

Test Report

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Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 244126
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:	391031	391032	391033	391034	391035	391036		
Date sampled:	01-Dec-25	01-Dec-25	01-Dec-25	01-Dec-25	01-Dec-25	01-Dec-25		
Aquatico 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 Matiwangtl wang Res	Steynsrus Mantlwang Communal Tap		
Analyses	Unit	Method						
A AQL pH @ 25°C	pH	ALM 20	8.28	8.26	8.33	8.25	8.23	8.41
A AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	33.6	34.5	34.4	34.4	34.6	33.9
A AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	200	211	204	204	207	203
A AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	147	149	143	141	141	138
A AQL Chloride (Cl)	mg/l	ALM 02	11.6	16.1	14.9	14.9	15.1	15.1
A AQL Sulphate (SO ₄)	mg/l	ALM 03	20.5	18.4	18.0	18.0	17.9	17.5
A AQL Nitrate (NO ₃) as N	mg/l	ALM 06	<0.194	0.207	<0.194	<0.194	<0.194	0.210
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	<0.194	0.207	<0.194	<0.194	<0.194	0.210
A AQL Ammonium (NH ₄) as N	mg/l	ALM 05	0.137	0.050	0.036	0.014	0.053	0.057
A AQL Fluoride (F)	mg/l	ALM 08	<0.263	<0.263	<0.263	<0.263	<0.263	<0.263
A AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	25.9	27.0	27.0	27.2	27.2	26.6
A AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	16.0	15.9	15.8	15.6	15.7	15.0
A AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	23.3	24.0	23.6	23.8	23.7	22.2
A AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	6.81	6.80	6.72	6.77	6.76	6.97
A AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.023	0.069	0.078	0.082	0.076	0.070
A AQL Turbidity	NTU	ALM 21	9.35	0.445	0.703	0.965	0.602	0.527
A AQL True Colour	mg/l Pt-Co	ALM 22	31.0	<5.00	<5.00	<5.00	<5.00	<5.00
A AQL Langelier Saturation Index	LSI	ALM 26	-0.11	-0.11	-0.06	-0.14	-0.16	0.00

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