

## Minutes of the Grootdraai Dam Forum Meeting held 28 May 2013 at Nooitgedacht, Ermelo

No.	Discussion	Action/Follow up									
1.	<p><b><u>Opening and Welcome</u></b></p> <ul style="list-style-type: none"> <li>R. Hariram welcomed everyone present at the forum meeting</li> </ul>										
2.	<p><b><u>Apologies</u></b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">No</th> <th style="text-align: center;">Name</th> <th style="text-align: center;">Organisation</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>J Nyama</td> <td>Dept of Water Affairs</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No	Name	Organisation	1	J Nyama	Dept of Water Affairs				
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3.	<p><b><u>Minutes of previous meeting corrections</u></b></p> <ul style="list-style-type: none"> <li>It was indicated in the previous minutes that there was no representative for Vunene Mine but ENVASS was present and gave a presentation at the previous meeting – <b>Section 6.12</b></li> <li>Information on Msobo Coal under <b>Section 4</b> was removed as the data is incorrect</li> </ul>										
4.	<p><b><u>Matters Arising from previous meeting</u></b></p> <p>4.1 DWA to invite T Nyamande to give Vaal River Classification study at the next meeting</p> <p>4.2 The forum wanted know how DWA is planning to act against Municipalities that are not attending the forum.</p> <p>4.3 B Malatsi gave a presentation on the investigation that was done after a farmer complained about an old mine that is decanting into the stream.</p> <ul style="list-style-type: none"> <li>Water is decanting from the old mine into a nearby stream, elevated SO<sub>4</sub> levels (&gt;1000mg/l) but the pH is in order</li> <li>The stream ends up in the Douglas Dam which is used for potable water this is a major concern</li> <li>The mine also poses a major safety risk</li> <li>B. Malatsi will be engaging with the DMR to find a solution for the mine</li> </ul>	<p>C Shomolekae to arrange for 27 August 2013</p> <p>C Shomolekae to invite someone from protocol office to give a presentation 27 August 2013</p> <p>B Malatsi to provide feedback on progress – 27 August 2013</p>									
5.	<p><b><u>Approval of Agenda</u></b></p> <p>The following points were added to the agenda:</p> <ul style="list-style-type: none"> <li>Waste Discharge Charge System Presentation</li> <li>AMD DWA Presentation</li> <li>Rand Water Helicopter flight photos</li> </ul>										

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6.1	<p><b><u>Rand Water</u></b></p> <p>S Mporetjie presented the Water Quality results of Rand water that shows there are a number of non-compliances to the water quality guidelines in the Catchment. Waste Water Treatment Works are a major concern.</p> <p>Maps of the sampling points as well as the water quality results are available on the website: <a href="http://www.reservoir.co.za">www.reservoir.co.za</a></p>	
6.2	<p><b><u>DWA Gauteng Water Quality Management</u></b></p> <p>B. Malatsi presented the Grootdraai dam catchment DWA water quality results. Most of the variables were not complying in terms of conductivity, sulphates, chloride, E-coli, ammonia and ph.</p> <p>At the previous meeting (27 February 2013) R Hariram noted that at VS 2 Vaal River @ R29/N2 Bridge at Camden – ammonia value of 45 during December 2012 is very high and fish could die. R Hariram requested B Malatsi to verify the results from the Lab and report back in the next meeting.</p> <p>DWA will be initiating a project to investigate the Grootdraai Dam Catchment quality issues and concerns. This will involve a comprehensive water quality study with the objective of providing a water quality management plan to manage the impacts.</p>	<p>The results are correct as an accredited laboratory is used. The ammonia levels has since decreased to acceptable levels</p> <p>C Shomolekae to provide feedback - 27 August 2013</p>
6.2.1	<p><b><u>DWA Gauteng Waste Management</u></b></p> <ul style="list-style-type: none"> <li>• There are eight (08) landfill sites in this catchment</li> <li>• DWA only investigate the water issues associated with these landfill sites</li> <li>• Management and licensing of these sites are the responsibility of the Mpumalanga Department of Economic Development, Environment and Tourism (MDEDET)</li> <li>• Four of these landfill sites are not licensed</li> <li>• Bethal – not licensed</li> <li>• Standerton – <del>not licensed</del> <i>licensed</i></li> <li>• Breyton – small landfill site not much of impact.</li> <li>• Ermelo-performing well.</li> <li>• Amersfoort- performing well.</li> <li>• Morgenson - small landfill site not much of impact - <i>licensed</i>.</li> <li>• Davel - small landfill site not much of impact</li> <li>• Perdekop - small landfill site not much of impact</li> </ul>	<p>T. Pather to be notified of any other landfill sites in the area that forum members are aware of</p>

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<b>6.3</b>	<b><u>Tutuka Power Station</u></b>	
	5 Clean water dams are situated on the property of the power station and they would like to use the water from these dams - Assistance is required from DWA on how to proceed	B. Malatsi to provide assistance on process to follow <i>licences issue</i>
	There is a licensed landfill site at the power station	
	Studies for the ash dump extension is in progress	
	The Sewage plant was not performing well in the past but changes has been made and it is anticipated that the water qualities will improve – this will be closely monitored	Formal presentation will be given at the next meeting – 27 August 2013
<b>6.4</b>	<b><u>Camden Power Station</u></b>	
	<ul style="list-style-type: none"> <li>Not present</li> </ul>	Absent <i>with apology</i> <del>without apology</del>
<b>6.5</b>	<b><u>Majuba Power Station</u></b>	
	<ul style="list-style-type: none"> <li>Representative gave presentation</li> <li>Provided spreadsheet with water qualities to Calvinia Shomolekae (DWA) as farmer complained about water qualities.</li> </ul>	Calvinia Shomolekae to investigate any issues with the water qualities <i>need to follow up</i>
<b>6.5.1</b>	<b><u>Majuba Railway Line Project</u></b>	
	<ul style="list-style-type: none"> <li>Project involves construction of a railway line between Ermelo and Majuba Power Station</li> <li>An extensive presentation was given on the project progress</li> </ul>	Shereen to get contact details for Mark from the Mpumalanga wetland forum to ensure they are aware of this project
<b>6.6</b>	<b><u>New Denmark Colliery</u></b>	
	<ul style="list-style-type: none"> <li>Representative gave comprehensive presentation</li> </ul>	B Malatsi to provide the in stream water quality guidelines to be used to compare water quality results with
<b>6.7</b>	<b><u>Golfview &amp; Leliefontein</u></b>	
	<ul style="list-style-type: none"> <li>Nothing to report.</li> </ul>	Formal presentation will be given at the next meeting – 27 August 2013
<b>6.8</b>	<b><u>Msobo Coal (Spitzkop and Tselentis)</u></b>	
	<ul style="list-style-type: none"> <li>A comprehensive presentation was given</li> </ul>	It was requested that an update be provided on current situation at Tselentis at the next meeting – 27 August 2013
<b>6.9</b>	<b><u>Mashala Resources / Penumbra Coal Mining</u></b>	
	<ul style="list-style-type: none"> <li>Operation of the new Delta Co-disposal facility has commenced</li> </ul>	Note

No.	Discussion	Action/Follow up
6.10	<u>Mooiplaats Colliery</u> <ul style="list-style-type: none"> <li>• Representative gave presentation</li> </ul>	Note
6.11	<u>Umlabu Coal Mine</u> <ul style="list-style-type: none"> <li>• Representative gave presentation</li> </ul>	Note
6.12	<u>Vunene Coal Mine</u> <ul style="list-style-type: none"> <li>• Representative gave presentation</li> </ul>	Note
6.13	<u>Thutsi Colliery</u> <ul style="list-style-type: none"> <li>• Not present</li> </ul>	Absent without apology
6.14	<u>Imbabala Coal Mine</u> <ul style="list-style-type: none"> <li>• Not present</li> </ul>	B. Malatsi to get contact details for representative and request attendance at this meeting
6.15	<u>Govan Mbeki Municipality</u> <ul style="list-style-type: none"> <li>• Not present</li> </ul>	Absent without apology
6.16	<u>Gert Sibande Municipality</u> <ul style="list-style-type: none"> <li>• Not present</li> </ul>	Absent without apology
6.17	<u>Msukaligwa Municipality</u> <ul style="list-style-type: none"> <li>• Not present</li> </ul>	Absent without apology
6.18	<u>Pixley ka Seme Municipality</u> <ul style="list-style-type: none"> <li>• Not present</li> </ul>	Absent without apology
6.19	<u>Lekwa Municipality</u> <ul style="list-style-type: none"> <li>• Not present</li> </ul>	Absent without apology
6.20	<u>Mpumalanga Department of Economic Development, Environment and Tourism (MDEDET)</u> <ul style="list-style-type: none"> <li>• Representative present</li> </ul>	It was requested that feedback be given on monitoring that is conducted by MDEDET at the next meeting – 27 August 2013
6.21	<u>Department Of Mineral Resources</u> <ul style="list-style-type: none"> <li>• No representative</li> </ul>	Absent without apology

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6.22	<p><b><u>DWA HO</u></b></p> <ul style="list-style-type: none"> <li>A presentation was given on Acid Mine Drainage by Jurgo van Wyk</li> </ul>	Note																					
7.	<p><b><u>CMA</u></b></p> <ul style="list-style-type: none"> <li>Gauteng nominated to co-ordinate Vaal CMA</li> <li>9 Water Management Areas proposed in South Africa as per Government Gazette</li> <li>National Steering Committee will be meeting 31 May 2013 to discuss the whole project of water steering committees</li> <li>A meeting will be held 4 June 2013 to discuss the Vaal CMA</li> </ul>	M Matseba to provide feedback																					
8.1	<p><b><u>License applications</u></b></p> <table border="1" data-bbox="245 891 1078 1182"> <thead> <tr> <th>No</th> <th>Activity</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>New Demark Colliery (NDC)- Brine ponds</td> <td>License issued May 2013</td> </tr> <tr> <td>2</td> <td>Mooiplaats Colliery</td> <td>License issued May 2013</td> </tr> <tr> <td>3</td> <td>Umlabu Colliery</td> <td>Awaiting DWA specialist input</td> </tr> <tr> <td>4</td> <td>Vunene</td> <td>Final Stage</td> </tr> <tr> <td>5</td> <td>Msobo</td> <td>Awaiting further information from Msobo Coal</td> </tr> <tr> <td>6</td> <td>Imbabala</td> <td>Outstanding information</td> </tr> </tbody> </table>	No	Activity	Status	1	New Demark Colliery (NDC)- Brine ponds	License issued May 2013	2	Mooiplaats Colliery	License issued May 2013	3	Umlabu Colliery	Awaiting DWA specialist input	4	Vunene	Final Stage	5	Msobo	Awaiting further information from Msobo Coal	6	Imbabala	Outstanding information	B. Malatsi to provide feedback
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8.2	<p><b><u>Pollution incidents</u></b></p> <ul style="list-style-type: none"> <li>Ongoing WWTW spillage at Ermelo –pipes blocked and leaking into Brummerspruit</li> </ul>																						
	<ul style="list-style-type: none"> <li>Farmer complained about cattle dying – quarry and asphalt plant processing tar between Ermelo and Morgenson. B. Malatsi investigated and took samples – awaiting results</li> </ul>	B. Malatsi to provide feedback																					
8.3	<p><b><u>Water Water Treatment Works (WWTW) Task Team</u></b></p> <ul style="list-style-type: none"> <li>Next meeting will take place 12 June 2013</li> </ul>	B. Malatsi to provide feedback on progress of WWTW task team																					
8.4	<p><b><u>Waste discharge charge system presentation</u></b></p> <ul style="list-style-type: none"> <li>Presentation given on the Waste discharge charge system – presentation attached to minutes</li> <li>Forum members will be contacted in due course for more information</li> </ul>																						
8.5	<p><b><u>Rand Water Helicopter flight photos</u></b></p>	R Hariram to find out if photos																					

<b>No.</b>	<b>Discussion</b>	<b>Action/Follow up</b>
	<ul style="list-style-type: none"> <li>R Hariram showed a series of photos that were taken of the area during a helicopter flight – 7 May 2013</li> </ul>	can be distributed to the mines
9.	<p><b><u>Closure</u></b></p> <p>R Hariram thanked everyone for participating and adjourned the meeting.</p>	

**NEXT meeting: 27 August 2013**