

**CERTIFICATE OF MICROBIOLOGICAL ANALYSIS
TEST REPORT**

Sample From: **STEVE TSHWETE MUNICIPALITY** Address: P.O. Box 14
MIDDELBURG
1050

Date Received: **27-Sep-13**

Date Analyzed: **27-Sep-13**

Date Reported: **30-Sep-13** ATT: **Zelda Louw**

Quantity Analyzed: **4** Ref No: **K / 210 - 213 / 13 / B**

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	
		YES	NO	A / B				
K 210	Hendrina Potable Raw	x		Nil	A	Nil	Nil	Nil
K 211	Krugerdam WTP Raw	x		Nil	A	Nil	Nil	127
K 212	Presidentsrus WTP Raw	x		579	A	Nil	Nil	564
K 213	Vaalbank W/W Raw	x		16	A	Nil	Nil	399
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:

- a.) All of the above samples contain no pathogenic bacteria.



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

**SANS
241-1
Edition 1
2011**