



# REGEN WATERS

LABORATORY • LABORATORIUM

CK. 89/14418/23

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## MICROBIOLOGICAL ANALYSIS TEST REPORT

Sample From: **KOMATI POWER STATION** Address: Private Bag BLINKPAN 2250  
Date Received: **8-Aug-14**  
Date Analyzed: **8-Aug-14**  
Date Reported: **10-Aug-14**  
Quantity Analyzed: **6** Ref No: **H 320 - 325 / 14 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		
		YES	NO							
H 320	koornfontein	x		Nil	A	-	Nil	8		
H 321	Municipality	x		Nil	A	-	Nil	2		
H 322	Police Station	x		Nil	A	-	Nil	Nil		
H 323	The Club	x		Nil	A	-	Nil	2		
H 324	H2O Plant	x		Nil	A	-	Nil	3		
H 325	Raw H2O	x		1733	A	-	8	336		
METHOD USED				A- SANAS 5221 OR B - COLILERT		SANS 5221	COLILERT	SANS 5221		

### S.A.N.S. 241-1:2011 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.

REMARKS:

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

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