

CERTIFICATE OF MICROBIOLOGICAL ANALYSIS TEST REPORT

Sample From: **Nkangala District Municipality** Address: **Posbus 437**
Municipal Health Services **Walter Sisulu**
Emakhazeni Town Council **Middelburg**
1050

Date Received: **30-May-17**

Date Analyzed: **30-May-17**

Date Reported: **1-Jun-17**

Quantity Analyzed: **6**

Ref No: **E 1635 - 1640 / 17 B**

LAB NO	MH	SAMPLE NAME	STERILIZED BOTTLE		STANDARD LIMITS				
					≤ 10	Nil	Nil	≤ 1000	
					TOTAL COLIFORM BACTERIA PER / 100ML	FAECAL COLIFORM PER / 100 ML	ESCHERISCHIA COLIFORM PER 100 ML	HETEROTROPHIC PLATE COUNT PER 1.0 ML	
			YES	NO		A / B			
E 1635	16/5/17	Stand 1488	X		Nil	B	Nil	Nil	22
E 1636	18/5/17	Nissan Highway Garage	X		Nil	B	Nil	Nil	13
E 1637	19/5/17	Speelgoed Creche'	X		Nil	B	Nil	Nil	11
					A- SANAS 5221 OR B - COLILERT		SANS 5221	COLILERT	SANS 5221

S.A.N.S. 241-1:2015 Ed 2 MICROBIOLOGICAL REQUIREMENTS Allowable compliance for *DRINKING WATER*

Determinant	Risk	Unit	Standard limits
Escherichia Coliform / or Faecal Coliform bacteria	Acute Health - 1	Count per 100 ml	Not Detected
Heterotrophic Plate Count	Operational	Count per 1 ml	≤ 1 000
Total Coliform Bacteria	Operational	Count per 100 ml	≤ 10

Results exceeding alert levels will require immediate remedial action and follow-up sampling.

EFFLUENT WATER

Regional Standard (Department Water Affairs and Forestry) of 26 March 2004 No.399 for Waste water specifies : Waste water or Effluent shall **not** contain more than 1000 Faecal Coliform per 100 ml.

These results relate only to samples tested.

Opinions and interpretations expressed herein are outside the scope of SANAS accreditation.

- Samples highlighted in grey are not within the limits as specified.

REMARKS:

- a.) These samples fulfill the bacteriological criteria as specified by SANS 241 Standard for Human Consumption.



P.L.G UYS (M.D.)

Technical Signatory

SANS
241-1
Edition 2
2015

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LAB NO	WB	SAMPLE NAME	STERILIZED BOTTLE		STANDARD LIMITS				
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			YES	NO	A / B				
E 1638	11/5/17	Khayalami Service Centre	X		200	B	20	16	166
E 1639	12/5/17	Vulingcondo Stimulation Centre	X		Nil	B	Nil	Nil	17
E 1640	14/5/17	Technical Service Centre	X		>200	B	18	9	169
					A- SANAS 5221 OR B - COLILERT		SANS 5221	COLILERT	SANS 5221

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REMARKS:

- a.) These samples KHAYALAMI SERVICE CENTRE and TECHNICAL SERVICE CENTRE contain all types of bacteria. These bacteria are pathogenic (disease forming) in nature. DO NOT use this water for Human Consumption.


P.L.G UYS (M.D.)
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