

Test Report

Client: Moqhaka Local Municipality
 Address: Moqhaka Municipality, Hill Street, Kroonstad
 Report no: 249709
 Project: Moqhaka Municipality

Date of report: 02 February 2026
 Date accepted: 28 January 2026
 Date completed: 02 February 2026
 Date received: 28 January 2026

Lab no:					418275	418276	418277	418278	418279	418280
Date sampled:					26-Jan-26	26-Jan-26	26-Jan-26	26-Jan-26	26-Jan-26	26-Jan-26
Aquatico sampled:					Yes	Yes	Yes	Yes	Yes	Yes
Sample type:					Water	Water	Water	Water	Water	Water
Locality description:					Steynsrus WTW Raw	Steynsrus WTW Final	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	8.33	8.33	8.41	8.28	8.36	8.36
A	AQL	Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	34.6	36.8	35.4	35.4	35.8	35.7
A	AQL	Total dissolved solids (TDS)	mg/l	ALM 26	192	202	195	196	200	198
A	AQL	Total Dissolved solids @ 180°C	mg/l	ALM 24	190	206	206	236	248	206
A	AQL	Total Alkalinity	mg CaCO ₃ /l	ALM 01	151	150	149	151	157	154
A	AQL	Chloride (Cl)	mg/l	ALM 02	12.0	17.9	14.2	13.8	14.4	14.1
A	AQL	Sulphate (SO ₄)	mg/l	ALM 03	15.5	15.2	14.9	14.8	15.3	15.0
A	AQL	Nitrate (NO ₃) as N	mg/l	ALM 06	0.257	0.293	0.430	0.311	0.260	0.244
A	AQL	Total oxidised nitrogen as N	mg/l	ALM 06	0.257	0.293	0.430	0.311	0.260	0.244
A	AQL	Ammonium (NH ₄) as N	mg/l	ALM 05	0.066	0.009	0.025	0.023	0.052	0.022
A	AQL	Fluoride (F)	mg/l	ALM 08	0.436	0.329	0.291	0.267	0.365	0.471
A	AQL	Acid Soluble Calcium (Ca)	mg/l	ALMA 30	24.9	28.0	25.7	26.9	25.7	25.9
A	AQL	Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	16.6	17.0	16.9	16.5	16.7	16.8
A	AQL	Acid Soluble Sodium (Na)	mg/l	ALMA 30	22.8	23.7	23.1	23.1	23.4	23.2
A	AQL	Acid Soluble Potassium (K)	mg/l	ALMA 30	6.88	6.94	6.84	6.80	6.91	6.99
A	AQL	Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.128	0.027	0.032	0.040	0.032	0.033
A	AQL	Turbidity	NTU	ALM 21	19.3	1.25	0.648	0.593	2.69	1.37
A	AQL	True Colour	mg/l Pt-Co	ALM 22	17.0	<5.00	6.00	6.00	6.00	10.0
A	AQL	Langelier Saturation Index	LSI	ALM 26	-0.05	-0.01	0.03	-0.08	0.00	0.00

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

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