

**Test Report**

Page 1 of 1

**Client:** Moqhaka Local Municipality  
**Address:** Moqhaka Municipality, Hill Street, Kroonstad  
**Report no:** 252360  
**Project:** Moqhaka Municipality

**Date of report:** 25 February 2026  
**Date accepted:** 18 February 2026  
**Date completed:** 25 February 2026  
**Date received:** 18 February 2026

Lab no:				429635	429636
Date sampled:				16-Feb-26	16-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	8.37	8.44
A	AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	36.4	37.0
A	AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	236	222
A	AQL Total Alkalinity	mg CaCO <sub>3</sub> /l	ALM 01	145	150
A	AQL Chloride (Cl)	mg/l	ALM 02	15.0	17.1
A	AQL Sulphate (SO <sub>4</sub> )	mg/l	ALM 03	16.3	16.1
A	AQL Nitrate (NO <sub>3</sub> ) as N	mg/l	ALM 06	0.258	0.322
A	AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.258	0.322
A	AQL Ammonium (NH <sub>4</sub> ) as N	mg/l	ALM 05	0.052	0.016
A	AQL Fluoride (F)	mg/l	ALM 08	0.812	0.635
A	AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	25.4	25.8
A	AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	16.2	16.1
A	AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	22.5	22.5
A	AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	6.69	6.66
A	AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.029	0.017
A	AQL Turbidity	NTU	ALM 21	7.67	4.24
A	AQL True Colour	mg/l Pt-Co	ALM 22	15.0	7.00
A	AQL Langelier Saturation Index	LSI	ALM 26	-0.02	0.06

A: Accredited N: Not accredited Sub: Sub-contracted NR: Not requested RTF: Results to follow NATD: Not able to determine ND: Not Detected  
 ATR: Alternative Test Report; Results relate only to the items sampled and tested; Results reported against the limit of detection; Results marked as "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  
 AQL 28 Karee ave, Kathu, Northern Cape, South Africa

Tel: +27 12 450 3800  
 Tel: +27 53 880 0208

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

## Test Report

Page 1 of 1

**Client:** Moqhaka Local Municipality  
**Address:** Moqhaka Municipality, Hill Street, Kroonstad  
**Report no:** 252363  
**Project:** Moqhaka Municipality

**Date of report:** 25 February 2026  
**Date accepted:** 18 February 2026  
**Date completed:** 25 February 2026  
**Date received:** 18 February 2026

Lab no:					429650	429651	429652	429653
<b>Date sampled:</b>					16-Feb-26	16-Feb-26	16-Feb-26	16-Feb-26
<b>Aquatico sampled:</b>					Yes	Yes	Yes	Yes
<b>Sample type:</b>					Water	Water	Water	Water
<b>Locality description:</b>					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	8.39	8.40	8.44	8.43	
A	AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	37.1	37.2	36.9	37.1	
A	AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	228	230	206	244	
A	AQL Total Alkalinity	mg CaCO <sub>3</sub> /l	ALM 01	162	153	158	167	
A	AQL Chloride (Cl)	mg/l	ALM 02	18.0	18.1	17.8	17.8	
A	AQL Sulphate (SO <sub>4</sub> )	mg/l	ALM 03	16.0	15.9	15.6	15.7	
A	AQL Nitrate (NO <sub>3</sub> ) as N	mg/l	ALM 06	0.315	0.290	0.254	0.335	
A	AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.315	0.290	0.254	0.335	
A	AQL Ammonium (NH <sub>4</sub> ) as N	mg/l	ALM 05	0.026	0.036	0.063	0.099	
A	AQL Fluoride (F)	mg/l	ALM 08	0.426	0.321	0.645	0.433	
A	AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	29.5	29.6	29.5	29.5	
A	AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	18.6	18.8	18.4	18.7	
A	AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	26.0	25.8	25.9	25.9	
A	AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	7.31	7.34	7.33	7.34	
A	AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.022	0.024	0.032	0.020	
A	AQL Turbidity	NTU	ALM 21	3.40	0.364	0.797	0.686	
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	0.10	0.09	0.16	0.17	

A: Accredited N: Not accredited Sub: Sub-contracted NR: Not requested RTF: Results to follow NATD: Not able to determine ND: Not Detected  
 ATR: Alternative Test Report; Results relate only to the items sampled and tested; Results reported against the limit of detection; Results marked as "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