water), AB Maiyana (Golfview).</p>	
2.	<p>MINUTES OF THE PREVIOUS MEETING</p> <p>No changes were made to the previous minutes. The minutes were accepted as the true reflection of the meeting held on 09 November 2007.</p>	

<p>3.</p>	<p>MATTERS ARISING FROM THE PREVIOUS MINUTES</p> <p>Point 3: new housing development in Bethal</p> <p>KC informed the members of the forum that ML followed the issue up and that no response from the developer was received.</p> <p>Point 5: Department of Health</p> <p>IP gave a short description of the concern that was raised in the previous meeting. IP mentioned that the issue was forwarded to Elias Nkuna (EN) from DWAF: Water Services. EN conducted an investigation and compiled a report for the Department of health, advising them on treatment processes and chemical dosages.</p> <p>Point 6.5: Environmental Management Summit</p> <p>IP mentioned that the requested information was sent to Nigel Adams and that updates will be made. KC added that Rand Water is compiling the sewage treatment plant report.</p> <p>Point 6.6 New Coal Mine</p> <p>KC informed the forum members that the coal mine that was referred to in the previous meeting does not impact on the Grootdraai Dam Catchment but on the Waterval Catchment.</p>	
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<p>4.</p>	<p>PRESENTATIONS</p> <p>Loubert Rehabilitation Monitoring System.</p> <p>IP made a presentation on the Loubert Rehabilitation Monitoring System. IP presented the Water Quality Graphs for the period 01 January 2001 to 01 January 2007. The data was for the three sampling points registered to monitor the quality of water in the Humanspruit</p> <p>Majuba Coal Transport Systems.</p> <p>SM made a presentation on Majuba Coal Transport System. The purpose of the presentation was to inform the Grootdraai Dam Catchment stakeholders about Eskom's projects in the Catchment.</p> <p>The following concerns were raised:</p> <p>ZK enquired about the duration of the project and appointment of service providers. Response: CvA indicated that should there be no delays, the completion date is planned to be the year 2009. CvA also stated that the tender procedure was followed for the appointment of service providers.</p> <p>AS requested clarity on the upgrading of the existing lines and on the negotiations with farmers who have authorized water uses to supply Eskom during the construction phase. Response: SM indicated that negotiations with farmers did not yet commence as this issue only came up when DWAF indicated that Section 21(a) water use couldn't be authorized.</p> <p>LHG enquired if the railway line will go over existing mines. Response: CvA mentioned that the line does not go over existing mines.</p> <p>JLR enquired if sanitation issues have been addressed. Response: SM indicated that the issue of sanitation was addressed in the EIA and EMP.</p> <p>SB enquired about the working shifts Response: CvA responded by saying employees will only be working day shifts.</p> <p>Feedback: Integrated Vaal River Studies</p> <p>SR made a presentation on the Integrated Vaal River Studies. The objective of the presentation was to indicate how National Water Resource Planning and Water Use Efficiency studies were integrated. More focus was on water quality.</p>	
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5.	<p>REPORT BACK FROM STAKEHOLDERS IN THE GROOTDRAAI DAM CATCHMENT</p> <p><u>Rand Water Board:</u></p> <p>ML made a presentation on the water quality status in the Grootdraai Dam Catchment for the period starting on 1 January 2006 and ending on 31 December 2006. ML highlighted on the problem areas and discussed the quality of water discharged at the sewage works.</p> <p><u>Tutuka Power Station:</u></p> <p>LS made a presentation on water quality at Thutuka power station.</p> <p><u>Camden Power Station:</u></p> <p>LK informed the forum members that 4 of 8 units at Camden Power Station are operating. She also mentioned that the Coal Stock Yard dam was built to reduce impacts on groundwater.</p> <p>LK raised a concern about the ongoing pollution at the G12 military base. LK also mentioned that there was an overflow at the raw water dam, which is currently owned by DWAF. IP undertook to follow up on this issue.</p> <p><u>Majuba Power Station:</u></p> <p>JM made a presentation on the water quality status at the sewage works, Dirty Dam and the Clean Dam. The presentation can be summarized as follows:</p> <ul style="list-style-type: none"> • Sewage Works <ul style="list-style-type: none"> ○ Ammonia concentration decreased from January 2007. ○ Phosphate concentrations do not comply with the set standards. ○ There was pump failures during the month of October 2007. • Clean Dams <ul style="list-style-type: none"> ○ Sulphates improved. <p>Water that is recovered from the power station area is stored in the dirty dams.</p> <p><u>New Denmark Colliery (NDC):</u></p> <p>No Presentation was made, as there was no representative.</p> <p><u>Golfview Mine:</u></p> <p>No Presentation was made, as there was no representative.</p> <p><u>Spitzkop and Tselentis:</u></p> <p>KK made a presentation of water quality at Spitzkop and Tselentis. KK focused more on the points SPSR 11 and SPSR 17 as DWAF enquired about corrective measures to improve the water quality at these points. KK mentioned that the mine would soon start with the rehabilitation. IP raised a concern that if the quality of water in the voids is poor, there is a potential for groundwater pollution. IP requested that the mine submit the rehabilitation plan before they commence with the rehabilitation.</p> <p><u>Delta/ Mashala Resources:</u></p> <p>LHG indicated that there are changes in plans for the opening of Penumbra mine and gave a short summary on the new plan. LGH mentioned that underground workings will be accessed through the new box cut and that the old box cut will not be used.</p> <p><u>Msukaligwa Municipality:</u></p> <p>There was no presentation made because there was no representative present.</p> <p><u>Govan Mbeki Municipality (GMM):</u></p> <p>JvE mentioned that GMM employed the new Biochemist who started on 01 January</p>	Action: IP
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Lekwa Municipality:

There was no presentation made because there was no representative present.

Seme Municipality

There was no presentation made because there was no representative present.

Department of Agriculture and Land Affairs: Mpumalanga (MDALA)

ZK's presentation can be summarized as follows:

- Integrated Waste Management Plan (IWMP)
ZK mentioned that the IWMP study was completed.
- Waste Management Bill
ZK mentioned that the Waste Management Bill is available on the DALA website.
- Waste Information System
ZK indicated that stakeholders like Sasol already started feeding in information into the WIS and that the municipalities did not yet start.
- Minimum requirements for waste disposal
ZK indicated that the new version is available on the DWAF website.
- Permitting of sites
ZK reminded the forum that the function of permitting the landfill sites was transferred to DEAT.

Concerns raised can be summarized as follows:

TT enquired if mine waste is included in the Waste Management Bill.

ZK responded that he is aware that industries are included, and that because mines are also producing waste, mines are included.

Department of Minerals and Energy

There was no presentation made because there was no representative present.

Department of Health

JLR mentioned that municipalities that do not comply with the objectives must be taken to task because there are funds allocated to address such issues. JLR also indicated that the G12 military base is continuously polluting the Witbankspruit. JLR emphasized that prevention is not only better than cure, but also cheaper than cure.

In closure, JLR mentioned that the community is educated that seeping the water through a cloth is another way of treating the water. JLR enquired about other contaminants

BHP Billiton

SB informed the forum that he will be able to report back to the forum during the next forum meeting.

