

Test Report

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Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 244128
Project: Moqhaka Municipality

Date of report: 08 December 2025
Date accepted: 03 December 2025
Date completed: 05 December 2025
Date received: 03 December 2025

Lab no:					391043	391044	391045	391046	391047
Date sampled:					02-Dec-25	02-Dec-25	02-Dec-25	02-Dec-25	02-Dec-25
Aquatico sampled:					Yes	Yes	Yes	Yes	Yes
Sample type:					Water	Water	Water	Water	Water
Locality description:					Viljoenskroon Municipal Offices	Viljoenskroon WTW Raw	Viljoenskroon WTW Final	Viljoenskroon Community Hall	Viljoenskroon Renyakaletsi Pump Station
	Analyses	Unit	Method						
A	AQL pH @ 25°C	pH	ALM 20	8.24	7.29	8.17	8.15	8.02	
A	AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	37.1	124	44.4	42.3	36.2	
A	AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	220	758	267	259	217	
A	AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	114	346	140	104	96.2	
A	AQL Chloride (Cl)	mg/l	ALM 02	26.4	98.6	47.0	42.9	31.0	
A	AQL Sulphate (SO ₄)	mg/l	ALM 03	29.5	83.5	29.5	29.3	28.5	
A	AQL Nitrate (NO ₃) as N	mg/l	ALM 06	0.441	<0.194	0.445	0.464	0.442	
A	AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.441	<0.194	0.445	0.464	0.442	
A	AQL Ammonium (NH ₄) as N	mg/l	ALM 05	0.289	50.3	0.011	0.014	0.034	
A	AQL Fluoride (F)	mg/l	ALM 08	0.289	<0.263	<0.263	0.356	0.281	
A	AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	23.1	37.7	22.8	22.2	21.3	
A	AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	12.2	18.4	12.4	12.1	11.0	
A	AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	31.8	101	47.0	41.7	33.3	
A	AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	6.31	18.3	6.36	6.31	6.41	
A	AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.010	0.089	0.028	0.015	0.006	
A	AQL Turbidity	NTU	ALM 21	0.317	156	0.989	1.73	0.315	
A	AQL True Colour	mg/l Pt-Co	ALM 22	<5.00	178	<5.00	<5.00	<5.00	
A	AQL Langelier Saturation Index	LSI	ALM 26	-0.33	-0.63	-0.32	-0.48	-0.65	

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, Kaiti, Northern Cape, South Africa

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

www.aquatico.co.za
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