



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

4 Woltemade Street
 P.O. Box 8328
 WITBANK 1035
 Tel.: 013-690-1487
 Fax: 013-656-5050
 E-mail: regenlab@mweb.co.za

MICROBIOLOGICAL ANALYSIS TEST REPORT

Sample From:

Nkangala District Municipality
 Municipal Health Services
 Emakhazeni Town Council

Address: Posbus 437
 Walter Sisulu
 Middelburg
 1050

Date Received:

30-Jan-18

Date Analyzed:

30-Jan-18

Date Reported:

1-Feb-18

Quantity Analyzed:

9

Ref No: A 1632 - 1640 / 18 B

LAB REFID	LAB NO	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	
		DULLSTROOM	YES	NO		A / B			
D	A 1632	DS20/1/18: Dullstroom Waterworks Final	x		Nil	B	Nil	Nil	51
D	A 1633	DS21/1/18: Sakhelwe Reservoir	x		Nil	A	Nil	Nil	46
D	A 1634	DS22/1/18: Dullstroom Reservoir	x		Nil	B	Nil	Nil	186
D	A 1635	DS23/1/18: Sakhelwe Clinic	x		Nil	B	Nil	Nil	145
D	A 1636	DS 24/1/18: Cosmo General Dealer	x		Nil	B	Nil	Nil	70
D	A 1637	DS25/1/18: Sakhelwe Creche'	x		Nil	B	Nil	Nil	87
D	A 1638	DS26/1/18: La Bamba Centre	x		Nil	B	Nil	Nil	207
D	A 1639	DS27/1/18: Municipal Offices	x		Nil	B	Nil	Nil	59
D	A 1640	DS28/1/18: SA Epilepsy Centre	x		Nil	B	Nil	Nil	136
METHOD USED					A- SANAS 5221 OR B - COLILERT	SANS 5221	COLILERT	SANS 5221	

S.A.N.S. 241-1:2015 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.) Samples DS20/1/18: Dullstroom Waterworks Final, DS21/1/18: Sakhelwe Reservoir, DS22/1/18: Dullstroom Reservoir, DS23/1/18: Sakhelwe Clinic, DS 24/1/18: Cosmo General Dealer , DS25/1/18: Sakhelwe Creche', DS26/1/18: La Bamba Centre, DS27/1/18: Municipal Offices, DS28/1/18: SA Epilepsy Centre complies with the SANS 241:2015 microbiological drinking water standard for the tested parameters. The water is bacteriologically suitable for domestic use.

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

SANS
 241-1
 Edition 2
 2015