

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: 21-Jun-17

Date Analyzed: 21-Jun-17

Date Reported: 23-Jun-17

Quantity Analyzed: 16

Ref No: F 1146 - 1161 / 17 B

LAB NO	DS	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
		Dullstroom	YES	NO					
F 1146	10/06/17	Sakhelwe Clinic	x		Nil	B	Nil	Nil	20
F 1147	11/6/17	Cosmos General Dealer	x		Nil	B	Nil	Nil	46
F 1148	12/6/17	Sakhelwe Community Creche'	x		Nil	B	Nil	Nil	33
F 1149	13/6/17	La Bomba Centre	x		Nil	B	Nil	Nil	40
F 1150	14/6/17	Municipal Offices	x		Nil	B	Nil	Nil	17
F 1151	15/6/17	SA Epilepsy Centre	x		Nil	B	Nil	Nil	14
F 1152	20/6/17	Sakhelwe Reservoir	x		Nil	B	Nil	Nil	27
F 1153	20/6/17	Dullstroom Reservoir	x		Nil	B	Nil	Nil	25
					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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			YES	NO	A / B				
F 1154	15/6/17	TPA Offices	X		Nil	B	Nil	Nil	40
F 1155	18/6/17	Highway Nissan Garage	X		Nil	B	Nil	Nil	31
F 1156	19/6/17	Speelgoed Creche'	X		Nil	B	Nil	Nil	13
F 1157	34/6/17	Cement Reservoir	X		Nil	B	Nil	Nil	30
F 1158	35/6/17	Steeltank	X		Nil	B	Nil	Nil	20
F 1159	27/6/17	Emthonjeni Sewerworks Final	X		-	B	Nil	-	-
					A- SANAS 5221 OR B - COLILERT		SANS 5221	COLILERT	SANS 5221

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					A / B				
F 1160	12/6/17	Vulingcondo Stimulation Centre	X		Nil	B	Nil	Nil	35
F 1161	14/6/17	Technical Workshop	X		Nil	B	Nil	Nil	31
					A- SANAS 5221 OR B - COLILERT	SANS 5221	COLILERT	SANS 5221	

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