



CK. 89/14418/23
REGEN WATERS
 LABORATORY • LABORATORIUM

4 Woltemade Street
 P.O. Box 8328
 WITBANK 1035
 Tel.: 013-690-1487
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**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:

14-Nov-17

Date Analyzed:

14-Nov-17

Date Reported:

16-Nov-17

Quantity Analyzed:

20

Ref No:

K 834 - 853 / 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
K 834	10/11/17	Sakhelwe Clinic	X		1	B	Nil	Nil	281
K 835	11/11/17	Cosmos General Dealer	X		Nil	A	Nil	Nil	78
K 836	12/11/17	Sakhelwe Community Creche'	X		Nil	B	Nil	Nil	53
K 837	14/11/17	Municipal Offices	X		Nil	B	Nil	Nil	27
K 838	15/11/17	SA Epilepsy	X		Nil	B	Nil	Nil	28
					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				
K 839	14/11/17	Emthonjeni Clinic	X		Nil	B	Nil	Nil	25
K 840	15/11/17	TPA Offices	X		Nil	B	Nil	Nil	26
K 841	16/11/17	Stand 1483	X		Nil	B	Nil	Nil	14
K 842	17/11/17	Machado Clinic	X		Nil	B	Nil	Nil	23
K 843	18/11/17	Highway Nissan Garage	X		Nil	B	Nil	Nil	41
K 844	19/11/17	Speelgoed Creche'	X		Nil	B	Nil	Nil	37
K 845	32/11/17	Leeuwspruit before sewerworks	X		>2420	B	650	411	601
K 846	34/11/17	Leeuwspruit after sewerworks	X		>2420	B	TNTC	>2420	1889
K 847	36/11/17	Emthonjeni Sewerworks Final	X		-	B	>1000	-	-
					A- SANAS 5221 OR B - COLILERT		SANS 5221	COLILERT	SANS 5221

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			YES	NO					
		WATERVALBOVEN							
K 277	10/11/17	Stand P118 (602)	X		Nil	B	Nil	Nil	42
K 278	11 11 17	Khayalami Service Centre	X		Nil	B	Nil	Nil	63
K 279	12 11 17	Vulingcondo Stimulation Centre	X		Nil	B	Nil	Nil	45
K 280	13/11/17	Mississippi Resturant	X		Nil	B	Nil	Nil	79
K 281	14/11/17	Technical Workshop	X		Nil	B	Nil	Nil	68
K 282	15/11/17	Silverdays Old Age Home	X		Nil	B	Nil	Nil	52
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