

Test Report

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Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 248838
Project: Moqhaka Municipality

Date of report: 28 January 2026
Date accepted: 21 January 2026
Date completed: 28 January 2026
Date received: 21 January 2026

Lab no:				414103	414104	414105	414106	414107
Date sampled:				20-Jan-26	20-Jan-26	20-Jan-26	20-Jan-26	20-Jan-26
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 Renyakalets Pump Station
Analyses	Unit	Method						
A AQL pH @ 25°C	pH	ALM 20	8.17	8.27	8.27	8.34	8.39	
A AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	34.6	34.0	36.1	36.8	36.6	
A AQL Total dissolved solids (TDS)	mg/l	ALM 26	212	206	204	209	207	
A AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	264	242	238	240	174	
A AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	139	133	125	129	127	
A AQL Chloride (Cl)	mg/l	ALM 02	23.7	20.3	23.6	25.1	24.2	
A AQL Sulphate (SO ₄)	mg/l	ALM 03	28.5	28.5	28.3	28.3	28.4	
A AQL Nitrate (NO ₃) as N	mg/l	ALM 06	0.498	0.430	0.490	0.537	0.571	
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.498	0.430	0.490	0.537	0.571	
A AQL Ammonium (NH ₄) as N	mg/l	ALM 05	0.208	0.112	0.041	0.049	0.122	
A AQL Fluoride (F)	mg/l	ALM 08	<0.263	<0.263	0.348	<0.263	0.322	
A AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	28.1	28.3	27.8	28.7	28.7	
A AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	14.4	14.8	14.6	14.5	14.5	
A AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	25.3	25.7	25.5	25.5	25.6	
A AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	5.23	5.29	5.25	5.20	5.19	
A AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.007	0.344	0.008	0.013	0.010	
A AQL Turbidity	NTU	ALM 21	0.465	53.8	1.13	1.72	0.467	
A AQL True Colour	mg/l Pt-Co	ALM 22	11.0	28.0	9.00	<5.00	12.0	
A AQL Langelier Saturation Index	LSI	ALM 26	-0.23	-0.14	-0.13	-0.03	0.02	

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