

**MINUTES OF THE GROOTDRAAI DAM FORUM MEETING
HELD ON 09 NOVEMBER 2006**

ATTENDANCE REGISTER

NAME		COMPANY
K. CHETTY	KC	RANDWATER
M. LINTNAAR STRAUSS	ML-S	DEPARTMENT OF WATER AFFAIRS AND FORESTRY: WQS.
I. PHALANE	IP	DEPARTMENT OF WATER AFFAIRS AND FORESTRY: WQS.
M. KADIAKA	MK	DEPARTMENT OF WATER AFFAIRS AND FORESTRY: RDM.
A. SALAGAE	AS	DEPARTMENT OF WATER AFFAIRS AND FORESTRY: WRSP
W.J. MALULEKE	WJM	DEPARTMENT OF WATER AFFAIRS AND FORESTRY: RP&W
S. RADEMEYER	SR	DEPARTMENT OF WATER AFFAIRS AND FORESTRY: NWRP
S. DUBAZANE	SD	DEPARTMENT OF WATER AFFAIRS AND FORESTRY:
D. MASOABI	DM1	RANDWATER
L. SMITH	LS	ESKOM: TUTUKA P/S
L. KOEGELENBERG	LK	ESKOM: CAMDEN P/S
F. KOEGELENBERG	FK	MPUMALANGA DEPARTMENT OF AGRICULTURE AND LAND AFFAIRS.
J. DUNN	JD	GOVAN MBEKI LOCAL MUNICIPALITY
J. VAN ECK	JvE	GOVAN MBEKI LOCAL MUNICIPALITY
S. MPONDO	SM	ESKOM: MAJUBA P/S
J. MAKHANYA	JM	ESKOM: MAJUBA P/S
K. LEGEGE	KL	ESKOM: MAJUBA P/S
K. KHUNWANE	KK	X-STRATA COAL MPUMALANGA COMPLEX
C. THABETHE	CT	MPUMALANGA DEPARTMENT OF HEALTH AND SOCIAL SCIENCES
D. MOSITO	DM2	INGWE COLLIERY LIMITED
N. GOVENDER	NG	INGWE COLLIERIES LIMITED.

	DISCUSSIONS	ACTION
1.	<p>WELCOME AND INTRODUCTION OF ATTENDEES AND APOLOGIES</p> <p>KC welcomed everyone to the forum meeting.</p> <p>Apologies were received from F. Fourie (Govan Mbeki Local Municipality), S. Burger (DALA), M. Kubeka (DALA), B. Monametsi (Eskom: Majuba P/S), K Rademeyer, M. Likhetha (Randwater), P. Dama (Digby Wells and Associates), T. Moloji (DWAF), S. Dean (DWAF), M. Van Der Walt (Eskom: Tutuka P/S), E. Daniels (Delta Mashala), AB Maiyana (Golfview).</p>	
2.	<p>MINUTES OF THE PREVIOUS MEETING</p> <p>The following changes were made to the previous minutes:</p> <ul style="list-style-type: none"> • On the attendance list <u>M.J.</u> Maluleke was corrected to <u>W.J.</u> Maluleke. • Point 5 (report back from stakeholders) under the heading “Rand Water Board”, the sentence “<u>Randwater Board Website</u>” was changed to the “<u>Information Website managed by Randwater Board</u>” <p>With the changes above, the minutes were accepted as the true reflection of the meeting held on 17 October 2006.</p>	

<p>3.</p>	<p>MATTERS ARISING FROM THE PREVIOUS MINUTES</p> <p>Point 4: Waste Discharge Charge System (WDCS).</p> <p>IP informed the members of the forum that DWAF already started with the regional workshops for WDCS. The workshop for Mpumalanga province was held on 03 November 2006. IP mentioned that interested people who missed the workshop can attend the workshop on 16 November 2006 at CSIR in Pretoria.</p> <p>Point 6.4.2 New housing development in Bethal</p> <p>IP mentioned that DWAF did not receive anything in writing from the developers and that no comments were made. JvE promised to give IP the contact details of the responsible person in Govan Mbeki Municipality (Nick Van Der Merwe). IP will follow up.</p>	<p>Action: IP</p>
<p>4.</p>	<p>PRESENTATIONS (Copies Attached)</p> <p>Situational Analysis of Sewage Treatment Plants in the Grootdraai Dam Catchment.</p> <p>IP made a presentation on the observations that the Department noted during site visits at the Sewage Treatment Plants in the Grootdraai Dam Catchment. The water quality graphs for the period January 2006 to September 2006 were discussed.</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.</p> <p>Water Resource Classification System Position Paper.</p> <p>MK made a presentation on WRCS. She indicated how the WRSC would help to facilitate the Integrated Water Resource Management. A set of guidelines and procedures for determining the class of the water resource were discussed.</p>	

5. REPORT BACK FROM STAKEHOLDERS IN THE GROOTDRAAI DAM CATCHMENT

Rand Water Board:

KC made a presentation on the water quality status in the Grootdraai Dam Catchment for the period 1 July 2006 to 30 September 2006. KC highlighted on the problem areas and shortly discussed the quality at point VKK (Brummerspruit below Ermelo). She also informed the members that the monitoring point maps and reports are available on the reservoir website (www.reservoir.co.za).

Tutuka Power Station:

LS mentioned that the hand-held Dissolved Oxygen (DO) Meters were purchased at Tutuka Power Station. She also mentioned that the Manual Coagulation Dosing System has been installed and that the fixed DO meter will be ordered.

ML-S requested LS to ask her colleagues from the Water Section to be present at the forum meeting.

Camden Power Station:

LK informed the forum members that 3 of 8 units at Camden Power Station are operating. She also mentioned that less water is used at the plant because water is being re-used.

Majuba Power Station:

JM made a presentation on the water quality status at the sewage works, Dirty Dam and the Ash dam. JM stated that there COD at sewage treatment plant exceeds the specification and that the average of 500 mg/l for Sulphates was analyzed at the Dirty Dam.

New Denmark Colliery (NDC):

No Presentation was made, as there was no representative.

Golfview Mine:

No Presentation was made, as there was no representative.

Spitzkop and Tselentis:

KK made a presentation of water quality at Spitzkop and Tselentis. A locality map for the monitoring points was displayed to indicate the points referred to in the presentation. It was evident from the presentation that there is a problem of Sulphates at the point SPSR11 (Spitzkop downstream point). Sulphates are at the average of 1600mg/l.

Delta/ Mashala Resources:

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

Msukaligwa Municipality:

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

Govan Mbeki Municipality (GMM):

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

	<p><u>Lekwa Municipality:</u></p> <p>There was no presentation made because there was no representative present.</p> <p><u>Seme Municipality</u></p> <p>There was no presentation made because there was no representative present.</p> <p><u>Department of Agriculture and Land Affairs: Mpumalanga (MDALA)</u></p> <p>FK highlighted that there is a lot of illegal irrigation activities and that DWAF can save a lot of water if such activities are investigated. He also mentioned that there are now a lot of small-scale mining activities in Ermelo, and he would prefer if the DME could indicate if these mining companies have proper permission to continue with their activities. ML-S indicated that the Department may not be aware of other mining activities and asked FK to alert the Department of mining activities in the catchment.</p> <p>FK enquired what the reason is that there were no longer status reports and feedbacks of Waste Disposal Sites in the Catchment. ML-S responded by saying that the function of solid waste management has been transferred to DEA T.</p> <p><u>Department of Minerals and Energy</u></p> <p>There was no presentation made because there was no representative present.</p> <p><u>Department of Health</u></p> <p>CT raised a concern regarding the dead fish in the Grootdraai Dam Catchment, particularly the Rietspruit. IP responded that the fish started to die at the end of August 2006 and the beginning of September 2006 when the temperature was very low.</p> <p>CT reported that the quality of water at Ermelo Hospital is improving and that there is a suspicion that the poor quality was due to the leaking tap at the hospital.</p> <p>CT informed the forum that he is still awaiting response from DWAF-WS regarding the treatment procedures for drinking water at the hospital as well as the recommended dosages of chemicals. IP responded that the query was forwarded to DWAF-WS and CT's contact details were forwarded to Elias Nkuna (DWAF WS) who will follow up and report back to CT.</p>	<p>Action: IP</p>
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6.	GENERAL	
	6.1 <u>License application status:</u>	

<ul style="list-style-type: none"> Camden Water Use License Application IP mentioned that the Camden licence is in DWAF RO for minor changes and internal review and that it would be forwarded to DWAF HO as soon as it is completed. Spitzkop Water Use License Application WJM informed the forum that the application was put on hold until the Department of Minerals and Energy informed DWAF that the farm on which a complaint was made, was excluded in the EMPR. DWAF HO submitted the application to DWAF legal services on 29 September 2006. <p>6.2. <u>Pollution incidents:</u></p> <p>IP informed the forum members of the following incidents that occurred:</p> <ul style="list-style-type: none"> On 31 August 2006 the Department was informed about raw sewage flowing from the military base at G12 near Camden power station. IP added that the Department of Public Works is responsible for this sewage treatment plant and that DWAF and that a site visit was conducted by DWAF. DWAF intends to conduct the site visit together with officials from the Department of public works. On 16 November 2006 a tanker owned by Tanker Services missed a turn on Naude street in Bethal and ended up in the Blesbokspruit where 2500 liters of Diesel was spilled. IP informed the forum that a lot of fish died at the Grootdraai Dam Catchment during the month of September 2006. The cause of this incident was low temperature. IP indicated that the incident did not only occur at the Grootdraai Dam. Sluice gates were opened to clean the dead fish close to the dam and the fish were washed down until Standerton. <p>6.3 Dates of forum meeting in 2007</p> <p>KC suggested the dates for the forum for 2007 and indicated that the dates do not clash with other Catchment forum dates. The dates were proposed as follows:</p> <ul style="list-style-type: none"> 28 February 2007 30 May 2007 29 August 2007 28 November 2007 <p>6.4 Selection of team for water week arrangements.</p> <p>The following people were nominated to facilitate the arrangements of the water week celebration.</p> <ul style="list-style-type: none"> Kaizer Khunwane (X-Strata Coal) Sias Burger (DALA) Karen Chetty (Randwater) Ishmael Phalane (DWAF) <p>JvE indicated that Govan Mbeki Local Municipality would be involved in the Waterval Catchment.</p> <p>6.5 Environmental Management Summit</p> <p>JD informed the forum that Govan Mbeki Local Municipality is in the process of planning an Environmental Management Summit for the year 2007. The municipality therefore made an appeal to the forum to assist with gathering information that relates to Environmental Management. The said information could be faxed to (017) 634 8195 or e-mailed to melato.m@govanmbeki.gov.za to the attention of Melato Michele.</p> <p>6.6 New coal mine</p> <p>JvE informed the forum that there is a mine, which will be opened between Secunda and Bethal and enquired if DWAF is aware of that mine. ML-S requested JvE to forward further detail regarding this new mine. DME was not present to give details.</p>	<p>Action: IP</p> <p>Action: WJM</p> <p>Action: IP</p> <p>Action: JvE</p>
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7	CLOSURE KC thanked everybody for attending the meeting. The meeting was closed.	