

Lerato Khotso

From: Lerato Khotso
Sent: 14 April 2016 07:48 AM
To: Melanie.Naidoo@harmony.co.za
Cc: Xolola Msweli; Joy Alec
Subject: Water sample results: Delpoits Rust Farm 30RD
Attachments: 20160414075940576.pdf

Good Morning Melanie

Please find the attached documents for your attention.

Regards,

Lerato Khotso

LED & Planning
Matjhabeng Local Municipality
1 Reinet Street
Welkom
9460

Email : lerato.khotso@matjhabeng.co.za
Tel: 057 916 4186
Fax: 086 536 0659

MATJHABENG

Municipality
Umasipala
P.O. Box 704
Welkom, 9460
South Africa



Munisepala
Munisipaliteit
Tel : (057) 321 4074
Fax: (057) 357 4303
E-Mail: info@matjhabeng.co.za

OFFICE OF THE MUNICIPAL MANAGER

Enquiries / Navrae / Dipatlisiso: Xolela Msweli
Room no / Kamer nr / Kamore ya: 405
Date / Datum / Yatsatsi: 08 April 2016

CEO: Harmony Gold Mining Company Limited
Randfontein
South Africa

Attention: Melanie Naidoo-Vermagie

RE: WATER SAMPLE RESULTS - MUNICIPAL FARM (DELPORTS RUST RD)

Your letter dated 06 October 2014 bears reference.

1. Following the receipt of your letter regarding the water tests done from the farm mentioned above, we were obliged to validate the results given to us.
2. It has come to our attention that water samples were taken by the company you appointed and tests carried out (without our knowledge). Subsequent to that the water delivery to the above mentioned farm was stopped on 22 May 2015 because of the water test results which reported that the above mentioned farm's water is safe for both human and livestock consumption.
3. Prior to the receipt of the letter from your good selves, your company has been supplying water to this farm since 2006 owing to the fact that water in this farm was contaminated due to mining operations that were conducted in the proximity of this farm.
4. Subsequent to the termination of water supply, as the municipality we were obliged to supply water to the tenants on this farm.
5. The Matjhabeng Local Municipality requested the Sedibeng Water to conduct water testing in the same farm and the results showed that the underground water is not suitable and safe for both human and livestock consumption. Please find attached water results for tests which were carried out by the Sedibeng Water on the 09 December 2015. It is against this background that we request you to continue in supplying the farm with water as required for both humans and livestock with immediate effect. The Municipality further requests that it be reimbursed with all costs incurred for supplying water to the farm since 22 May 2015 to date.

I trust you find the above in order.

Yours faithfully

ADV. MOFUSI LEPHEANA
MUNICIPAL MANAGER
WATER SAMPLE RESULTS - MUNICIPAL FARM (DELPORTS RUST RD)

MATJHABENG

Municipality
UmasigwalaMmasoputa
Munisipaliteit

ENGINEERING SERVICES

To : EXECUTIVE DIRECTOR LED & SPATIAL PLANNING
 FROM: EXECUTIVE DIRECTOR INFRASTRUCTURE
 DATE: 4/2/2016
 REF : Ref: 19/7/3/4

TESTING DELPORTERUS FARM 30 RD

The above matter refers:

The Executive Director LED & Planning requested the Laboratory to do analysis on the 8 boreholes on the Delporterus Farm 30 RD. The Matjhabeng Laboratory is not equipped to do analysis on all the mentioned determinants required for boreholes. The water was sent to Sedibeng Water Technical Services for analysis and a standard group of determinants were analyzed. Only 4 borehole out of the 8 mentioned could be analyzed. Please take note that the evaluations for compliance is only for the current samples as underground water can change subject to environmental conditions.

South African Water Quality Guidelines for Domestic and Agriculture use Documents were sent to your Department. In these Documents you will find the acceptable levels for each determinant and the effect on high values when water is used for Domestic and Agriculture use. SANS241:2015 for drinking water was also used.

Please take note that the evaluations for compliance is only for the current samples as underground water can change subject to environmental conditions

Summary of Compliance for Domestic use according to the levels in the South African Water Quality Guidelines:

Only some of the Determinates did comply with Domestic use. Please use the guidelines to determine the effects of high values for Domestic use.

Determinant	Delporterus 1	Delporterus 2	Delporterus 3	Delporterus 4
Chloride	Do not comply	Do not comply	Do not comply	Do not comply
Conductivity	Do not comply	Do not comply	Do comply	Do comply
T. Coli	Do not comply	Do not comply	Do not comply	Do not comply
Fluoride (Health)	Do comply	Do not comply	Do comply	Do comply
Heterotopic Plate count	Do not comply	Do comply	Do not comply	Do not comply
Nitrate (Health)	Do comply	Do not comply	Do comply	Do comply

117

pH	Do comply	Do comply	Do comply	Do comply
Sulphate (Health)	Do not comply	Do Comply	Do Comply	Do Comply
Total Coliform Bacteria	Do not comply	Do not comply	Do not comply	Do not comply
Total Dissolved Solids	Do not comply	Done only with high Conductivity	Done only with high Conductivity	Do not comply
Turbidity	Do not comply	Do not comply	Do not comply	Do not comply

Summary of Compliance for Agricultural use according to the levels in the South African Water Quality Guidelines:

Only some of the Determinates did comply with Agricultural use. Please use the guidelines to determine the effects of high values for Agricultural use

Determinant	Delportrus 1	Delportrus 2	Delportrus 3	Delportrus 4
Chloride	Do not comply	Do not comply	Do not comply	Do not comply
Conductivity	Do not comply	Do not comply	Do comply	Do comply
E. Coli	Do comply	Do comply	Do not comply	Do comply
Fluoride (Health)	Do comply	Do comply	Do comply	Do comply
Heterotopic Plate count	NA	NA	NA	NA
Nitrate (Health)	Do not comply	Do not comply	Do comply	Do comply
pH	Do comply	Do comply	Do comply	Do comply
Sulphate (Health)	NA	NA	NA	NA
Total Coliform Bacteria	NA	NA	NA	NA
Total Dissolved Solids	Do not comply	Done only with high Conductivity	Done only with high Conductivity	Do not comply
Turbidity	NA	NA	NA	NA

Summary of Compliance for SANS241: 2011 for Drinking water:

Bore holes did not comply with SANS241: for Drinking water

Determinant	Delportrus 1	Delportrus 2	Delportrus 3	Delportrus 4
Chloride	Do not comply	Do comply	Do comply	Do comply
Conductivity	Do not comply	Do not comply	Do comply	Do comply
E. Coli	Do not comply	Do not comply	Do not comply	Do not comply
Fluoride (Health)	Do comply	Do comply	Do comply	Do comply
Heterotopic Plate count	Do not comply	Do not comply	Do not comply	Do not comply
Nitrate (Health)	Do not comply	Do not comply	Do comply	Do comply
pH	Do comply	Do comply	Do comply	Do comply
Sulphate (Health)	Do not comply	Do comply	Do comply	Do comply
Total Coliform Bacteria	Do not comply	Do not comply	Do not comply	Do not comply
Total Dissolved Solids	Do not comply	Done only with high Conductivity	Done only with high Conductivity	Do not comply
Turbidity	Do not comply	Do not comply	Do not comply	Do not comply

I hope you find the above in order.



MR. T. L. L. L. L.
EXECUTIVE DIRECTOR INFRASTRUCTURE

10:34

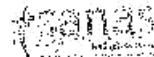
Page 1 of 2

Note:

Confidentiality note: The information contained in this report is privileged and confidential and intended only for the use of the person or entity to which it is addressed. If the reader of this message is not the intended recipient, you are hereby notified that any relation, dissemination, distribution, copying or the taking of action in reliance on the information on this facsimile is strictly prohibited.

WIRJADJINGANA
CHEMISTRY
(TECHNICAL SIGNATORY)

[Signature]
G SEALER
MICROBIOLOGY
(TECHNICAL SIGNATORY)



10134

Final Test Report: 1037

Page 2 of 2

Sample Description			DR 01	DR 02	DR 03	DR 04
Sample No			12271	12272	12273	12274
Chemistry	Units	Method no.				
		#1				
pH at 25°C	pH units	AL 01	7.7	7.7	7.0	7.9
Turbidity	NTU	AL 02	87	1.9	8.0	6.9
Electrical conductivity at 25°C	µS/cm	AL 03	705	189.8	135.0	248
Fluoride	mg/l F	IL 10	<0.5	1.0	6.6	1.6
Chloride	mg/l Cl	IL 07	1276	27.3	147	189
Nitrate	mg/l N	IL 08	1.5	67	2.9	6.5
Sulphate	mg/l SO ₄	IL 09	1378	173	117	211
Total Dissolved Solids	mg/l TDS	AL 09	4940	-	-	1300
Microbiology						
Heterotrophic Plate Count	CFU/ml	ML 01	>5700	182	>5700	>5700
Total Coliforms	colony/100ml	ML 04	815	>2420	>2420	>2420
E.coli	count/100ml	ML 04	117	230	1553	2

Note:

Results marked *Not SANAS Accredited in this report are not included in the SANAS Schedule of Accreditation for this laboratory.

#1 Measurement of uncertainty for all accredited methods is available on request

M. MALUNGU
CHEMISTRY
(TECHNICAL SIGNATORY)

[Signature]
O. SEALE
MICROBIOLOGY
(TECHNICAL SIGNATORY)

MATJHABENG

Municipality
Umasipala

Address: 101-103
101-103
101-103
101-103



Mmassepala
Munisipaliteit

Phone: 057 8961829
Fax: 0365763400
E-Mail: charlene.smith@matjhabeng

CERTIFICATE OF ANALYSIS

Institution: Matjhabeng Local Municipality
Matjhabeng Laboratory
Infrastructure
P.O. Box 708

Phone: 057 8961829
Fax: 0365763400

Contact: C Smith
E-Mail: charlene.smith@matjhabeng

Analysis in mg/l (unless specified otherwise)	Method	Delporserus1 2015/12/09 9 759	Delporserus2 2015/12/09 9 751	Delporserus3 2015/12/09 9 752	Delporserus4 2015/12/09 9 753	SARF 2015/2015
Chloride as Cl ⁻	IL07	1778	271	147	147	< 300
Conductivity at 25° C	AL03	785.0	109.8	135.6	135.6	< 176
E.coli	ML04	197	236	1559	2	< 0
Fluoride as F ⁻ (Health)	IL10	<0.50	1	0.50	0.50	<1.5
Heterotrophic Plate Count	ML01	>5700	182	>5750	>5750	<1000
Nitrate (Health)	IL08	2	17	3	3	<11
pH at 25° C	AL01	7.70	7.70	7.90	7.90	5.5-9.7
Sulfate as SO ₄ (Health)	IL09	3178	179	113	113	<500
Total Coliform bacteria	ML04	>10	>2420	>2420	>2420	<10
Total Dissolved Solids (Aesthetic)	AL05	4945			1360	<1200
Turbidity	AL02	67.0	1.9	8.0	8.0	<1

Technical Signature

Page 1 of 1

Date

MATJHABENG

Municipality
Umasipala

City of Matjhabeng Local Municipality
P.O. Box 708
Matjhabeng
0810



Matjhabeng
Munisipaliteit

Phone: 057 3961829
Fax: 0865 763400
E-Mail: charlene.smith@matjhabeng

CERTIFICATE OF ANALYSIS

Institution: Matjhabeng Local Municipality
Matjhabeng Laboratory
Infrastructure
P.O. Box 708

Phone: 057 3961829
Fax: 0865 763400

Contact: C. Smith
E-Mail: charlene.smith@matjhabeng

Analysis in mg/l (unless specified otherwise)	Method	Delportsmus1 2015/12/09 9 750	Delportsmus2 2015/12/09 9 751	Delportsmus3 2015/12/09 9 752	Delportsmus4 2015/12/09 9 753	MOQ - Agricultural use
Chloride as Cl ⁻	IL 07	1778	274	147	147	<200
Conductivity at 25°C	AL 03	285.0	199.8	135.9	135.6	<170
E.coli	ML 01	117	236	1553	2	< 1000
Fluoride as F ⁻ (health)	IL 10	<0.50	1	0.50	0.50	< 15
Heterotrophic Plate Count	ML 01	>5700	182	>5750	>5750	N/A
Nitrate (Health)	IL 08	2	17	3	3	< 5.0
pH at 25°C	AL 01	7.70	7.70	7.90	7.90	6.5 - 8.4
Sulfate as SO ₄ (health)	IL 09	1178	173	113	113	
Total Coliform bacteria	ML 04	816	>2420	>2420	>2420	N/A
Total Dissolved Solids (Aesthetic)	AL 02	4946			1360	< 500
Turbidity	AL 02	67.0	1.9	8.0	8.0	N/A

Technical Signature

Date

MATJHABENG

Municipality
Mmasipala

Laboratory Sedibeng District
P.O. Box 508
Geyserville
01500



Mmasepala
Munisipaliteit

Phone: 057 3961829
Fax: 0805763400
charlene.smith@matjhabeng.co.za

CERTIFICATE OF ANALYSIS

Institution: Matjhabeng Local Municipality
Matjhabeng Laboratory
Infrastructure
P.O. Box 708

Phone: 057 3961829 Contact: C Smith
Fax: 0805763400 E-Mail: charlene.smith@matjhabeng

Analysis in mg/l (unless specified otherwise)	Method	Detportrus1 2015/12/09 9730	Detportrus2 2015/12/09 9751	Detportrus3 2015/12/09 9752	Detportrus4 2015/12/09 9753	WQS - Domestic use
Chloride as Cl ⁻	IL 07	1778	274	147	147	< 100
Conductivity at 25° C	ML 03	785,0	194,8	135,6	135,6	< 150
E.coli	ML 04	117	236	1553	?	< 0
Fluoride as F ⁻ (Health)	IL 10	<0.50	1	0.50	0.50	< 1.0
Heterotrophic Plate Count	ML 03	>8700	167	>8750	>8750	< 1000
Nitrate (Health)	IL 08	2	17	3	3	< 5.0
pH at 25° C	AL 01	7.70	7.70	7.90	7.90	5.0 - 9.0
Sulfate as SO ₄ (Health)	IL 09	1178	175	113	113	< 200
Total Coliform bacteria	ML 04	816	>2420	>2420	>2420	< 100
Total Dissolved Solids (Aesthetic)	AL 05	4946			1360	> 450
Turbidity	AL 02	67.0	1.9	8.0	8.0	< 5.0

Technical Signature

Page 1 of 1
2015/01/14

Date

MATJHABENG



LOCAL ECONOMIC DEVELOPMENT AND PLANNING

ATTENDANCE REGISTER, MEETING BETWEEN LED, FARMERS AND
HARMONY GOLD MINE- 08/07/2015 AT LED BOARDROOM AT 9H00

Name and Surname	Designation	Contact details	Signature
LEBATO KHOTSO	ACT. FORIC & MINING COORDINATOR	072 466 4460	
GERARDUS SWAR	owner / Farmer	087 354 2613	
J. P. J. J. J. J.	owner	082 907 5126	
S. Ntlopo	Dept. Rural Development & Land Reform	082 827 0684	
Felekelele Moko	Place Boss	072 466 4500	
Boitumelo Motale	DMS Free State	083 6233 644	
J. K. Roper	owner / resident	071 8302 366	
M. J. KETZAL	Community Liaison	082 893 340	
P. M. Moko	" "	082 066 6378	
LEBOHANG SHABE	GRP MANAGER: HARMONY	073 900 9011	
T. M. L. L. L.	AGRICULTURAL	082 549 1118	

MATJHABENG



SOCIAL ECONOMIC DEVELOPMENT AND PLANNING

ATTENDANCE REGISTER, MEETING BETWEEN LED, FARMERS AND
HARMONY GOLD MINE- 08/07/2015 AT LED BOARDROOM AT 9H00

[illegible]

MATJHABENG

Municipality
Umasipala

P O Box 708
Welkom, 9460
South Africa



Mmasipala
Munisipaliteit

Tel : (057) 391 4074
Fax : (057) 357 4393
E-Mail: miepheana@matjhabeng.co.za

OFFICE OF THE MUNICIPAL MANAGER

Enquiries / Navrao / Dipatliso:
Room no / Kamer nr / Kamore ya:
Date / Datum / Letsatsi:

Xolela Msweli
405
26 May 2015

Attention: Melanie Naidoo – Vermaak
CEO: Harmony Gold

RE: WATER SUPPLY - MUNICIPAL FARM (DELPOR'S RUST 30 RD)

The above matter refers.


Harmony Gold Mine has been supplying small scale farmers who are utilizing a municipal farm (Delpor's Rust 30 RD) with water since the purchasing of the farm in 2006. The farm was purchased by the Department of Rural Development and Land Reform for communal purposes and there was an agreement already in place with the previous owner that water be supplied because the underground water was contaminated due to mining operations.

It has come to our attention that water samples were collected (without our knowledge) and tests carried out. Harmony Gold **stopped supplying water at the farm on 22 May 2015** because it is reported that the water is safe for human and animal consumption. We are now faced with a predicament that approximately 1500 cattle are left without water.

We hereby request that Harmony Gold continues supplying water until the samples are collected, tested and validated by an independent and neutral body.

I trust you find the above in order.

Yours faithfully


ADV. MTHUSI LEPEHANA
MUNICIPAL MANAGER

MATJHABENG

Municipality
Umasipala
P O Box 708
Welkom, 9460
South Africa



Mmassepala
Munisipaliteit
Tel : (057) 916 4073
Fax : 080 536 0659

Directorate Local Economic Development & Planning

Reference: 18/1/7

To : Executive Director Infrastructure
From : Executive Director LED & Planning
Date : 26 May 2015

RE: REQUEST FOR WATER TESTING DELPORTS RUST FARM 30 RD

The above matter refers.

Harmony Gold Mine has been supplying small scale farmers who are utilizing a municipal farm (Delports Rust 30 RD) with water since the purchasing of the farm in 2006. The farm was purchased by the Department of Rural Development and Land Reform for communal purposes and there was an agreement already in place with the previous owner that water be supplied because the underground water was contaminated due to mining operations.

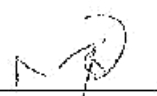
It has come to our attention that water samples were collected (without our knowledge) and tests carried out; (please find the attached results). Harmony Gold stopped supplying water at the farm on 22 May 2015. We are faced with a predicament that more approximately 1500 cattle are left without water. We hereby request your assistance in the following:

1. Interpreting the report supplied by Harmony Gold regarding the condition of water at the farm.
2. Temporary supply of 70 000 litres of water to the farm (reservoirs) whilst the matter is being resolved.
3. Facilitation of water testing on 8 boreholes by your Department alternatively Sedibeng Water.

This matter is putting the municipality in a very vulnerable position, as such; your speedy response on this matter will highly be appreciated.

I trust you find the above in order.

Regards,


X.W. Msweli

Executive Director: LED & Planning

MATJHABENG



Municipality
Umasipala
P O Box 708
Welkom, 9480
South Africa

Mmasepala
Munisipaliteit
Tel: (057) 916 4073
Fax: 086 536 0859

Directorate Local Economic Development & Planning

Reference: 18/17

To : Executive Director Corporate Services

From : Executive Director LED & Planning

Date : 13 October 2014

**RE: REQUEST FOR URGENT INTERVENTION WITH REGARD TO HARMONY GOLD MINE'S
INTENTIONS TO CEASE THE SUPPLY OF WATER AT DELPORTS RUST FARM 30 RD**

The above matter refers.

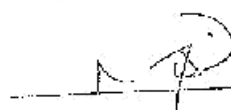
Harmony Gold Mine has been supplying small scale farmers that are utilizing a municipal farm (Delports Rust 30 RD) with water since the purchasing of the farm in 2006. The farm was purchased by the Department of Rural Development and Land Reform for communal purposes and there was an agreement already in place with the previous owner that water be supplied because the underground water was contaminated due to mining operations.

It has come to our attention that water samples were collected and tests carried out; (please find the attached letter and results). Harmony Gold is now intending to cease supplying the farm with water based on those results. We hereby request your urgent legal assistance in ensuring that the matter is handled efficiently.

Harmony has not communicated this matter to us and we only found out from the beneficiaries on the 07 October 2014. Now we are faced with a predicament that; when and if they cease to supply water at the farm on the 14 October 2014 more than 1000 cattle are going to suffer. This will put the municipality in a very vulnerable position as such your speedy response on this matter will highly be appreciated.

I trust you find the above in order.

Regards,


X.W. Mswell

Executive Director: LED & Planning

HARMONY GOLD MINERS COMPANY LIMITED
Randfontein Office Park
Off Main Reef Road and Ward
Avenue, Randfontein, 1769
P O Box 2, Randfontein, 1760
Johannesburg, South Africa

T+27 11 411 2060
F+27 11 092 8078
W www.diaimoby.com.br

NYSE trading symbol: HMY
 OTC trading symbol: HMY

06 October 2014

DELFORTS RUST 130

Dear Owner,

RE: SUPPLY OF WATER

- * 8 boreholes.
- * 100 consultation was done with municipality beneficiaries.

1. We refer to the subject matter and would like to bring the following to your kind attention:

1.1 On 04 August 2014, a representative of our

- 1.1 On 04 August 2014, a representative of our Company visited your farm.
- 1.2 The Company representative...

1.2 The Company representative discovered that you have a borehole on your farm and as part of our investigation into "*the need to supply water*", he took water samples from your borehole to the laboratory for analysis.

1.3 The Company has since received the results of the water samples which results reveal that the borehole water on your farm is suitable for both human and animal consumption. We attach hereto for your attention, a copy of the said results marked as Annexure A. Following the results of the samples taken, the Company has decided that it shall cease to supply water on your farm effective from 14 October 2014.

2. We trust that you find the above in order and should you need any clarity in this regard, please do not hesitate to contact the writer hereof at Harmony's Legal Department in Randfontein on the address and numbers reflected above.

[illegible]

HEERZO DIKANE

UTIVE: LEGAL GOVERNANCE & ETHICS

PT "Kosovo" (Chetnik), Jiri Adolovic (Nepity Chetnik), GP Ngiris (Ustaz Executive), P Abell (Financial Director), The Analysts (Executive Director), A. Chisima*, RFI De Bied*, KV Dicks*, KJ DSB Lushes*, CC Markus*, M Melnau*, J Wilson*, AJ Williams*, KJ Wondanot*, GP Wilton*

*Non-Resident; *Gorabian

Helen Dischard
jpc061230706



MIDVAAL
Water Company



SCIENTIFIC SERVICES

PO Box 21, Stillfontein, 2566 & Farm Buffelsfontein 443 JP, District Klerksdorp
Tel: 018 482 9500 & Fax: 086 698 4740
lab@midvaalwater.co.za & www.midvaalwater.co.za

TEST REPORT

Submitters

Harmony Environmental
Department
PO Box 20
5460 Welkom

Sample type:

Water sample

Date Received:

2014-08-06

Batch Number:

HAR003

Certificate Number:

2014-23338

Analysis Results

Sample number	Sample date	Identification on container	Determinand	Unit	Method Number	Result	Result	Result	Result	Result
23338	2014-08-04	BH78								
23339	2014-08-04	BH78								
23340	2014-08-04	BH74								
23341	2014-08-04	BH78								
23342	2014-08-04	BH78								
Physical, Aesthetic and Calculated Determinands										
Electrical Conductivity	µS/cm	WL2				185	278	117	120	594
pH	pH units	WL1				7.74	7.62	7.66	8.03	7.54
Chemical - Macro Determinands										
Chloride	mg/L Cl ⁻	GL 7-6				266	429	105	150	1209
Sulphate	mg/L SO ₄	GL 7-4				163	304	91	132	492
Chemical - Micro Determinands										
Uranium Dissolved	mg/L U	ICP1				<0.010	<0.010	<0.010	0.035	0.017

analysis commenced on 2014-08-07 and completed on 2014-08-08.
Test is marked ** in the SANAS Schedule of Accreditation for this laboratory.
D. Plateng (Signature) (All methods)

of issue: 2014-08-14
of report is only valid if signed by technical signatory. Refer to Schedule of Accreditation.
apud relates only to the samples supplied to Midvaal Water Company Scientific Services.
good test report shall not be reproduced, except in full, without the written approval of the Technical Signatory.
Vocp10 Implementation date: 2014-07-10



MIDVAAL
Water Company



SCIENTIFIC SERVICES

PO Box 31, Sullfontein, 2550 & Farm Buffelsfontein 443 IP, District Klerksdorp
Tel: 018 482 9500 & Fax: 086 698 4740
lab@midvaalwater.co.za & www.midvaalwater.co.za

TEST REPORT

Substrate:

Harmony Environmental
Department
PO Box 20
9480 Welkom

Sample type:

Water sample

Date Received:

2014-08-05

Batch Number:

HAR003

Certificate Number:

2014-23338

Analysis Results

Sample number	Sample date	Identification on container	Determinand	Unit	Method Number	23338	23339	23340	23341	23342
	2014-08-04					2014-08-04	2014-08-04	2014-08-04	2014-08-04	2014-08-04
						BH 73	BH 73	BH 74	BH 75	BH 76
Physi-chemical and Calculated Determinands										
Electrical Conductivity	µS/cm				WL 2	188	278	117	173	394
pH	pH units				WL 1	7.76	7.32	7.66	8.08	7.54
Chemical - Macro Determinands										
Chloride	mg/L Cl ⁻				GL 7-6	268	420	106	189	1269
Sulphate	mg/L SO ₄				GL 7-4	192	304	81	132	492
Chemical - Micro Determinands										
Uranium Dissolved	mg/L U				ICP1	<0.010	<0.010	<0.010	0.035	0.017

Initial analysis commenced on 2014-07-07 and completed on 2014-08-08.
Test is marked ** in this report as it is not included in the SANS Schedule of Accreditation for this laboratory.

D. Pretorius (All methods)

Report is only valid if signed by technical signatories. Refer to Schedule of Accreditation.
Report relates only to the samples supplied to Midvaal Water Company Scientific Services.

Good test report shall not be reproduced, except in full, without the written approval of the Technical Signatory.

Version

Implementation date: 2014-07-30

Page 1 of 1

Certificate Number: 2014-23338

MATJHABENG

Municipality
Umasipala

P O Box 708
Welkom, 9460
South Africa



Mmasepala
Munisipaliteit

Tel : (057) 916 4186
Fax : 0885360659

DIRECTORATE OF LED & PLANNING

WATER SUPPLY MEETING : MATJHABENG, HARMONY, DRDLR, DARD & FARMERS
DRDLR BOARDROOM , WELKOM
9H00, 14 JULY 2015

Minutes of the meeting

1. OPENING & WELCOME

Me Kholiso from Matjhabeng Local Municipality opened the meeting and welcomed everyone present.

2. APOLOGIES

2.1. Mr Sandile Nhlapo (DRDLR) 's apology was noted.

2.2. An apology for late attendance from the DARD representative was also noted.

3. ATTENDANCE

See the attached attendance register.

4. MATTERS OF THE DAY

4.1 FEEDBACK FROM HARMONY

Mr Loboahang Shabe indicated that he had a meeting with Mr Dikane from Harmony Gold's Legal Department as well as the their CEO Ms Melanie Naaidoo-Vormark and they will not be reinstating the water supply to the affected farms. He further informed the meeting that should the water tests to be conducted indicate that the water is still contaminated the farmers are at liberty to the Harmony Gold Mine to court for the cost or damages incurred from the date the water supply was halted.

4.2 FEEDBACK FROM THE DEPARTMENT OF WATER AND SANITATION

Mc Boitumelo Melalo informed the meeting that water tests by their department (as requested in the previous meeting), will be conducted between 15 -- 24 July 2015. The results will take approximately 2 weeks.

Resolutions on this feedback:

- SPCA is invited when the samples are collected.
- All farmers are notified on the exact time and date which the team will be there.
- Relevant officials from the municipality are present.

4.3 WAY FORWARD

Test be conducted as a matter of urgency to avoid further losses by the farmers.

5. CLOSURE

The meeting adjourned at 10h55