

Test Report

Client: Mqohaka Local Municipality
 Address: Mqohaka Municipality, Hill Street, Kroonstad
 Report no: 247247
 Project: Mqohaka Municipality

Date of report: 12 January 2026
 Date accepted: 07 January 2026
 Date completed: 12 January 2026
 Date received: 07 January 2026

Lab no:				406221	406222
Date sampled:				06-Jan-26	06-Jan-26
Aquatico sampled:				Yes	Yes
Sample type:				Water	Water
Locality description:				Viljoenskroon WTW Raw	Viljoenskroon WTW Final
Analyses	Unit	Method			
A AQL pH @ 25°C	pH	ALM 20	8.37	8.38	
A AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	32.4	33.2	
A AQL Total dissolved solids (TDS)	mg/l	ALM 26	193	194	
A AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	266	242	
A AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	122	117	
A AQL Chloride (Cl)	mg/l	ALM 02	21.1	27.4	
A AQL Sulphate (SO ₄)	mg/l	ALM 03	26.0	25.2	
A AQL Nitrate (NO ₃) as N	mg/l	ALM 06	0.395	0.499	
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.395	0.499	
A AQL Ammonium (NH ₄) as N	mg/l	ALM 05	0.022	0.024	
A AQL Fluoride (F)	mg/l	ALM 08	<0.263	<0.263	
A AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	26.4	25.1	
A AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	13.5	13.0	
A AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	24.4	23.8	
A AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	5.56	5.40	
A AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.496	0.017	
A AQL Turbidity	NTU	ALM 21	81.6	1.21	
A AQL True Colour	mg/l Pt-Co	ALM 22	27.0	7.00	
A AQL Langelier Saturation Index	LSI	ALM 26	-0.10	-0.12	

A: Accredited N: Not accredited Sub: Sub-contracted NR: Not requested RTF: Results to follow NATO: 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

Test Report

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Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 247199
Project: Moqhaka Municipality

Date of report: 12 January 2026
Date accepted: 07 January 2026
Date completed: 12 January 2026
Date received: 07 January 2026

Lab no:					405981	405982	405983
Date sampled:					06-Jan-26	06-Jan-26	06-Jan-26
Aquatico sampled:					Yes	Yes	Yes
Sample type:					Water	Water	Water
Locality description:					Viljoenskroon Municipal Offices	Viljoenskroon Community Hall	Viljoenskroon Renyakalets Pump Station
Analyses		Unit	Method				
A	AQL pH @ 25°C	pH	ALM 20	7.94	7.91	7.91	
A	AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	33.6	33.0	33.6	
A	AQL Total dissolved solids (TDS)	mg/l	ALM 26	198	193	196	
A	AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	286	270	260	
A	AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	120	115	115	
A	AQL Chloride (Cl)	mg/l	ALM 02	24.7	24.5	25.4	
A	AQL Sulphate (SO ₄)	mg/l	ALM 03	27.5	27.3	29.0	
A	AQL Nitrate (NO ₃) as N	mg/l	ALM 06	0.651	0.602	0.596	
A	AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.651	0.602	0.596	
A	AQL Ammonium (NH ₄) as N	mg/l	ALM 05	0.008	0.008	0.013	
A	AQL Fluoride (F)	mg/l	ALM 08	0.298	<0.263	0.311	
A	AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	26.7	25.9	26.1	
A	AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	13.4	13.0	13.2	
A	AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	24.0	24.0	24.4	
A	AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	5.40	5.35	5.54	
A	AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.007	0.077	0.007	
A	AQL Turbidity	NTU	ALM 21	0.983	3.85	0.283	
A	AQL True Colour	mg/l Pt-Co	ALM 22	7.00	5.00	9.00	
A	AQL Langelier Saturation Index	LSI	ALM 26	-0.55	-0.60	-0.60	

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