

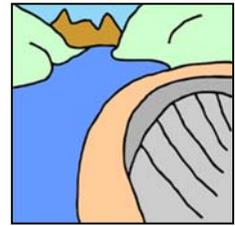
MINUTES

RIETSPRUIT FORUM

13 May 2014

Metsi –a- Lekoa Local Municipality

10:00 – 13:00



No	Item	Action
1	Welcome <ul style="list-style-type: none"> The chairperson welcomed everyone to the forum meeting. 	A Nevondo
2	Introduction <ul style="list-style-type: none"> All the attendees introduced themselves and an attendance register was circulated. It was requested that members should verify and update their contact details. See attendance register for attendees. 	
3	Apologies <ul style="list-style-type: none"> Eddy Tshabalala (EDM) Lizzy Ntabeni (PEO / Phaphamang) Manosi Kholoanyane (DWS) Tebogo Nkadimeng (GDARD) Erin Parenzee (Rand Water) Hlengiwe Kheswa (Emfuleni) Fransinah Tabane (Metsi-a-Lekoa) Tebogo Nkadimeng (GDARD) Wiseman Sibiyi (Rand Water) 	
4	Minutes of the previous meeting: corrections of the meeting that was held 11 February 2014. <ul style="list-style-type: none"> FSE commented that invitation and minutes from the previous meeting was only sent out one (1) working day before meeting which provides very little time for planning and commenting on the minutes. The submission of the minutes several months after the previous meeting also results in the loss of information as comments which were submitted during the meeting are forgotten over time. Furthermore, the minutes from the last meeting were erroneous and this can be problematic as minutes are considered as documentary evidence in a Court of Law. P2. 8.4. George changed to John. 	
5	Matters Arising from the previous minutes <ul style="list-style-type: none"> P1. 7.1. Phaphamang gave feedback on the project of cleaning the environment that was initiated in the previous meeting. Education of 50 school kids went well. Objectives were fulfilled as sewage and solid waste was decreased and removed and the grass was cut. 	
6	Additions to the Agenda	
6.1	<ul style="list-style-type: none"> There were no additions. 	
7	Items for Presentation	
7.1	Aqualytic presentation: <ul style="list-style-type: none"> A Marie Loots gave a presentation on Aqualytic. 	

7.2	<ul style="list-style-type: none"> • ATP Bioluminescence can be used to detect the amount of biotic content in water samples through reactions of adenosine triphosphate and luciferase. The amount of light emitted from the reaction is measured using electric equipment provided by Aqualytic. Equipment can be used on site and within a laboratory and requires less experience and time than conventional methods for testing organic content in a water sample. It should be used as a complimentary tool, early warning system, along with conventional methods as it cannot pinpoint the specific microbiological contamination itself. For more information email: info@aqualytic.co.za • Question FSE: what is the cost comparison between traditional methods and ATP Bioluminescence? • Answer A Marie Loots: complicated answer as it involves several factors. Costs that can be deducted however include decreased costs for training and equipment such as incubators and plates are not required. And less time will be spent on performing the test. • Question FSE: what skills are required to operate the apparatus? • Answer A Marie Loots: a microbiologist is not required to use the field equipment but technical training is required in its use. More training is required, and preferably a professional microbiologist should use the lab apparatus. Should be used along with other microbiological tests. <p>FSE presentation:</p> <ul style="list-style-type: none"> • M Liefferink: expressed that she feels aggrieved that a representative from Dept of Water Affairs left during her presentation as it was especially relevant for the Dept of Water Affairs. • Question Rand water: is it 2500 mg/ l sulphate or conductivity? • Answer FSE: Sulphate. • Comment Save the Vaal/VEJA: Non-governmental Organizations (NGOs) need to be taken seriously and this forum can be used as a vehicle in terms of implementing legislation. 	
8. 8.1	<p>Items for discussion Water Quality Report-DWA</p> <ul style="list-style-type: none"> • See handout entitled: compliance status report for Mines, Industries, Emfuleni and Johannesburg Local Municipalities. • Monitoring from March and some data missing due to budget constraints and termination of Dept of Water’s contract with laboratory. • Rietspruit had a number of compliance issues due to breakages with the clarifier. • Representative from Rietspruit: problems with the clarifier were two different issues, however the greater problem is that the plant can only optimally handle 7 ML but receive 47 ML and therefore another clarifier is required. • Question Oscar: not everyone is technical what does level 1, 2 and 3 mean? • Answer Dept of Water Affairs: Level 1 and Level 2 Rietspruit. Level 3: Canals from mines. • Question FSE: The non – compliance from municipalities is habitual. A recent round table discussion organized by the Water Research Commission (WRC) and the Wits Law School, titled “could constitutional changes improve municipal 	D Rambuda A Nevondo

water supplies?" Highlighted the fact that the constitution's statement that the national or a provincial government may not compromise or impede a municipality's ability to exercise its powers or perform its functions may create a climate of impunity in which local officials may fail to deliver at the expense of their citizens. How will the municipalities in this region improve? Should this non-compliance be reported to the acting Director General of Dept of Water Affairs, Mr. Trevor Blazer? It is unacceptable that budget constraints prevent the proper testing of water quality.

- Question Save the Vaal/VEJA: The same issues have existed for years. How will these issues be addressed?
- Answer Rietspruit Waste Water Treatment Works representative: cannot excuse the issues but the situation is slowly improving.
- Comment M de Fontaine: the problem with controlling the amount of sewage entering treatment works that only have a certain capacity is that residential development is occurring without proper consideration given to the capacity of the Waste Water Treatment Works. Even when comment is given the housing department that more development cannot occur they do not listen. How does this forum address the housing issue?
- Comment save the Vaal/VEJA: would like to know where all the money goes as last 20 years of budgets are outstanding.
- Answer Metsi-A-Lekoa: don't put things on the table of what we don't have the facts. Because of budget constraints, it is inferred that a second clarifier cannot be built overnight.
- Sebokeng is the current priority because it has taken over some water load. NGOs must live in the real world as the government is dealing with the legacy of the past (20 years into democracy). Housing continues with projects regardless of the water treatment capacity constraints.
- Reply to FSE by Dept of Water Affairs: Dept of Water Affairs did issue a directive but could not follow through with legal procedure due to technicalities. It is also a long process as Dept of Water Affairs must first support the treatment works and if that fails can only take the offending party to court. Dept of Water Affairs can only comment on housing and not do much.
- Question FSE: Dept of Water Affairs only does grab sampling therefore events that may occur at other times are not recorded, e.g. diurnal fluctuations release from the Mines during weekends or at night. Will Dept of Water Affairs consider doing continuous sampling and not only grab sampling.
- Answer Dept of Water Affairs: a representative from Dept of Water Affairs can only suggest the use of continuous sampling to their superiors; ultimately they must make the decision.
- Question F Van Wyk (Rand Water): if 10-16 mg/l is realized how can they meet the objective of 0.05 mg/l? Is based on the in-stream requirements.
- Question Goldfields: why do the mines have such different requirements?
- Answer Dept of Water Affairs: can have the WUL revised.
- Comment: the in- stream water quality objectives do not equal the permit limits however to achieve the in-in stream water quality objectives the permit should be the same if not less.

	<ul style="list-style-type: none"> • Question FSE: the in-stream water quality objective influences the WUL and accumulation of pollutants should be taken to account. Have the water quality objectives been determined for the Leeuspruit and Rietspruit? • Answer Dept of Water Affairs: only the interim in-stream water quality objectives from 2007 have been established. 	
8.2	<p><u>Water Quality report – Rand Water</u></p> <ul style="list-style-type: none"> • See Rand Water: Quarterly Water Quality Status of the Rietspruit Catchment. • See: changes to the reporting procedures. • Rand water will no longer represent the results of the Rietspruit Catchment under the Rand Water logo but under the logo of Dept of Water Affairs. • Question GDARD: why the change? Do the representatives at the forum have any say? Are you simply telling us or asking us? • Reply M de Fontaine: legally Dept of Water Affairs has to present these results as they are the responsible body, therefore we are telling you. • Reply from Dept of Water Affairs solid waste management: Rand Water cannot report to the public only Dept of Water Affairs can. • City of Johannesburg: Rand Water provides valuable explanations regarding the results and presents the information well. • Reply Rand Water: Rand Water will still inform Dept of Water Affairs on what the data means. Rand Water does testing because they need to know what the quality of the raw water is that they receive. • Question FSE: what is the source of the Manganese in the results? • Reply M De Fontaine: most likely due to the mining in the area however it is not the mandate of Rand Water to pinpoint the source, the mines in the area should defend themselves as to being the source or not. • Save the Vaal/VEJA: will the Dept of Water Affairs pinpoint the sources of pollution when they present the results in future? The comments process is tedious and difficult as well as expensive for NGOs that receive limited funding. • Comment J Morobane: cannot discuss the results of the manganese equitably as Kloof Gold Mine is not here to present them and therefore needs them to attend in future to resolve these issues. • City of Johannesburg: what should other water quality testers, such as herself, now present at the forum? • Rand Water: it is the responsibility of Dept of Water Affairs to present the water quality results from any consultants that have been appointed. 	M de Fontaine
8.3	<p><u>Water Quality report – City of Johannesburg</u></p> <ul style="list-style-type: none"> • See City of Jo’burg: Quarterly Water Quality status of the Rietspruit Catchment: • Comment Oscar: spillages in region D. • Reply City of Johannesburg: will give you contact details. • Question FSE: is the water used for irrigation, recreation, spiritual rituals, or any other activities besides consumption? Have the communities been informed of the dangers involved with using the water? • Reply City of Johannesburg: education is happening but warning signs have been stolen. • Comment FSE: expressed difficulty in reaching Mr. Keet to report problems. • Reply Dept of Water Affairs: Mr. Keet is in charge of Acid Mine Drainage and Dept of Water Affairs will provide FSE with the contact details of the person 	D Tingsitsi

<p>8.4</p>	<p>responsible for the above issues.</p> <p>Water Quality report – Emfuleni Local Municipality</p> <p>Sebokeng Water Treatment Works:</p> <ul style="list-style-type: none"> • See Sebokeng Water Treatment Works Handout • Water from treatment works dilutes the E – Coli and faecal coliforms counts in the stream. • Sebokeng Water Treatment Works is operating at 54% over capacity but modules 6&7 are being built. • The large quantity of rain received compromised the treatment. • Chlorine not adequate due to capacity problems and rainfall, but close to optimal. • Problem experienced with getting chlorine. <p>Rietspruit Water Treatment Works:</p> <ul style="list-style-type: none"> • Chlorine doses not always perfect hence causing noncompliance in terms of microbiological agents. • Theft is also a problem. • Question FSE: what does Sebokeng Water Treatment Works dilute the stream with? • Reply Sebokeng Water Treatment Works: the river is already polluted therefore the water released by Sebokeng dilutes the water, though there are a few exceptions. • Question FSE: if Sebokeng Water Treatment Works alleges that its operations are compromised because of increased rainfall, would the rain water not rather dilute the pollutants in the water? • Reply Waste Water Treatment Works: Yes, but it makes chlorine dosing problematic. • Question FSE: what is the rationale to expand the plant at a cost of millions of Rand if the Sebokeng Water Works cannot even afford the cost of chlorine? • Reply Sebokeng Waste Water Treatment Works: it is a long process to get chlorine. • Comment FSE: that is the problem that should be addressed. • VEJA: the same problem still exists even though Rand Water has taken over supplying the chlorine. The contract should be made available so that stakeholders can see who should be held accountable for failure. 	
<p>8.5</p>	<p>Water Quality report- Ezulwini Mining</p> <ul style="list-style-type: none"> • See Ezulwini Mining Company Pty Ltd: Quarterly (Jan to March 2014) Water Quality status: Kleinwiesrietspruit at KWR 1 compliance point. • Uranium (U) is not required to be tested in the permit. However monitoring of U is conducted and is based on the regulatory limit of 70 ppb. U sometimes exceeds that limit but measures are being implemented to prevent this. • Question FSE: the regulation is usually 0.015 mg/l for drinking and irrigation. Are there downstream water users that may be impacted by the U? • Reply Ezulwini: there are cattle that drink the water but not aware of any other use. • Comment FSE: Prudent to inform the farmer. • Reply Ezulwini: they will do so. • Question FSE: why is the monitoring of U not included in the terms and 	

	<p>conditions of the WUL?</p> <ul style="list-style-type: none"> • Reply Ezulwini: the permit is old and sufficient information relating to U was not available at the time. 	
8.6	<p>Water Quality report – Johannesburg Water</p> <ul style="list-style-type: none"> • Absent without apology. 	
8.7	<p>Water Quality report – South Deep Mine</p> <ul style="list-style-type: none"> • See presentation by J Morobane from South Deep. • Reported good performance from sewage works. • Question FSE: as the WUL only allows for the release of water from their waste water treatment works how do you account for the high sulphate levels in the Leeuspruit? • Reply South Deep: South Deep is aware of this. It is because of the unlined Dam and the Leeuswspruit that flows past the dam. • Question FSE: heartened that South Deep is doing sediment sampling. If polluted will they consider remediation? Reference is made to Mr. Piet Rheeder’s Dam and Wetlands and Garfield Krige’s report. (appended) • Reply South Deep: the decision must still be made and other mines must also be consulted. • Question FSE: can interested and affected parties be involved in the remediation process if it is required. • Reply South Deep: yes. • The forum requested stakeholders to give feedback in a written format or give a presentation. 	All
9	<p>Solid Waste Management</p> <ul style="list-style-type: none"> • New landfill site coming up at Emfuleni the project is still ongoing. Feedback will be given in the next meeting. 	T Pather
10	<p>Local Authorities Report Back (5-minutes)</p>	
10.1	<p>Emfuleni</p> <ul style="list-style-type: none"> • Addressed under 8.4. 	
11	<p>Organizations Report Back (5-minutes)</p>	
11.1	<p>Arcelormittal</p> <ul style="list-style-type: none"> • J Daffue reported that they continue to experience sporadic effluent from time to time due to water imbalances at Vanderbijlpark Works. They have managed to restore zero effluent discharge on the 26 April 2014 and are currently maintaining no discharge status. A detailed report will follow within 14 days. They are currently investigating short and long term measures to resolve the issue. • Their process water dam started to overflow again into the storm water dam after it was stopped on 17 March 2014. During the afternoon of 18 March 2014 it started to overflow again due to process related upset conditions. 	D. van Rensberg
11.2	<p>Cape Gate</p> <ul style="list-style-type: none"> • Dept of Water Affairs requested for additional information regarding their WULA and it was submitted during November 2013. 	
11.3	<p>City of Johannesburg</p> <ul style="list-style-type: none"> • Nothing to report. 	

<p>11.4</p> <p>11.5</p> <p>11.6</p> <p>11.7</p> <p>11.8</p> <p>11.9</p> <p>11.10</p>	<p>Compliance and Enforcement</p> <ul style="list-style-type: none"> No representative <p>Ezulwini Mining</p> <ul style="list-style-type: none"> There were no spillages the past three months. <p>Gauteng Department of Agriculture and Rural Development (GDARD)</p> <ul style="list-style-type: none"> V Ndlovu – in terms of holding Wetland Indaba they are having financial challenges, the venue is expensive, and in order to make this event a success he will request stakeholders to contribute financially. <p>Jo burg Water</p> <ul style="list-style-type: none"> Absent without apology. <p>Phaphamang Environmental Club</p> <ul style="list-style-type: none"> No representative <p>South Deep Mine</p> <ul style="list-style-type: none"> Nothing to report. <p>Vitro Clay Product</p> <ul style="list-style-type: none"> Representative gave an apology. <p>FSE</p> <ul style="list-style-type: none"> Nothing to report. 	
<p>12.</p> <p>12.1</p>	<p>NGO's / Other Report Back (5-minutes)</p> <p>Gauteng Wetland Forum</p> <ul style="list-style-type: none"> V Ndlovu mentioned that currently they are struggling to get a venue for National Wetland Indaba meeting. A letter will be sends to stakeholders requesting contributions. 	
<p>12.2</p>	<p>WESSA</p> <ul style="list-style-type: none"> No representative 	
<p>13</p>	<p>Pollution Incidents</p> <ul style="list-style-type: none"> Addressed as per agenda. 	
<p>14</p>	<p>Water Use License Status</p> <ul style="list-style-type: none"> D Rambuda will provide Water use license status on a table format in the next meeting. Ezulwini Mine – WULA is still in process. South Deep – WULA is still in process. 	<p>D Rambuda</p>
<p>15</p>	<p>CMA Process</p> <ul style="list-style-type: none"> Vaal River CMA business case draft will be presented in the next meeting. 	<p>D Rambuda</p>
<p>16</p> <p>16.1</p>	<p>Additions to the agenda</p> <p>Phaphamang program and other issues related to the Environment</p>	

	<ul style="list-style-type: none"> Addressed under 7.1 	
17	Date of the next meeting <ul style="list-style-type: none"> 12 August 2014 – TBA 	
18	Closure <ul style="list-style-type: none"> Chairperson thanked all for attending the meeting and adjourned the meeting. 	

RIETSPRUIT FORUM 13 MAY 2014, METSI-A-LEKOA, VANDERBIJLPARK

Name	Surname	Organisation	Cell	Email	Sign
MAKCC	DE FONTAINE	KIAND WATER	0823892454	VIAMCCDEF@KIANDWATER.CO.ZA	
<i>Adv Shoni</i>	<i>Mevondo</i>	<i>Metsi a Lekoa</i>	<i>076 904 7049</i>	<i>shoni.n@empuleni.gov.za</i>	<i>Mevondo</i>
<i>J. Daffue</i>	<i>Daffue</i>	<i>AMSA</i>	<i>071 889 8674</i>	<i>Johm.Daffue@anabormittal.com</i>	<i>J. Daffue</i>
<i>M. Lieffink</i>	<i>Lieffink</i>	<i>FEDERATION FOR A SUSTAINABLE</i>	<i>043 231483</i>	<i>mariette@pea.org.za</i>	<i>M. Lieffink</i>
<i>Samson</i>	<i>Mohalema</i>	<i>UEJA</i>	<i>084 291 8570</i>	<i>Samson.Mohalema@jemsil.com</i>	<i>Samson</i>
<i>Trevor</i>	<i>Khosa</i>	<i>DWA</i>	<i>012 392 1379</i>	<i>khosare@dwagov.za</i>	<i>Trevor</i>
<i>Datao</i>	<i>Ramsuda</i>	<i>DWA</i>	<i>012 392 1452</i>	<i>ramsudad@dwagov.za</i>	<i>Datao</i>
<i>William</i>	<i>Letsatsi</i>	<i>Metsi a Lekoa</i>	<i>078 524 3425</i>	<i>williaml@empuleni.gov.za</i>	<i>William</i>
<i>Janett</i>	<i>Penuloane-Malay</i>	<i>SIDM</i>	<i>0829049266</i>	<i>janells@scottberg.gov.za</i>	<i>Janett</i>
<i>PHKO</i>	<i>Mofoketso</i>	<i>PHAPHAMANG Environmental Organisation</i>	<i>083342883</i>	<i>phaphamang.org@hotmail.co.za</i>	<i>PHKO</i>
<i>PATRICK</i>	<i>MAKHASO</i>	<i>DWA</i>	<i>0828049212</i>	<i>makhadop@dwagov.za</i>	<i>Patrick</i>

APOLOGIES

Name	Surname	Organisation	Name	Surname	Organisation
<i>Eddy</i>	<i>Tshabalala</i>	<i>DEA / SIDM</i>			
<i>Lizzy</i>	<i>OTABERSI</i>	<i>PEO / phaphamang</i>			
<i>MANOSI</i>	<i>KHOLLOANYANE</i>	<i>DWA</i>			
<i>Jhanna</i>	<i>Marchane</i>	<i>Gold fields</i>			

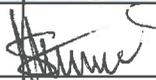
RIETSPRUIT FORUM 13 MAY 2014, METSI-A-LEKOA, VANDERBIJLPARK

Name	Surname	Organisation	Cell	Email	Sign
Johanna	Morobane	Gold Fields. South DEEP	082 302 8719	Johanna.Morobane@goldfields.co.za	
Raelien	keet	AQUALYTIC CC	0126644333	raelien@aqualytic.co.za	
Annemarie	^{keets} AQUALYTIC →	CC	11.	info@aqualytic.co.za	
ZANELE	MAPHUMULO	DWA	082 650 1205	MAPHUMULOZ@DWA.GOV.ZA	
DUMISANI	TINGHITSI	COJ-EISD	076 4 222810	DUMISANITI@JOBURG.ORG.ZA	
VUKOSI	NLOPTU	GDARD	071 440 5703	vukosi.nloptu@gauteng.gov.za	
George	Dewing	ELM-Metsi-Sebowa	0845807039	george.d@emfuleni.gov.za	
Mahduzi	Ishabalala	BBTEG/VEJRA	074 5307 427	mdu.bbteg@yahoo.com	
SIMONE	LIETTERINK	FSE	076 2098493	siabdlief@uphoo.com	
Percia	Mokwena.	Metsi - A - lekoa.	083 201 4640	Perciam@emfuleni.gov.za	
Thandi	LEDING	Metsi - a - lekoa	0826548013	thandi@emfuleni.gov.za	

APOLOGIES

Name	Surname	Organisation	Name	Surname	Organisation
Tobogo	Nkomo	GDARD			
Eric	PARANZO	Rand Water.			
Hlungwe	Cheswa	Emfuleni			
P. Francinah. Percia	^{TABANG} Mokwena	Metsi - A - lekoa	^{Beiney Sekano} 083 201 4640	Sekano.	Metsi - A - lekoa.

RIETSPRUIT FORUM 13 MAY 2014, METSI-A-LEKOA, VANDERBIJLPARK

Name	Surname	Organisation	Cell	Email	Sign
MOSWETSX	MOLOTSI	SEBENGA DM	078 658 5307	moswetsam@sedibeng.gov.za	
Keiba	Hoffmann	Emfuleni LM	079 318 6578	keibalt@emfuleni.gov.za	
Zelna	Franken	Rand Water	082 389 2453	Zfranken@randwater.co.za	
Biswark	Mashau	QJARS	083 596 9821	Mpparolewi.Mashau@qantony.gov.za	
SHIMMY	LETSATSI	BBTEG	071 36 77696	kaizer.letsatsi@gmail.com	
Theo	MONCHUSI	EMFULENI	082-321 4374	TheoM@emfuleni.gov.za	
Dawn	Maluleke	Rand Water	082 6336288	dmalulek@randwater.co.za	
Francis	Van Wyk	Rand Water	082 389 2605	frwyk@randwater.co.za	
Katleho	Thubela	EMFULENI	082 877 9844	katlehot@emfuleni.gov.za	
Tsholo	Phajane	Rand Water	011-682 0481	tphajane@randwater.co.za	
Charlene	MeEwen	Emfuleni EMP	0760205501	generance.w@emobilemail.vodafone.co.za	

APOLOGIES

Name	Surname	Organisation	Name	Surname	Organisation
Tobogo	Nkadimeng	QJARS			
Wiseman	Sibiya	Rand Water			

RIETSPRUIT FORUM 13 MAY 2014, METSI-A-LEKOA, VANDERBIJLPARK

Name	Surname	Organisation	Cell	Email	Sign
John	De Beer	Metsi	0824130752	john.dbe@infuse-gpu-za	
Pulane	Phakoe	Emfuleni Local Municipality	060 376 2495	PPhakoe.pp@gmail	
OSCAR	SEBALO	ELM	071 309 0719	sebalob@emfuleni.gov.za	
ELISA	SERIFA	Emfuleni Local Municipality	0783165574	ntabosengserifa@gmail	
MPUMI	SITHOLE	ELM	0784280574	MK.SITHOLE@gmail.com	
ROBERT	GILMOUR	Emfuleni MSC	0825574393	robert.gilmour@gold1.co.za	
JAKHE	Mgushwa	Metsi	0826131047	Jeyakhem@emfuleni.gov.za	
LILLIE	VILJOEN	Cape Gate	0836548830	VILJOENIN@CAPEGATE.CO.ZA	
TAYA	PATAEL	DWA	012 397 1380	patael@dwa.gov.za	

APOLOGIES

Name	Surname	Organisation	Name	Surname	Organisation