



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA



Enquiries: L.T. Kobe
Telephone: 015 290 1230
Reference: 21/19/D3

MINISTER OF WATER AND SANITATION

NATIONAL ASSEMBLY: QUESTION 2934 FOR WRITTEN REPLY

A draft reply to the above mentioned question asked by Mr L J Basson (DA) is attached for your consideration.

DIRECTOR-GENERAL

DATE:

26/8/15

DRAFT REPLY APPROVED/AMENDED

**MRS NP MOKONYANE
MINISTER OF WATER AND SANITATION**

DATE:

30.08.15

NATIONAL ASSEMBLY

FOR WRITTEN REPLY

QUESTION NO 2934

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 14 AUGUST 2015
(INTERNAL QUESTION PAPER NO. 30)

2934. Mr L J Basson (DA) to ask the Minister of Water and Sanitation:

- (1) Why is the Groblersdal Wastewater Treatment Plant in the Greater Sekhukhune District Municipality not in working order;
- (2) whether her department has done anything to assist the specified municipality to get the specified plant in working order; if not, why not; if so, what are the relevant details;
- (3) has any water tests been done at the specified plant's outlet into the Olifants River since 1 January 2010; if not, why not; if so, what are the results of the specified tests;
- (4) has she taken any action against the specified municipality or any individual for polluting the river; if not, why not; if so, what are the relevant details;
- (5) what is the specified plant's current Green Drop status?

NW3438E

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REPLY:

- (1) The plant is currently not in working order because the plant was affected by floods during 2014. In addition, theft and vandalism of mechanical and electrical equipment contributed to the plant not working properly.
- (2) My Department has not done any intervention since the Greater Sekhukhune District Municipality proactively appointed the Lepelle Northern Water Board under a bulk contract to operate and maintain the plant. The Lepelle Northern Water is in the process of finalizing the appointment of a service provider to refurbish the Works (the process is at adjudication stage of appointment of the service provider). It is envisaged that the plant will be fully restored to its normal operational status during December 2015.
- (3) Yes, tests have been done at the plant's outlet. Test results are attached as **Annexure A**.
- (2) Yes, a non-compliance notification has been issued to the municipality for not taking reasonable measures to prevent pollution from occurring. However, the municipality is in the process to refurbish mechanical and electrical components of the waste water plants. This is set to improve the quality of effluent prior to discharge.
- (5) 29.76 %.

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



T0516

Sample Information

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 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: _____

Approved By: _____

(Technical Signatory)

Signature: _____

Signature: _____

Date: _____

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: _____



Risk and Quality Unit
Lepelle Central Laboratory
Chemistry Test Report



T0516

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

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)

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

Tel No: 015 276 9904
maseolem@lepelle.co.za

SAMPLE POINT	Method	*Ammonia	*COD	Conductivity	*Nitrate	*Ortho-Phosphate	pH	*Sulphate	*Temperature	*Chlorides
		CP011	CP019	CP003	CP009	CP018	CP001	CP010	CP007	
		3mg/l	75mg/l	≤ 150 mS/m	15mg/l	10 mg/l	5.5 -9.5	No standard	N/A	No standard
Groblersdal Raw Sewage		0.00	571.00	118.00	0.00	14.52	6.82	156.68	N/A	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 "*", 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: _____
Signature: _____
Date: _____

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