

Test Report

Page 1 of 1

Client: Moqhaka Local Municipality
 Address: Moqhaka Municipality, Hill Street, Kroonstad
 Report no: 247246
 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:				406219	406220
Date sampled:				05-Jan-26	05-Jan-26
Aquatco sampled:				Yes	Yes
Sample type:				Water	Water
Locality description:				Steynsrus WTW Raw	Steynsrus WTW Final
Analyses	Unit	Method			
A AQL pH @ 25°C	pH	ALM 20	8.49	8.51	
A AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	33.4	35.8	
A AQL Total dissolved solids (TDS)	mg/l	ALM 26	201	212	
A AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	228	234	
A AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	160	159	
A AQL Chloride (Cl)	mg/l	ALM 02	11.9	19.1	
A AQL Sulphate (SO ₄)	mg/l	ALM 03	18.0	17.6	
A AQL Nitrate (NO ₃) as N	mg/l	ALM 06	<0.194	0.234	
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	<0.194	0.234	
A AQL Ammonium (NH ₄) as N	mg/l	ALM 05	0.028	0.011	
A AQL Fluoride (F)	mg/l	ALM 08	<0.263	0.358	
A AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	26.1	29.5	
A AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	16.4	16.6	
A AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	22.6	24.1	
A AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	7.04	7.12	
A AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.072	0.041	
A AQL Turbidity	NTU	ALM 21	12.0	0.486	
A AQL True Colour	mg/l Pt-Co	ALM 22	9.00	10.0	
A AQL Langelier Saturation Index	LSI	ALM 26	0.15	0.22	

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

Test Report

Page 1 of 1

Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 247198
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:				405977	405978	405979	405980
Date sampled:				05-Jan-26	05-Jan-26	05-Jan-26	05-Jan-26
Aquatico sampled:				Yes	Yes	Yes	Yes
Sample type:				Water	Water	Water	Water
Locality description:				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	8.25	8.27	8.26	8.31
A	AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	34.8	35.0	34.7	34.6
A	AQL Total dissolved solids (TDS)	mg/l	ALM 26	204	208	204	207
A	AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	244	256	258	280
A	AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	151	156	154	158
A	AQL Chloride (Cl)	mg/l	ALM 02	15.7	16.1	15.4	15.4
A	AQL Sulphate (SO ₄)	mg/l	ALM 03	19.0	19.1	18.7	18.5
A	AQL Nitrate (NO ₃) as N	mg/l	ALM 06	0.259	0.267	0.254	0.234
A	AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.259	0.267	0.254	0.234
A	AQL Ammonium (NH ₄) as N	mg/l	ALM 05	0.010	<0.008	0.012	0.008
A	AQL Fluoride (F)	mg/l	ALM 08	0.270	0.345	0.443	0.409
A	AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	28.6	28.7	28.0	28.2
A	AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	16.8	16.9	16.6	16.9
A	AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	23.7	23.7	23.3	23.3
A	AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	7.14	7.11	7.08	7.08
A	AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.067	0.072	0.070	0.052
A	AQL Turbidity	NTU	ALM 21	0.654	0.697	0.695	0.748
A	AQL True Colour	mg/l Pt-Co	ALM 22	6.00	<5.00	5.00	7.00
A	AQL Langelier Saturation Index	LSI	ALM 26	-0.10	-0.06	-0.09	-0.03

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 0708

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