

Test Report

Page 1 of 1

Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 245088
Project: Moqhaka Municipality

Date of report: 18 December 2025
Date accepted: 10 December 2025
Date completed: 18 December 2025
Date received: 10 December 2025

Lab no:			395472	395473	395474	395475	395476	395477		
Date sampled:			08-Dec-25	08-Dec-25	08-Dec-25	08-Dec-25	08-Dec-25	08-Dec-25		
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		8.20	8.23	8.22	8.22	8.12	8.31
A	AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20		33.3	34.2	34.4	34.7	34.8	34.3
A	AQL Total Dissolved solids @ 180°C	mg/l	ALM 24		212	178	210	204	194	186
A	AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01		151	151	154	152	148	143
A	AQL Chloride (Cl)	mg/l	ALM 02		12.0	14.5	14.6	15.1	15.4	14.9
A	AQL Sulphate (SO ₄)	mg/l	ALM 03		17.8	17.3	17.3	17.4	18.6	17.6
A	AQL Nitrate (NO ₃) as N	mg/l	ALM 06		0.270	0.301	0.299	0.302	0.323	0.308
A	AQL Total oxidised nitrogen as N	mg/l	ALM 06		0.270	0.301	0.299	0.302	0.323	0.308
A	AQL Ammonium (NH ₄) as N	mg/l	ALM 05		0.065	0.023	0.021	0.025	0.078	0.027
A	AQL Fluoride (F)	mg/l	ALM 08		0.326	0.323	0.307	0.449	0.489	0.356
A	AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30		28.5	29.2	29.7	30.6	29.7	30.2
A	AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30		18.1	18.0	17.9	16.3	14.9	14.3
A	AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30		24.4	24.8	24.8	25.4	25.2	25.2
A	AQL Acid Soluble Potassium (K)	mg/l	ALMA 30		7.08	6.99	7.03	7.20	7.33	7.19
A	AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31		0.031	0.072	0.078	0.088	0.067	0.075
A	AQL Turbidity	NTU	ALM 21		5.90	0.893	1.31	1.12	0.955	1.11
A	AQL True Colour	mg/l Pt-Co	ALM 22		15.0	9.00	7.00	5.00	8.00	<5.00
A	AQL Langelier Saturation Index	LSI	ALM 26		-0.13	-0.09	-0.08	-0.07	-0.20	-0.01

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

AQL 89 Regency Drive, R21 Corporate Park, Centurion, South Africa
 AQK 28 Karee ave, Kathu, Northern Cape, South Africa

Tel +27 12 450 3800
 Tel +27 53 880 0208

www.aquatico.co.za
 www.aquatico.co.za