WATER CHECK
WATER QUALITY CONSULTANTS & ANALYSIS

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Water Analysis Report Write Up

Report no: [redacted]

Prepared for: [redacted]
Reference: [redacted]
Prepared by: Water Check, Michelle Wium
Date: 28 September 2026

01 Review of results

X NOT COMPLIANT:

The water sample submitted was compared to the SANS 241 Drinking standard. All parameters outside the recommended range set out by SABS for safe drinking water are listed below.

	Parameter	Risk	Standard limit (SANS241)	Results
Microbiological	**E.coli**	Acute Health	ND	ND
	Heterotrophic Plate Count	Operational	≤ 1000	48000
	Total Coliforms	Operational	≤ 10	ND
Physico-Chemical	**Conductivity - EC**	Aesthetic	≤ 170	52.5
	pH	Operational	≥5.0 to 9.7 ≤	7.46
	Turbidity - NTU	Operational	≤ 1	0.19
	True colour	Operational	≤ 15	<15
Macro Parameters	**Ammonia (NH3)**	Aesthetic	≤ 1.5	<0.3
	Chloride (Cl)	Aesthetic	≤ 250	28.37
	Flouride (F)	Chronic health	≤ 1.5	0.5
	Nitrate as N (NO3)	Acute Health	≤ 11	9.48
	Nitrite as N (NO2)	Acute Health	≤ 0.9	<0.05
	Sodium (Na) - Dissolved	Aesthetic	≤ 200	15
	Sulfate (SO4)	Aesthetic	≤ 250	24.38
	Zinc (Zn) - Total	Aesthetic	≤ 3	2.86