



GERT SIBANDE DISTRICT MUNICIPALITY

WATER QUALITY LABORATORY

Enquiries : Victoria Tshabalala
E-mail : Laboratoryservices@gsibande.gov.za
Int. Ref : LDP0012/2025
Ext. Ref : 2025/12/09 (245913)

21 January 2026

Attention: Mr. Shabangu
Dipaleseng Local Municipality
Private Bag X1005
Balfour

EXTERNAL REPORT COMMENT EX AQUATICO LAB :

LDP0012/2025.

The determinands tested on potable water samples for the above mentioned report meet the requirements of the south African Drinking Water Standard, SANS241-1:2015

.....*p.p. A.A.*.....

Manager: Chemistry

Yours Sincerely

Victoria Tshabalala
.....

VM. Tshabalala

HEAD OF SCIENTIFIC SERVICES

PO Box 1748, Ermelo, 2350 : TEL: 017 801 7144/49 /50/97 : FAX : 017 811 3821



Test Report

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Client: Gert Sibande District Municipality

Address: Gert Sibande DM, C/O Joubert and Oosthuisen street, Ermelo

Report no: 245913

Project: Dipaleseng Local Municipality

Date of report: 23 December 2025

Date accepted: 15 December 2025

Date completed: 23 December 2025

Date received: 15 December 2025

Lab no:				399765	399766	399767	399768	399769	399770	399771	
Date sampled:				09-Dec-25	09-Dec-25	09-Dec-25	09-Dec-25	09-Dec-25	09-Dec-25	09-Dec-25	
Aquatico sampled:				No	No	No	No	No	No	No	
Sample type:				Water	Water	Water	Water	Water	Water	Water	
Locality description:				Balfour - Disaster Management	Balfour - Stand 116 New House	Balfour - Excel Garage	Siyathemba Stand 6311	Siyathemba 24 Charls Street	Siyathemba Reservoir	Greylingstad Total Garage	
Analyses				Unit	Method						
A	AQL	Sulphate (SO ₄)	mg/l	ALM 03	24.4	23.5	23.3	23.9	23.2	23.6	23.3
A	AQL	Nitrate (NO ₃) as N	mg/l	ALM 06	1.28	1.12	0.228	1.03	0.935	0.840	1.51
A	AQL	Total oxidised nitrogen as N	mg/l	ALM 06	1.28	1.12	0.228	1.03	0.935	0.840	1.51
A	AQL	Calcium (Ca)	mg/l	ALM 30	15.9	15.2	15.9	14.0	14.6	14.7	16.3
A	AQL	Magnesium (Mg)	mg/l	ALM 30	10.6	10.8	11.0	10.0	10.2	10.6	10.8
A	AQL	Sodium (Na)	mg/l	ALM 30	24.5	25.0	27.6	25.3	23.0	24.0	25.6
A	AQL	Potassium (K)	mg/l	ALM 30	6.82	6.87	7.16	6.38	6.42	6.77	7.08
A	AQL	Iron (Fe)	mg/l	ALM 31	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
A	AQL	Manganese (Mn)	mg/l	ALM 31	<0.002	0.005	0.005	<0.002	<0.002	<0.002	<0.002
N	AQL	Dissolved oxygen (DO)	mg/l	ALM 28	6.08	5.25	6.87	6.29	5.77	5.73	6.51

A: Accredited N: Not accredited Sub: Sub-contracted NR: Not requested RTF: Results to follow NATD: Not able to determine ATR: Alternative Test Report test report ; Results relate only to the items received and tested ; Results reported against the limit of detection; Results marked "Not SANAS Accredited" in this report are not covered by the Scope of Accreditation for this laboratory; Uncertainty of measurement available on request for all methods included in the SANAS Schedule of Accreditation; The report shall not be reproduced except in full without approval of the laboratory

M. Swanepoel
Technical Signatory

Test Report

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Client: Gert Sibande District Municipality
Address: Gert Sibande DM, C/O Joubert and Oosthuisen street, Ermelo
Report no: 245913
Project: Dipaleseng Local Municipality

Date of report: 23 December 2025
Date accepted: 15 December 2025
Date completed: 23 December 2025
Date received: 15 December 2025

Lab no:			399772	399773	399774	399775	399776	399777	399778
Date sampled:			09-Dec-25	09-Dec-25	09-Dec-25	09-Dec-25	09-Dec-25	09-Dec-25	09-Dec-25
Aquatico sampled:			No	No	No	No	No	No	No
Sample type:			Water	Water	Water	Water	Water	Water	Water
Locality description:			Nthorwana Municipal Office	Nthorwana Stand 731	Nthorwana Reservoirs	Grootvlei 192 Protea Avenue	Grootvlei Municipal Office	Grootvlei Clinic	Grootvlei Reservoir
Analyses	Unit	Method							
A AQL Sulphate (SO ₄)	mg/l	ALM 03	24.0	23.7	23.8	26.6	25.8	26.9	26.3
A AQL Nitrate (NO ₃) as N	mg/l	ALM 06	1.18	1.15	1.04	0.870	0.838	0.888	0.898
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	1.18	1.15	1.04	0.870	0.838	0.888	0.898
A AQL Calcium (Ca)	mg/l	ALM 30	15.8	14.8	15.2	22.1	21.6	21.6	21.1
A AQL Magnesium (Mg)	mg/l	ALM 30	10.9	10.2	10.5	12.8	12.4	12.5	12.1
A AQL Sodium (Na)	mg/l	ALM 30	25.4	25.6	26.4	18.6	17.8	18.4	17.7
A AQL Potassium (K)	mg/l	ALM 30	7.07	6.61	6.86	5.46	5.18	5.32	5.25
A AQL Iron (Fe)	mg/l	ALM 31	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
A AQL Manganese (Mn)	mg/l	ALM 31	<0.002	0.004	<0.002	0.003	0.005	<0.002	<0.002
N AQL Dissolved oxygen (DO)	mg/l	ALM 28	5.80	5.09	5.26	7.04	7.02	7.12	7.06

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Test Report

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Client: Gert Sibande District Municipality
Address: Gert Sibande DM, C/O Joubert and Oosthuisen street, Ermelo
Report no: 245913
Project: Dipaleseng Local Municipality

Date of report: 23 December 2025
Date accepted: 15 December 2025
Date completed: 23 December 2025
Date received: 15 December 2025

Lab no:	399779	399780	399781
Date sampled:	09-Dec-25	09-Dec-25	09-Dec-25
Aquatico sampled:	No	No	No
Sample type:	Water	Water	Water

Locality description:

				Grootvlei Mine WWTW Final	Siyathemba Thusong Centre	Balfour WWTW Final
Analyses	Unit	Method				
A AQL Sulphate (SO ₄)	mg/l	ALM 03	NR	23.3	NR	
A AQL Nitrate (NO ₃) as N	mg/l	ALM 06	0.562	2.19	3.05	
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.562	2.19	3.05	
A AQL Calcium (Ca)	mg/l	ALM 30	NR	14.7	NR	
A AQL Magnesium (Mg)	mg/l	ALM 30	NR	10.5	NR	
A AQL Sodium (Na)	mg/l	ALM 30	NR	26.9	NR	
A AQL Potassium (K)	mg/l	ALM 30	NR	6.78	NR	
A AQL Iron (Fe)	mg/l	ALM 31	NR	<0.004	NR	
A AQL Manganese (Mn)	mg/l	ALM 31	NR	0.012	NR	
N AQL Dissolved oxygen (DO)	mg/l	ALM 28	NR	4.67	NR	

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