

Test Report

Page 1 of 1

Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 255655
Project: Moqhaka Municipality

Date of report: 26 March 2026
Date accepted: 18 March 2026
Date completed: 25 March 2026
Date received: 18 March 2026

| Lab no: | | | | 445439 | 445440 |
|---|-------------------------|---------|--------|----------------------|------------------------|
| Date sampled: | | | | 16-Mar-26 | 16-Mar-26 |
| Aquatico sampled: | | | | Yes | Yes |
| Sample type: | | | | Water | Water |
| Locality description: | | | | Kroonstad WTW Raw | Kroonstad WTW Final |
| Analyses | Unit | Method | | | |
| A AQL pH @ 25°C | pH | ALM 20 | 7.45 | 7.35 | |
| A AQL Electrical conductivity (EC) @ 25°C | mS/m | ALM 20 | 15.0 | 16.1 | |
| A AQL Total Dissolved solids @ 180°C | mg/l | ALM 24 | 98 | 110 | |
| A AQL Total Alkalinity | mg CaCO ₃ /l | ALM 01 | 59.6 | 46.2 | |
| A AQL Chloride (Cl) | mg/l | ALM 02 | 7.82 | 15.8 | |
| A AQL Sulphate (SO ₄) | mg/l | ALM 03 | 10.9 | 11.1 | |
| A AQL Nitrate (NO ₃) as N | mg/l | ALM 06 | 0.346 | 0.427 | |
| A AQL Total oxidised nitrogen as N | mg/l | ALM 06 | 0.346 | 0.427 | |
| A AQL Ammonium (NH ₄) as N | mg/l | ALM 05 | 0.082 | 0.051 | |
| A AQL Fluoride (F) | mg/l | ALM 08 | <0.263 | <0.263 | |
| A AQL Acid Soluble Calcium (Ca) | mg/l | ALMA 30 | 9.99 | 11.4 | |
| A AQL Acid Soluble Magnesium (Mg) | mg/l | ALMA 30 | 5.50 | 5.16 | |
| A AQL Acid Soluble Sodium (Na) | mg/l | ALMA 30 | 11.6 | 12.1 | |
| A AQL Acid Soluble Potassium (K) | mg/l | ALMA 30 | 8.06 | 7.93 | |
| A AQL Acid Soluble Aluminium (Al) | mg/l | ALMA 31 | 1.26 | 0.041 | |
| A AQL Turbidity | NTU | ALM 21 | 149 | 1.98 | |
| A AQL True Colour | mg/l Pt-Co | ALM 22 | 50.0 | 18.0 | |
| A AQL Langelier Saturation Index | LSI | ALM 26 | -1.71 | -1.86 | |

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
 AQB

 89 Regency Drive, R21 Corporate Park, Centurion, South Africa
 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 2 of 2

Client: Moqhaka Local Municipality
Address: Moqhaka Municipality, Hill Street, Kroonstad
Report no: 255649
Project: Moqhaka Municipality

Date of report: 27 March 2026
Date accepted: 18 March 2026
Date completed: 26 March 2026
Date received: 18 March 2026

| Lab no: | | | | | 445422 | 445423 | 445424 | |
|-----------------------|-----|-------------------------------------|--|-------------------------|-----------------------------------|----------------------------------|--------------------------------|--------|
| Date sampled: | | | | | 17-Mar-26 | 17-Mar-26 | 16-Mar-26 | |
| Aquatico sampled: | | | | | Yes | Yes | Yes | |
| Sample type: | | | | | Water | Water | Water | |
| Locality description: | | | | | Kroonstad Selsoville Clinic | Kroonstad Bhopelong Clinic | Kroonstad Moqhaka clinic | |
| Analyses | | | | Unit | Method | | | |
| A | AQL | pH @ 25°C | | pH | ALM 20 | 7.55 | 7.40 | 7.44 |
| A | AQL | Electrical conductivity (EC) @ 25°C | | mS/m | ALM 20 | 17.0 | 16.9 | 18.4 |
| A | AQL | Total Dissolved solids @ 180°C | | mg/l | ALM 24 | 102 | 166 | 142 |
| A | AQL | Total Alkalinity | | mg CaCO ₃ /l | ALM 01 | 44.9 | 47.7 | 56.4 |
| A | AQL | Chloride (Cl) | | mg/l | ALM 02 | 16.8 | 17.0 | 17.3 |
| A | AQL | Sulphate (SO ₄) | | mg/l | ALM 03 | 11.8 | 11.4 | 10.9 |
| A | AQL | Nitrate (NO ₃) as N | | mg/l | ALM 06 | 0.626 | 0.399 | 0.368 |
| A | AQL | Total oxidised nitrogen as N | | mg/l | ALM 06 | 0.626 | 0.399 | 0.368 |
| A | AQL | Ammonium (NH ₄) as N | | mg/l | ALM 05 | 0.055 | 0.051 | 0.040 |
| A | AQL | Fluoride (F) | | mg/l | ALM 08 | <0.263 | <0.263 | <0.263 |
| A | AQL | Acid Soluble Calcium (Ca) | | mg/l | ALMA 30 | 12.6 | 12.4 | 13.7 |
| A | AQL | Acid Soluble Magnesium (Mg) | | mg/l | ALMA 30 | 5.12 | 5.50 | 6.02 |
| A | AQL | Acid Soluble Sodium (Na) | | mg/l | ALMA 30 | 12.1 | 12.4 | 12.6 |
| A | AQL | Acid Soluble Potassium (K) | | mg/l | ALMA 30 | 7.73 | 7.92 | 7.44 |
| A | AQL | Acid Soluble Aluminium (Al) | | mg/l | ALMA 31 | 0.032 | 0.037 | 0.070 |
| A | AQL | Turbidity | | NTU | ALM 21 | 1.04 | 1.72 | 5.47 |
| A | AQL | True Colour | | mg/l Pt-Co | ALM 22 | 6.00 | 6.00 | <5.00 |
| A | AQL | Langelier Saturation Index | | LSI | ALM 26 | -1.63 | -1.78 | -1.62 |

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

Authenticated signature on first page

 AQL
 AQL

 89 Regency Drive R21 Corporate Park, Centurion, South Africa
 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

