

Test Report

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Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 253119
Project: Moqhaka Municipality

Date of report: 03 March 2026
Date accepted: 25 February 2026
Date completed: 03 March 2026
Date received: 25 February 2026

Lab no:	433186	433187	433188	433189	433190		
Date sampled:	24-Feb-26	24-Feb-26	24-Feb-26	24-Feb-26	24-Feb-26		
Aquatico sampled:	Yes	Yes	Yes	Yes	Yes		
Sample type:	Water	Water	Water	Water	Water		
Locality description:	Viljoenskroon Municipal Offices	Viljoenskroon WTW Raw	Viljoenskroon WTW Final	Viljoenskroon Community Hall	Viljoenskroon Renyakaletsi Pump Station		
Analyses	Unit	Method					
A AQL pH @ 25°C	pH	ALM 20	8.40	8.41	8.37	8.38	8.39
A AQL Electrical conductivity (EC) @ 25°C	mS/m	ALM 20	45.3	44.6	44.9	45.0	45.3
A AQL Total Dissolved solids @ 180°C	mg/l	ALM 24	314	290	302	356	336
A AQL Total Alkalinity	mg CaCO ₃ /l	ALM 01	146	151	147	148	147
A AQL Chloride (Cl)	mg/l	ALM 02	32.2	28.0	33.1	32.2	33.0
A AQL Sulphate (SO ₄)	mg/l	ALM 03	32.4	32.4	31.6	32.2	32.5
A AQL Nitrate (NO ₃) as N	mg/l	ALM 06	0.350	0.367	0.398	0.374	0.406
A AQL Total oxidised nitrogen as N	mg/l	ALM 06	0.350	0.367	0.398	0.374	0.406
A AQL Ammonium (NH ₄) as N	mg/l	ALM 05	0.038	0.072	0.059	0.046	0.045
A AQL Fluoride (F)	mg/l	ALM 08	<0.263	<0.263	<0.263	<0.263	<0.263
A AQL Acid Soluble Calcium (Ca)	mg/l	ALMA 30	34.5	34.8	34.0	33.7	33.6
A AQL Acid Soluble Magnesium (Mg)	mg/l	ALMA 30	17.8	17.8	17.4	17.3	17.1
A AQL Acid Soluble Sodium (Na)	mg/l	ALMA 30	30.7	31.1	30.6	30.4	30.8
A AQL Acid Soluble Potassium (K)	mg/l	ALMA 30	5.50	5.42	5.31	5.33	5.38
A AQL Acid Soluble Aluminium (Al)	mg/l	ALMA 31	0.013	0.162	<0.003	<0.003	<0.003
A AQL Turbidity	NTU	ALM 21	0.303	34.6	0.396	0.385	0.323
A AQL True Colour	mg/l Pt-Co	ALM 22	<5.00	15.0	8.00	5.00	<5.00
A AQL Langelier Saturation Index	LSI	ALM 26	0.11	0.15	0.09	0.09	0.10

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

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