

Minutes of the Grootdraai Dam Forum Meeting held 21 February 2012 at Nooitgedacht, Ermelo

	Discussion	Action/Follow up
1.	<p>Welcome and introduction of attendance and apologies</p> <ul style="list-style-type: none"> R. Hariram welcomed everyone present to the forum meeting. 	
2.	<p>Apologies</p> <ul style="list-style-type: none"> E Matseba DWA Gauteng Region T Malotle Eskom (Tutuka) 	
3.	<p>Minutes of previous meeting</p> <ul style="list-style-type: none"> Minutes were read, corrected and agreed upon by all present. 	
4.	<p>Matters Arising from previous meeting</p> <ul style="list-style-type: none"> Thutuka Power Station there was supposed to give a presentation on the system they use to remove the nutrients and how their plant operates. B Malatsi indicated that he had challenges when trying to contact the responsible person at DMR because he left the Department however he managed to have a meeting with the applicant currently they are planning to continue with the mining activities and it was agreed that they will get proper authorization from DMR. J Nyama was tasked to check Water Quality limits of Majuba Power Station. She answered that the Power Station water quality limits are the same as general standard. J Nyama was tasked to find out where pollution is coming from at Old Spitzkop monitoring point. She indicated that Umsobo was informed about this matter and they responded that the mine is not located within their mining boundary; however they will write the letter to the Department indicating their boundaries around the area. 	<p><i>T Malotle to give presentation at the next meeting.</i></p> <p>DWA to identify all Historical Mines at Ermelo & ownership</p>
5.	<p>Additions to the Agenda</p> <ul style="list-style-type: none"> Agenda was approved with some additions. 	
6.	<p>Rand Water</p>	
6.1	<ul style="list-style-type: none"> Vaal River @ Ermelo – in terms of water quality there was none compliance of Alkalinity. Rietspruit below Amersfoort- there was none compliance of sulphate, alkalinity and conductivity. 	
	<ul style="list-style-type: none"> Brummerspruit below Ermelo- there was none compliance of ammonia, alkalinity, phosphate, sulphate and conductivity. 	

	<ul style="list-style-type: none"> • Brummerspruit before Vaal River- there was none compliance of nitrates, phosphate and conductivity. • Bethal Sewage works- there was none compliance of ammonia and other variables were within the standard. • Ermelo Sewage works- there was none compliance of ammonia. • The forum wanted to know whether after the closure of Imbabala Coal mine there were any changes in terms of water quality. R Hariram answered that they haven't noticed any changes. The forum requested DWA to take samples upstream and downstream of the Imbabala Coal Mine in order to assess the impact. 	<p><i>DWA and Rand Water to take samples and report at the next meeting.</i></p>
6.2	<p>DWA Gauteng Water Quality Management</p> <p><i>J Nyama</i> presented the Grootdraai dam catchment for the period of November 2011 to January 2012, that shows that throughout the catchment there was none compliance in terms of conductivity.</p> <ul style="list-style-type: none"> • Vaal River origin @ N17 Bridge- there was none compliance of conductivity, chloride and Sulphates. • Humanspruit D/S of Delta Mine – during January 2012 there was none compliance of conductivity, chloride, Sulphates and COD. • Witpuntspruit @ Usutu Mine and Witpuntspruit @ R29/N2 Camden Bridge – both points there was none compliance of conductivity, chloride, PH and sulphate. • GDDC06 Spruit at Old Spitzkop- there was none compliance of conductivity and Sulphates. • Ermelo Sewage works- there was none compliance of conductivity, ammonia, COD and faecal coliform. • The forum requested why analysis of sulphate was not done at Ermelo Sewage works. J Nyama responded that there is no mine discharging into the WWTW. 	<p>The DWA will arrange site visit to Majuba Power station regarding underground gasification pollution.</p>
6.2.1	<p>DWA Gauteng Waste Management</p> <p><i>T Pather</i> reported that in Grootdraai, there are three (03) small and two (02) medium landfill sites. The small landfill sites are Breyten, Bethal and Amersfoort landfill site. Breyten and Amersfoort are licensed. Bethal not yet licensed but it's in the process of being licensed.</p>	<p>DWA and MDEDET to provide Land fill sites status</p>
6.3	<p>Tutuka Power Station</p> <ul style="list-style-type: none"> • No measure issues. 	
6.4	<p>Camden Power Station</p>	

	<ul style="list-style-type: none"> • Absent without apology 	
6.5	<p>Majuba Power Station</p> <p>J Makhanya gave presentation and the forum wanted to know how often they experience spillages. She answered that the last time it was in 2009 due to heavy rain.</p>	
6.6	<p>New Denmark Colliery</p> <ul style="list-style-type: none"> • Absent without apology 	
6.7	<p>Golfview Mine</p> <ul style="list-style-type: none"> • Absent without apology 	
6.8	<p>X-strata (Spitzkop)</p> <p><i>T Mathebula</i> gave presentation and announced that Umsobo will take all the Environmental liabilities and priorities the environmental management, also announced that in due cause, the forum will be informed formally as affected party. There was one incident due to transformer theft, they managed to install a decant pump and the incident was reported to DWA. Spitzkop has applied for amendment of IWUL and site visit was conducted by DWA.</p>	
6.9	<p>Delta / Penumbra</p> <p><i>D Mare</i> indicated that at Penumbra they are busy with construction of the underground mine.</p>	
6.10	<p>Mooiplaats / Coal of Africa</p> <p><i>L Rampete</i> gave presentation of their Water Quality status.R. Hariram requested Mooiplaats to give the forum a map indicating their sampling points.</p>	
6.11	<p>Umlabu Coal Mine</p> <p><i>W du Toit</i> gave presentation and also indicated that in the previous meeting there were requested to identify water coming from upstream operational estimated to be 400mg liter a day is coming from. He answered that currently they are still failing to identify the problem however he will make further investigation and report back at the next meeting.</p>	
6.12	<p>Imbabala Coal Mine</p> <ul style="list-style-type: none"> • Feedback will be given next meeting. 	
6.13	<p>Thutsi Colliery</p> <ul style="list-style-type: none"> • Feedback will be given next meeting. 	
6.14	<p>Usutu (i) Underground (closed) (ii) Opencast (Vunene coal mine)</p> <ul style="list-style-type: none"> • Feedback will be given next meeting 	

6.15	Govan Mbeki Municipality <ul style="list-style-type: none"> • Absent without apology 	
6.16	Gert Sibande Municipality <ul style="list-style-type: none"> • No feedback 	
6.17	Msukaligwa Municipality <ul style="list-style-type: none"> • Absent without apology 	
6.18	Pixley ka Seme Municipality <ul style="list-style-type: none"> • Absent without apology 	
6.19	Lekwa Municipality <ul style="list-style-type: none"> • Absent without apology 	DWA & MDEDET to invite the Municipalities
6.20	Mpumalanga Department of Economic Development, Environment and Tourism. <ul style="list-style-type: none"> • Nothing to report 	
6.21	Department Of Minerals Resources <ul style="list-style-type: none"> • Absent without apology 	
6.22	DWA HO <i>A Salagae</i> gave status of the project that has been done and the ones that are still planned. Water consumption strategy for the Vaal catchment has been done and it's finalized. Updating annual operating brows for the Vaal system has been done. This project is done by water quality planning; they are trying to capture the state of water quality within the source. When completed the findings of the project will be reported to the forum. There is a planned study intending to work at the social economic and environmental effect of water trending between Agriculture and Mines.	DWA HO to invite monitoring, enforcement and compliance DWA directorate to forum
7.	CMA <ul style="list-style-type: none"> • Absent with apology 	
8.1	License applications <ul style="list-style-type: none"> • Tutuka Power Station- they have applied for WULA the department still waiting for the outstanding information. • Thutsi Colliery – DWA will have a meeting with their civil design regarding the applicant pollution control dam on 22 February 2012. • Eskom road – they are planning to fix the road at Amersfoort still waiting for the outstanding information from the applicant in order to proceed. • Bethal and Amersfoort WWTW- waiting for surface water reserve and that is being done by DWA section in the National Office. • New Denmark Colliery- brine ponds the department is waiting for the two organizations to agree in terms of transferring water. • Imbabala Coal Mine- they submitted incomplete information the WULA was sent to them to submit outstanding information. 	

	<ul style="list-style-type: none"> • Mooiplaats Colliery- WULA still with Letsema project. • Umlabo- still in the initial process face. 	
8.2	Pollution incident <ul style="list-style-type: none"> • Reported during the meeting. 	
8.3	Yellow fish assessment <ul style="list-style-type: none"> • <i>R Hariram</i> gave yellow fish assessment presentation. 	
9.	Closure <ul style="list-style-type: none"> • <i>R Hariram</i> thanked everyone for participating and adjourned the meeting. 	