

Test Report Page 1 of 1

Client: Moqhaka Local Municipality	Date of report: 26 August 2025
Address: Moqhaka Municipality, Hill Street, Kroonstad	Date accepted: 19 August 2025
Report no: 232124	Date completed: 26 August 2025
Project: Moqhaka Municipality	Date received: 19 August 2025

Lab no:		303255	303254		
Date sampled:		18-Aug-25	18-Aug-25		
Aquatico sampled:		Yes	Yes		
Sample type:		Water	Water		
Locality description:		Steynsrus WTW Final	Steynsrus WTW Raw		
Analyses		Unit	Method		
A	AQL pH @ 25°C	pH	ALM 20	8.54	8.49
A	AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	29.2	26.3
A	AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	170	176
A	AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	NATD	120
A	AQL Chloride (Cl)	mg/l	ALM 02	18.8	8.31
A	AQL Sulphate (SO ₄)	mg/l	ALM 03	15.0	15.6
A	AQL Nitrate (NO ₃) as N	mg/l	ALM 06	<0.194	<0.194
A	AQL Total oxidised nitrogen as N	mg/l	ALM 06	<0.194	<0.194
A	AQL Ammonium (NH ₄) as N	mg/l	ALM 05	<0.008	0.031
A	AQL Fluoride (F)	mg/l	ALM 08	<0.263	<0.263
A	AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	26.8	22.6
A	AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	13.7	13.8
A	AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	17.7	16.0
A	AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	5.82	5.79
A	AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.078	0.153
A	AQL Turbidity	NTU	ALM 21	0.551	27.5
A	AQL True Colour	mg/l Pt-Co	ALM 22	<5.00	39.0
A	AQL Langelier Saturation Index	LSI	ALM 26	NATD	-0.04

A = Accredited N = Not accredited Sub = Sub-contracted NR = Not requested RTF = Results to follow NATD = Not able to determine ATR = Alternative 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

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Test Report

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Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 232121
Project: Moqhaka Municipality

Date of report: 25 August 2025
Date accepted: 19 August 2025
Date completed: 25 August 2025
Date received: 19 August 2025

Lab no:					303248	303247	303246	303245
Date sampled:					18-Aug-25	18-Aug-25	18-Aug-25	18-Aug-25
Aquatico sampled:					Yes	Yes	Yes	Yes
Sample type:					Water	Water	Water	Water
Locality description:					Steynsrus Mantlwang Communal Tap	Steynsrus Matlwangtlwang Res	Steynsrus Municipal Offices	Steynsrus Fouche Reservoir
	Analyses	Unit	Method					
A	AQL pH @ 25°C	pH	ALM 20	8.47	8.52	8.42	8.43	
A	AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	27.6	27.9	27.7	27.6	
A	AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	190	170	156	204	
A	AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	127	122	122	121	
A	AQL Chloride (Cl)	mg/l	ALM 02	12.5	13.9	14.1	13.4	
A	AQL Sulphate (SO ₄)	mg/l	ALM 03	14.1	16.3	15.1	13.8	
A	AQL Nitrate (NO ₃) as N	mg/l	ALM 06	<0.194	0.209	<0.194	<0.194	
A	AQL Total oxidised nitrogen as N	mg/l	ALM 06	<0.194	0.209	<0.194	<0.194	
A	AQL Ammonium (NH ₄) as N	mg/l	ALM 05	0.028	0.030	0.041	0.026	
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	23.8	24.2	23.2	23.6	
A	AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	13.8	13.9	13.5	13.7	
A	AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	16.7	16.8	16.2	16.5	
A	AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	5.84	5.87	5.62	5.79	
A	AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.060	0.055	0.048	0.111	
A	AQL Turbidity	NTU	ALM 21	0.437	1.46	0.572	1.67	
A	AQL True Colour	mg/l Pt-Co	ALM 22	<5.00	<5.00	<5.00	<5.00	
A	AQL Langelier Saturation Index	LSI	ALM 26	-0.03	0.01	-0.11	-0.09	

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