

CERTIFICATE OF MICROBIOLOGICAL ANALYSIS TEST REPORT

Sample From:

Nkangala District Municipality
Municipal Health Services
Emakhazeni Town Council

Address: Posbus 437

Walter Sisulu
Middelburg
1050

Date Received:

16-Aug-17

Date Analyzed:

16-Aug-17

Date Reported:

19-Aug-17

Quantity Analyzed:

6

Ref No:

H 910 - 915 / 17 B

LAB NO		SAMPLE NAME	STERILIZED BOTTLE		STANDARD LIMITS				
					≤ 10		Nil	Nil	≤ 1000
					TOTAL COLIFORM BACTERIA PER / 100ML	A / B	FAECAL COLIFORM PER / 100 ML	ESCHERISCHIA COLIFORM PER 100 ML	HETEROTROPHIC PLATE COUNT PER 1.0 ML
	BF	BELFAST	YES	NO					
H 910	26/8/17	Belfast Waterworks Final	X		Nil	B	Nil	Nil	51
H 911	28/8/17	Belfast Old Reservoir	X		Nil	B	Nil	Nil	43
H 912	29/8/17	Belfast New Reservoir	X		Nil	B	Nil	Nil	60
H 913	33/8/17	HA Grove Hospital	X		Nil	B	Nil	Nil	150
H 914	34/8/17	Bottom End Liquor Store	X		Nil	B	Nil	Nil	228
H 915	35/8/17	Belfast Old Age Home	X		Nil	B	Nil	Nil	82
					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

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