

**Test Report**

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**Client:** Moqhaka Local Municipality  
**Address:** Moqhaka Municipality, Hill Street, Kroonstad  
**Report no:** 248836  
**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:	414091	414092	414093	414094	414095	414096		
<b>Date sampled:</b>	19-Jan-26	19-Jan-26	19-Jan-26	19-Jan-26	19-Jan-26	19-Jan-26		
<b>Aquatico sampled:</b>	Yes	Yes	Yes	Yes	Yes	Yes		
<b>Sample type:</b>	Water	Water	Water	Water	Water	Water		
<b>Locality description:</b>	Steynsrus WTW Raw	Steynsrus WTW Final	Steynsrus Fouche Reservoir	Steynsrus Municipal Offices	Steynsrus Matlwangtlwang Res	Steynsrus Mantlwang Communal Tap		
<b>Analyses</b>	<b>Unit</b>	<b>Method</b>						
A AQL pH @ 25°C	pH	ALM 20	8.37	8.42	8.48	8.46	8.45	8.48
A AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	34.3	35.3	35.0	34.8	35.0	35.1
A AQL Total dissolved solids (TDS)	mg/l	ALM 26	200	207	206	204	206	200
A AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	250	222	234	246	206	216
A AQL Total Alkalinity	mg CaCO <sub>3</sub> /l	ALM 01	157	159	158	155	156	153
A AQL Chloride (Cl)	mg/l	ALM 02	11.5	15.6	15.4	14.9	15.5	13.9
A AQL Sulphate (SO <sub>4</sub> )	mg/l	ALM 03	18.0	17.4	17.3	17.3	17.3	17.3
A AQL Nitrate (NO <sub>3</sub> ) as N	mg/l	ALM 06	0.264	0.310	0.344	0.367	0.330	0.302
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.264	0.310	0.344	0.367	0.330	0.302
A AQL Ammonium (NH <sub>4</sub> ) as N	mg/l	ALM 05	0.262	0.077	0.039	0.030	0.016	0.065
A AQL Fluoride (F)	mg/l	ALM 08	<0.263	<0.263	0.361	<0.263	<0.263	0.323
A AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	26.2	27.5	27.5	27.4	27.7	27.2
A AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	17.0	16.9	17.2	17.2	17.3	16.8
A AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	23.0	23.8	23.5	23.4	23.7	23.5
A AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	6.95	7.04	7.10	7.13	7.09	6.98
A AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.130	0.041	0.050	0.066	0.055	0.046
A AQL Turbidity	NTU	ALM 21	12.9	0.942	0.478	1.80	1.11	0.599
A AQL True Colour	mg/l Pt-Co	ALM 22	39.0	7.00	<5.00	<5.00	<5.00	<5.00
A AQL Langelier Saturation Index	LSI	ALM 26	0.00	0.08	0.14	0.11	0.11	0.12

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

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 Technical Signatory

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