

Test Report

Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 245089
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:				395478	395479	395480	395481
Date sampled:				09-Dec-25	09-Dec-25	09-Dec-25	09-Dec-25
Aquatiko sampled:				Yes	Yes	Yes	Yes
Sample type:				Water	Water	Water	Water
Locality description:				Viljoenskroon WTW Raw	Viljoenskroon WTW Final	Viljoenskroon Community Hall	Viljoenskroon Renyakaletsi Pump Station
Analyses	Unit	Method					
A AQL pH @ 25°C	pH	ALM 20	7.95	7.99	8.04	7.97	
A AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	34.3	34.9	34.4	33.9	
A AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	226	206	204	182	
A AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	141	123	108	97.1	
A AQL Chloride (Cl)	mg/l	ALM 02	28.0	31.6	30.3	31.9	
A AQL Sulphate (SO ₄)	mg/l	ALM 03	26.7	25.2	24.8	24.4	
A AQL Nitrate (NO ₃) as N	mg/l	ALM 06	0.608	0.596	0.671	0.682	
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.608	0.596	0.671	0.682	
A AQL Ammonium (NH ₄) as N	mg/l	ALM 05	0.058	0.030	0.050	0.027	
A AQL Fluoride (F)	mg/l	ALM 08	0.295	0.319	0.549	0.337	
A AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	26.7	25.1	25.0	23.6	
A AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	14.6	13.7	13.0	10.5	
A AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	32.8	32.9	32.6	34.5	
A AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	6.81	6.60	6.45	6.56	
A AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.621	0.032	0.041	0.025	
A AQL Turbidity	NTU	ALM 21	150	0.584	8.81	0.618	
A AQL True Colour	mg/l Pt-Co	ALM 22	39.0	14.0	7.00	7.00	
A AQL Langelier Saturation Index	LSI	ALM 26	-0.44	-0.48	-0.49	-0.63	

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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