

**Test Report**

**Client:** Moqhaka Local Municipality  
**Address:** Moqhaka Municipality, Hill Street, Kroonstad  
**Report no:** 251469  
**Project:** Moqhaka Municipality

**Date of report:** 17 February 2026  
**Date accepted:** 11 February 2026  
**Date completed:** 17 February 2026  
**Date received:** 11 February 2026

Lab no:				425395	425396
Date sampled:				09-Feb-26	09-Feb-26
Aquatico 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	8.53	8.59	
A AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	37.4	41.4	
A AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	224	258	
A AQL Total Alkalinity	mg CaCO <sub>3</sub> /l	ALM 01	159	NATD	
A AQL Chloride (Cl)	mg/l	ALM 02	14.3	24.0	
A AQL Sulphate (SO <sub>4</sub> )	mg/l	ALM 03	15.7	17.2	
A AQL Nitrate (NO <sub>3</sub> ) as N	mg/l	ALM 06	<0.194	<0.194	
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	<0.194	<0.194	
A AQL Ammonium (NH <sub>4</sub> ) as N	mg/l	ALM 05	0.206	0.036	
A AQL Fluoride (F)	mg/l	ALM 08	<0.263	<0.263	
A AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	26.0	32.3	
A AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	16.7	16.7	
A AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	23.6	26.0	
A AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	6.95	6.85	
A AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	3.26	0.050	
A AQL Turbidity	NTU	ALM 21	0.718	1.14	
A AQL True Colour	mg/l Pt-Co	ALM 22	<5.00	<5.00	
A AQL Langelier Saturation Index	LSI	ALM 26	0.21	NATD	

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**

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**Client:** Moqhaka Local Municipality  
**Address:** Moqhaka Municipality, Hill Street, Kroonstad  
**Report no:** 251457  
**Project:** Moqhaka Municipality

**Date of report:** 16 February 2026  
**Date accepted:** 11 February 2026  
**Date completed:** 16 February 2026  
**Date received:** 11 February 2026

Lab no:	425363	425364	425365	425366		
Date sampled:	09-Feb-26	09-Feb-26	09-Feb-26	09-Feb-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		
<b>Analyses</b>	<b>Unit</b>	<b>Method</b>				
A AQL pH @ 25°C	pH	ALM 20	8.46	8.32	8.39	8.48
A AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	37.9	37.7	38.2	37.6
A AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	248	248	260	220
A AQL Total Alkalinity	mg CaCO <sub>3</sub> /l	ALM 01	156	167	157	153
A AQL Chloride (Cl)	mg/l	ALM 02	13.1	13.4	13.6	13.6
A AQL Sulphate (SO <sub>4</sub> )	mg/l	ALM 03	15.9	16.2	16.2	16.4
A AQL Nitrate (NO <sub>3</sub> ) as N	mg/l	ALM 06	0.277	0.195	<0.194	<0.194
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.277	0.195	<0.194	<0.194
A AQL Ammonium (NH <sub>4</sub> ) as N	mg/l	ALM 05	0.022	0.023	0.038	0.019
A AQL Fluoride (F)	mg/l	ALM 08	0.365	<0.263	<0.263	0.282
A AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	26.2	26.2	26.3	26.3
A AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	16.7	16.9	16.9	16.8
A AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	23.8	23.7	23.9	23.8
A AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	6.92	6.83	6.85	6.97
A AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.033	0.036	0.031	0.052
A AQL Turbidity	NTU	ALM 21	0.490	0.360	1.17	0.793
A AQL True Colour	mg/l Pt-Co	ALM 22	<5.00	<5.00	<5.00	<5.00
A AQL Langelier Saturation Index	LSI	ALM 26	0.16	0.04	0.09	0.17

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