



LEPHALALE
MUNICIPALITY

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POTABLE WATER QUALITY RESULTS IN LEPHALALE

In terms of section 68 of the Water Services Act (Act 108 of 1997), the WSA is obliged to ensure that the quality of potable water supplied to consumers complies with the criteria as specified in SANS 241. The bulk water sources and pipes, storage facilities and network distribution pipes must be maintained to render sustainable water services to affected communities, thereby monitoring the quality of potable water monthly through sampling and analysis to conform with the requirements of the blue drop program for best practices. It is within the Lephalale Local Municipality's mandate as the WSA to publish the drinking water analysis results for awareness creation to the affected communities and to serve public views and interest.

The systems affected here are: Zeeland Water Treatment Works to Lephalale Municipality's Distribution & Reticulation Network (Serving Onverwacht and Town Communities) and Matimba Water Treatment Works to Lephalale Municipality's Network (Serving Marapong Community).


Listed below are the Lephalale Local Municipality's Drinking Water Quality Results as sampled as follows:

- 19th of April 2022.

DETERMINANTS	RESULTS (RANGE)	SANS 241: 2015 (Standard Limits for Potable Water)
pH – Value at 25°C	7.106 – 8.440	≥ 5 to ≤ 9.7
Free Residual Chlorine as Cl ₂	0.1 – 0.2	≤ 5
Total Coliform Bacteria / 100 mℓ	<1	≤ 10
Faecal Coliform Bacteria / 100 mℓ	<1	Not detected
E. Coli / 100 mℓ	<1	Not detected
Heterotrophic Plate Count / mℓ	<1 – >1 000	≤ 1 000

The above results, confirm that Lephalale Municipality's potable water is safe for human consumption and is classified as class 1 water which is excellent class in most determinants. Only few determinants are classified as class 2 which is also a good class.

This simply means that you can drink water directly from the tap without having to boil it or do anything in order to purify it further.


MM Cocquyt

Municipal Manager