

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:

21-Jul-17

Date Analyzed:

21-Jul-17

Date Reported:

23-Jul-17

Quantity Analyzed:

14

Ref No:

G 987 - 1000 / 17 B

LAB NO	DS	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				
G 987	17/17	Dullstroom Waterworks Inlet	x		205	B	Nil	Nil	114
G 988	3/7/17	Dullstroom Waterworks Final	x		Nil	B	Nil	Nil	9
G 989	8/7/17	Dullstroom Sewerworks Final	x		-	B	>1000	-	-
G 990	10/7/17	Sakhelwe Clinic	x		Nil	B	Nil	Nil	7
G 991	12/7/17	Sakhelwe Community Creche'	x		Nil	B	Nil	Nil	5
G 992	15/7/17	SA Epilepsy Centre	x		Nil	B	Nil	Nil	4
G 993	16/7/17	Sakhelwe Reservoir	x		Nil	B	Nil	Nil	4
G 994	18/7/17	Dullstroom Reservoir	x		Nil	B	Nil	Nil	7
					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:



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

Technical Signatory

SANS
241-1
Edition 2
2015

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						A / B			
G 995	1/7/17	Machado Waterworks Inlet	x		435	B	30	23	134
					A- SANAS 5221 OR B - COLILERT	SANS 5221	COLILERT	SANS 5221	

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			YES	NO	A / B				
G 996	1/7/17	Boven Waterworks Inlet	X		980	B	10	8	260
G 997	3/7/17	Boven Waterworks Final	X		Nil	B	Nil	Nil	7
G 998	8/7/17	Boven Sewerworks Final	X		-	B	Nil	Nil	-
G 999	10/7/17	Stand P119 (602)	X		Nil	B	Nil	Nil	39
G 1000	16/7/17 + 17/7/17	Boven Reservoir	X		Nil	B	Nil	Nil	10
					A- SANAS 5221 OR B - COLILERT		SANS 5221	COLILERT	SANS 5221

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