

Test Report

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Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 235329
Project: Moqhaka Municipality

Date of report: 26 September 2025
Date accepted: 17 September 2025
Date completed: 26 September 2025
Date received: 17 September 2025

Lab no:	348312	348313	348314	348315	348316	348317		
Date sampled:	15-Sep-25	15-Sep-25	15-Sep-25	15-Sep-25	15-Sep-25	15-Sep-25		
Aquatiko sampled:	Yes	Yes	Yes	Yes	Yes	Yes		
Sample type:	Water	Water	Water	Water	Water	Water		
Locality description:	Steynsrus WTW Raw	Steynsrus WTW Final	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	8.18	8.24	8.30	8.18	8.21	8.21
A AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	29.2	29.9	30.7	30.9	30.5	30.5
A AQL Total dissolved solids (TDS)	mg/l	ALM 26	169	184	183	178	174	180
A AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	168	200	188	202	202	232
A AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	127	134	129	125	124	129
A AQL Chloride (Cl)	mg/l	ALM 02	9.28	14.4	15.2	15.0	14.0	14.2
A AQL Sulphate (SO ₄)	mg/l	ALM 03	17.4	17.3	17.3	17.5	17.2	16.9
A AQL Nitrate (NO ₃) as N	mg/l	ALM 06	0.249	0.252	0.271	0.293	0.283	0.291
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.249	0.252	0.271	0.293	0.283	0.291
A AQL Ammonium (NH ₄) as N	mg/l	ALM 05	0.088	0.042	0.037	0.033	0.028	0.026
A AQL Fluoride (F)	mg/l	ALM 08	0.286	<0.263	0.339	0.290	0.344	<0.263
A AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	21.8	27.2	28.1	22.3	23.5	24.6
A AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	15.4	15.3	15.6	16.1	15.4	16.0
A AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	19.3	20.0	20.4	21.5	20.2	21.1
A AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	6.63	6.58	6.73	7.14	6.73	7.00
A AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.053	0.104	0.135	0.087	0.094	0.093
A AQL Turbidity	NTU	ALM 21	10.5	0.313	0.527	0.294	0.489	0.362
A AQL True Colour	mg/l Pt-Co	ALM 22	14.0	<5.00	<5.00	<5.00	<5.00	<5.00
A AQL Langeller Saturation Index	LSI	ALM 26	-0.34	-0.17	-0.11	-0.35	-0.30	-0.27

A = Accredited N = Not accredited Sub = Sub-contracted NR = Not requested RTF = Results to follow NATD = Not able to determine ATR = Alternative 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