

Minutes of the Grootdraai Dam Forum Meeting held 22 November 2011 at Nooitgedacht, Ermelo

	Discussion	Action/Follow up
1.	<p>Welcome and introduction of attendance and apologies</p> <p>R. Hariram welcomed everyone present to the forum meeting.</p>	
2.	<p>Apologies</p> <ul style="list-style-type: none"> • E Matseba DWA Gauteng Region • B Malatsi DWA Gauteng Region • S Modukanele DWA Head Office • U Franke EWT • T Malotle Eskom (Tutuka) • F Koegelenberg DARDLA • N Barnard Mooiplaats Colliery • S Kruger Golfview 	
3.	<p>Minutes of previous meeting</p> <p>Minutes were read, corrected and agreed upon by all present.</p>	
4.	<p>Matters Arising from previous meeting</p> <p><i>T Malotle</i> was supposed to give a presentation; <i>J Nyama</i> indicated that the presentation will be postponed to the first forum meeting of 2012.</p> <p><i>J Nyama</i> indicated that Xstrata has submitted their amendment of IWUL to the department.</p> <p><i>B Malatsi</i> not presents to give feedback on the meeting with DMR to discuss way forward with regard to the closed Imbabala mine.</p>	<p><i>T Malotle to give a presentation on the system that they use to remove the nutrients and how their plant operates.</i></p> <p><i>B Malatsi to give feedback on the outcome of Imbabala Mine meeting.</i></p>
5.	<p>Additions to the Agenda</p> <p>6.2.1 moved from 6.23 8.4 Presentation by Ms I Main (<i>Save the Vaal</i>)</p>	
6.	<p>Rand Water</p> <p>6.1 <i>S Mporetji</i> presented water quality data indicating that Vaal Origin point for the past three (03) months it was acceptable. Water quality at Zaaihoek Dam was not compliant in terms of Alkalinity, however other variable were acceptable. Activities at Klein Vaal are generally agriculture, and the water quality is generally ideal and acceptable. Most of the variables are non-compliant at Rietpruit below Amersfoort including Alkalinity, Sulphates, COD, Conductivity, etc. Brummerspruit is very problematic almost all the variables are not complying. Recently when doing monitoring he noticed foam in the stream, and there tin of unknown</p>	

	<p>chemical disposed in the stream.</p> <p>VKR- there was poor assimilation capacity in the Brummerspruit, the river is failing to assimilate the contaminant from Ermelo because at VKR is only agricultural activities. VK- There was problems with E-coli, nitrates, phosphate, sulphate, COD and conductivity. VAS- experienced technical problems report will be available next meeting. VGK- there was non compliance in terms of E-coli, sulphate and conductivity. VBB- there was non compliance of all the variables except PH. VBS- there was non compliance of all the variables. VB- there was non compliance in terms of chloride, E-coli, sulphate, COD and conductivity. ND-LEEU- there was non compliance in terms of chloride, E-coli, sulphate, COD and conductivity due to activities at Tutuka power station. VS- The past three months all the variables were acceptable.</p> <p>Bethal, Ermelo and Majuba Sewage works- the past three months there was non compliance with ammonia. Bethal and Ermelo Sewage works- the past three (03) months there was non compliance with E-coli. Ermelo Sewage works- also failing to comply with chemical oxygen demand and conductivity.</p> <p>The question was asked if department is doing anything in terms of non-compliance of the sewage. <i>J Nyama</i> answered by indicating that the Department has embarked on projects such as blue drop project, in order to identify sewage works that are not complying.</p> <p><i>J Makhanya</i> indicated that Majuba Power Station does not use instream water quality guidelines when checking compliance; they have got their own limits.</p>	<p><i>J Nyama to check the water quality limits of Majuba Power Station.</i></p>
6.2	<p>DWA Gauteng Water Quality Management</p> <p><i>J Nyama</i> reported that she had a site visit regarding the incidents of the tin disposed in the Brummerspruit. The contractor Environmental Control Officer indicated that they are experiencing a lot of non conformance with regard to their project. He further indicated that he will monitor the area to ensure that they avoid such incidents. She continued by presenting the water quality report for the period of August to October 2011. She indicated that the Grootdraai Catchment is subdivided into sub catchments. The first sub catchment is the Vaal Origin (VE), so it means if a point is a VE then it falls within this sub catchment.</p> <p>Humanspruit D/S of Delta Mine- the past three months there (03) there was improvement even though it's still not complying. Witpuntspruit @ Usutu Mine and VE Witpuntspruit @ R29/N2 Camden Bridge – the past three (03) there was problems with conductivity, chloride, sulphate and PH. Ermelo Sewage works – there was non compliance in terms of E-coli and Faecal Coliform, however in October E-coli and faecal coliform there were complying because samples were taken in the morning 06:00. Bethal Sewage works- there was</p>	

	<p>non compliance of conductivity and ammonia, but it has improve in terms of E-coli, however downstream they are not complying due to pump stations that in most cases are overflowing. Leeuspruit at R39 Welbedacht Bridge- there was non compliance in terms of conductivity, chloride and sulphate. Activities around that area include agriculture, coal mine and power station. Majuba sub catchment water quality at Grootdraai the past three (03) it was acceptable. Old Spitzkop monitoring point problematic in terms of Sulphates.</p>	<p><i>J Nyama to find out who is responsible for that pollution.</i></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 (02) medium landfill sites. The small landfill sites are Breyton, Bethal and Amersfoort landfill site. In Ermelo, they are planning to build a bigger landfill site so that it can cater all the small landfill sites around the area. DWA will engage with DEA regarding this matter. As far as DWA knows, there are no much water impacts resulting from the small landfill sites. He further indicated that there are other disposal sites at power stations (e.g. ash dumps) and sewage works (e.g. sludge disposal facilities), as a result DWA is planning to look at such activities in future.</p> <p><i>S Mporetji</i> asked how old these small landfill sites. <i>T Pather</i> indicated that they do not have much impact on water; he indicated that he does not know but they are too small and their impact is minimal. They are located far from the water resources, and further indicated that the only impact could be on ground water. DWA regional office does not monitor ground water landfill site but Head Office does monitor.</p> <p><i>T Mogakabe</i> indicated that Ermelo regional landfill site license has been issued, the main aim of this site is to cater for all small landfill sites in the area. She requested that they work together with DWA for site inspections because in most cases the clients protect themselves by indicating that they were given permission by other department.</p>	
6.3	<p>Tutuka Power Station</p> <ul style="list-style-type: none"> • Absent with apology 	
6.4	<p>Camden Power Station</p> <ul style="list-style-type: none"> • Absent without apology 	
6.5	<p>Majuba Power Station</p> <p><i>J Makhanya</i> reported that according to their water quality they are within specification. As it was mentioned last meeting that they had high E-coli. They managed to take samples to CSIR laboratory but the samples were still the same.</p>	<p><i>Majuba Power Station will arrange with rand water to take sample the same day.</i></p>
6.6	<p>New Denmark Colliery</p> <ul style="list-style-type: none"> • Absent without apology 	

6.7	Golfview Mine <ul style="list-style-type: none"> Absent with apology 	
6.8	X-strata (Spitzkop) <ul style="list-style-type: none"> Absent without apology 	
6.9	Delta / Penumbra <i>D Mare</i> indicated that they are busy constructing Penumbra underground mine. Audit has been conducted and submitted to department. They also received water use licence for Ferreira Opencast Mine and currently busy with the audit.	
6.10	Mooiplaats / Coal of Africa <i>L Rampete</i> mentioned that he attend the meeting in order to hear the process of the application of the water use licence. He was requested to in future give a presentation of their water quality monitoring.	<i>L Rampete to present their water quality data.</i>
6.11	Umlabu Coal Mine They gave presentation and also mentioned that those who want the presentation it will be mailed to them. S Mporetji requested if they are able to identify were water was coming from upstream operational estimated to be 400mg liter a day is coming from. He answered that they are failing to identify were its coming from currently they are only speculating. Also said he will send outstanding information to J Nyama on their water use application in two weeks time.	<i>IWULA Outstanding information to be sent to DWA</i>
6.12	Imbabala Coal Mine No presentation.	<i>Feedback will be given next meeting.</i>
6.13	Thutsi Colliery No presentation.	<i>Feedback will be given next meeting.</i>
6.14	Usutu (i) Underground (closed) (ii) Opencast (Vunene coal mine) <i>W du Toit</i> gave a presentation for Vunene coal mine. He indicated that as it was reported last meeting that Eskom they are liable for closed underground mining, they did a study all over the opencast mine whereby they took samples randomly and after the samples it was recommended that wintpuntspruit need to be diverted away from underground.	
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 	
6.20	Mpumalanga Department of Economic Development, Environment and Tourism. <p><i>T Mogakabe indicated that they are dealing with all general waste activities in terms of licensing. Tutuka Power Station has received their waste license. MDEDET are responsible to write directive to the parties that are not complying with the condition of waste license. Requested attendance register of the forum in order to keep the forum updated. There was an authority meeting on new waste classification and regulations in terms of new NEMA wasted last time. Next face they will be officials who will visit the industries in order to show them how they classify their waste. Also said the aim of the project is to see how industries are generating and disposing their waste. Report will be available next meeting that shows how Eskom manage their waste.</i></p>	<p><i>T Mogakabe to give feedback regarding Eskom waste management</i></p>
6.21	Department Of Minerals and Energy <ul style="list-style-type: none"> • No representative 	
6.22	DWA HO <ul style="list-style-type: none"> • Absent with apology 	
6.23	DWA Waste Management <ul style="list-style-type: none"> • Addressed under 6.2.1 	
7.	CMA <ul style="list-style-type: none"> • Absent with apology 	
8.1	Licence applications <ul style="list-style-type: none"> • Tutuka Power Station- waiting for comment from abstraction and storage section. • Ferreira Coal Mine – issued with Water Use Licence. • Golfview and Mooiplaats application of Water Use License still in process. • Bethal and Amersfoort WWTW- waiting for outstanding information from the applicant. • Thutsi Colliery- submitted water use license application. • Imbabala- submitted their water use license application but there still outstanding information. • Spitzkop - submitted their water use license application. 	
8.2	Pollution incidents <ul style="list-style-type: none"> • There was no pollution incidents reported. 	
8.3	Date for 2012 forum meetings <ul style="list-style-type: none"> • Date for next meeting will be emailed. 	T Khoza to forward dates for 2012

		forum meetings
8.4	Save Vaal Dam <ul style="list-style-type: none"> • I <i>Main</i> gave presentation of Save Vaal Dam that contains their contact details, in case anyone need assistant in terms of pollution incidents. 	
9.	Closure <ul style="list-style-type: none"> • <i>R Hariram</i> thanked everyone for participating and adjourned the meeting at 12h30. 	