

Test Report

Client: Moqhaka Local Municipality
 Address: Moqhaka Municipality, Hill Street, Kroonstad
 Report no: 246110
 Project: Moqhaka Municipality

Date of report: 24 December 2025
 Date accepted: 17 December 2025
 Date completed: 23 December 2025
 Date received: 17 December 2025

Lab no:				400819	400820
Date sampled:				15-Dec-25	15-Dec-25
Aquatico sampled:				Yes	Yes
Sample type:				Water	Water
Locality description:				Steynsrus WTW Raw	Steynsrus WTW Final
Analyses	Unit	Method			
A AQL pH @ 25°C	pH	ALM 20	8.20	8.20	
A AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	35.5	37.0	
A AQL Total dissolved solids (TDS)	mg/l	ALM 26	204	205	
A AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	258	224	
A AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	156	156	
A AQL Chloride (Cl)	mg/l	ALM 02	12.4	13.5	
A AQL Sulphate (SO ₄)	mg/l	ALM 03	18.2	17.9	
A AQL Nitrate (NO ₃) as N	mg/l	ALM 06	0.337	0.641	
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.337	0.641	
A AQL Ammonium (NH ₄) as N	mg/l	ALM 05	0.063	0.037	
A AQL Fluoride (F)	mg/l	ALM 08	<0.263	<0.263	
A AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	27.6	27.5	
A AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	17.8	17.3	
A AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	23.4	23.5	
A AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	7.45	7.35	
A AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	<0.003	0.071	
A AQL Turbidity	NTU	ALM 21	4.83	1.62	
A AQL True Colour	mg/l Pt-Co	ALM 22	23.0	14.0	
A AQL Langelier Saturation Index	LSI	ALM 26	-0.16	-0.16	

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 sampled 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: Mqohaka Local Municipality
 Address: Mqohaka Municipality, Hill Street, Kroonstad
 Report no: 246106
 Project: Mqohaka Municipality

Date of report: 24 December 2025
 Date accepted: 17 December 2025
 Date completed: 24 December 2025
 Date received: 17 December 2025

Lab no:	400804	400805	400806	400807		
Date sampled:	15-Dec-25	15-Dec-25	15-Dec-25	15-Dec-25		
Aquatico sampled:	Yes	Yes	Yes	Yes		
Sample type:	Water	Water	Water	Water		
Locality description:	Steynsrus Fouche Reservoir	Steynsrus Municipal Offices	Steynsrus Matlwangtl wang Res	Steynsrus Mantlwang Communal Tap		
Analyses	Unit	Method				
A AQL pH @ 25°C	pH	ALM 20	8.35	8.35	8.22	8.34
A AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	37.1	37.2	36.6	36.4
A AQL Total dissolved solids (TDS)	mg/l	ALM 26	210	206	199	201
A AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	254	254	242	248
A AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	159	153	144	150
A AQL Chloride (Cl)	mg/l	ALM 02	15.6	15.5	15.0	13.9
A AQL Sulphate (SO ₄)	mg/l	ALM 03	17.8	17.8	18.0	17.6
A AQL Nitrate (NO ₃) as N	mg/l	ALM 06	0.273	0.286	0.435	0.336
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.273	0.286	0.435	0.336
A AQL Ammonium (NH ₄) as N	mg/l	ALM 05	0.035	0.029	0.053	0.037
A AQL Fluoride (F)	mg/l	ALM 08	<0.263	<0.263	<0.263	<0.263
A AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	28.9	28.5	28.2	28.2
A AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	17.4	17.7	17.4	17.6
A AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	24.1	23.7	23.6	23.5
A AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	7.35	7.43	7.31	7.41
A AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.023	0.018	0.016	0.015
A AQL Turbidity	NTU	ALM 21	0.703	0.756	0.914	0.763
A AQL True Colour	mg/l Pt-Co	ALM 22	9.00	12.0	<5.00	11.0
A AQL Langelier Saturation Index	LSI	ALM 26	0.03	0.01	-0.15	-0.03

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