



Risk and Quality Unit
Lepelle Central Laboratory
Microbiology Test Report



T0516

Date: 07 July 2015

Postal address: Lepelle Northern Water
P/Bag X104000
Haenertsburg, 0730

Physical Address: Van Zyl Rust Farm
Georges Valley Road
Haenertsburg, 0730

Tel No: 015 276 9904

Fax No: 015 276 4998

Email: maserolem@lepelle.co.za

Sample Information

Sample Name: Groblesdal
Sampler: Mpho
Sample Date: 30/06/2015
Time received: 07:30
Test date: 01/07/2015
Temp: 10°C
Report No: SDM-GS-30-06-2015
(Sewage)

Sample No	Sample Name	*Free Chlorine(mg/L)	Total Coliform MPN/100mL	*Faecal Coliform cfu/mL	<i>E. coli</i> MPN/100mL
SANS 241 Requirements:			1000	1000	1000
			MP01	MP01	MP02
	Groblesdal	Not taken	>2420	ND	>2420

MPN- Most Probable Number; <1- Results not positive

HPC- Heterotrophic Plate Count

cfu/mL: Colony Forming Units per milli-liter

Tests marked with "*" , are not included in the SANAS schedule of accreditation for this laboratory.

Test results relate only to the items tested.

Shaded column- field test (not done in the lab)

For results sent electronically, signatures are on file

Analyst: _____

Signature: _____

Date: _____

Approved By: _____

(Technical Signatory)

Signature: _____

Date: _____



**Risk and Quality Unit
Lepelle Central Laboratory
Microbiology Test Report**



T0516

Sample Information

Date: 20 July 2015

Postal address: Lepelle Northern Water
P/Bag X104000
Haenertsburg, 0730

Physical Address: Van Zyl Rust Farm
Georges Valley Road
Haenertsburg, 0730

Tel No: 015 276 9904

Fax No: 015 276 4998

Email: maserolem@lepelle.co.za

Sample Name: Groblersdal
Sampler: Senyolo
Sample Date: 14/07/2015
Time received: 15:23
Test date: 15/07/2015
Temp: 5°C
Report No: SDM-GS-14-07-2015
(Potable Water)

Sample No	Sample Name	*Free Chlorine(mg/L)	Total Coliform MPN/100mL	*Faecal Coliform cfu/mL	<i>E. coli</i> MPN/100mL
SANS 241 Requirements:			1000	1000	1000
			MP01	MP01	MP02
	Groblersdal Sewage	Not taken	1046200	260300	344800

MPN- Most Probable Number; <1- Results not positive

HPC- Heterotrophic Plate Count

cfu/mL: Colony Forming Units per milli-liter

Tests marked with "*", are not included in the SANAS schedule of accreditation for this laboratory.

Test results relate only to the items tested

Shaded column- field test (not done in the lab)

For results sent electronically, signatures are on file

Analyst: _____

Signature: _____

Date: _____

Approved By: _____

(Technical Signatory)

Signature: _____

Date: _____



LEPELLE NORTHERN WATER
Water in the Bushveld

Date: 16 July 2015
Postal address: Lepelle Northern Water
P/Bag X104000
Haenertsburg, 0730

Physical address: Ebenezer Plant
Van Zyl Rust Farm
Georges Valley Road
Haenertsburg, 0730

Tel No: 015 276 9904

maserolem@lepelle.co.za

Risk and Quality Unit
Lepelle Central Laboratory
Chemistry Test Report



T0516

Sample Information

Sampler: Senyolo
Sample Date: 14/7/15
Time sample received: 15H23
Test Date: 15-16/07/2015
Sample Name: Groblersdal sewage
Report No: GBS-C-14-07-2015 (Sewage water)

SAMPLE POINT	Method	*Ammonia CP011	*COD CP019	Conductivity CP003	*Nitrate CP009	*Ortho- Phosphate CP018	pH CP001	*Sulphate CP010	*Temperature N/A	*Chlorides CP007
Groblersdal Raw Sewage		3mg/l 0.00	75mg/l 571.00	≤ 150 mS/m 118.00	15mg/l 0.00	10 mg/l 14.52	5.5 -9.5 6.82	No standard 156.68	N/A 24.00	No standard 70.16
Groblersdal Final Sewage		0.00	124.00	118.20	0.00	7.45	7.03	132.68	24.00	71.52

Tests marked with "N/A", are not included in the SANAS schedule of accreditation for this laboratory.

Results are only related to the test items

N/A: Not applicable

Note: Results sent electronically signature are on file

Analyst: _____
Approved by: _____
(Technical signatory)
Signature: _____
Date: _____