

MICROBIOLOGICAL ANALYSIS TEST REPORT

Sample From: Steve Tshwete **Address:** P.O. Box 14
 MIDDELBURG
Date Received: 16-Nov-10 1050
Date Analyzed: 16-Nov-10
Date Reported: 18-Nov-10
Quantity Analyzed: 16

STERILIZED BOTTLE		SAMPLE NAME	TOTAL COLIFORM BACTERIA PER / 100ML	FAECAL COLIFORM PER / 100 ML	ESCHERISCHIA COLIFORM PER 100 ML	HETEROTROPHIC PLATE COUNT PER 1.0 ML
YES	NO					
X		Aerorand	Nil	Nil	-	12
X		Dennesig	70	Nil	-	20
X		Eastdene	Nil	Nil	-	39
X		Graspan Reservoir	Nil	Nil	-	17
X		Groenkol	Nil	Nil	-	101
X		Hendrina	Nil	Nil	-	Nil
X		Komati	Nil	Nil	-	8
X		Kranspoort	Nil	Nil	-	Nil
X		Kwazamokuhle	Nil	Nil	-	4
X		Loskop	Nil	Nil	-	1
X		Nasaret	Nil	Nil	-	36
METHOD USED			SANAS 5221 OR COLILERT	SANS 5221	COLILERT	SANS 5221

S.A.N.S. 241 MICROBIOLOGICAL REQUIREMENTS

Allowable compliance for *DRINKING WATER*

Determinant	Units	Allowable compliance
Escherichia Coliform / or Faecal Coliform bacteria	Count per 100 ml	NIL

Operational water Quality *ALERT* levels:

Determinant	Units	Alert level
Heterotrophic Plate Count	Count per 1 ml	5000
Total Coliform Bacteria	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 species: 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
MANAGER**

MICROBIOLOGICAL ANALYSIS TEST REPORT

Sample From: Steve Tshwete **Address:** P.O. Box 14
MIDDELBURG
1050

Date Received: 16-Nov-10

Date Analyzed: 16-Nov-10

Date Reported: 18-Nov-10

Quantity Analyzed: 12

STERILIZED BOTTLE		SAMPLE NAME	TOTAL COLIFORM BACTERIA PER / 100ML	FAECAL COLIFORM PER / 100 ML	ESCHERISCHIA COLIFORM PER 100 ML	HETEROTROPHIC PLATE COUNT PER 1.0 ML
YES	NO					
x		Bankfontein	5	-	Nil	312
x		Doornkop 1	70	-	Nil	201
x		Doornkop 2	Nil	-	Nil	36
x		Hendrina Pot WTP Final	Nil	-	Nil	17
x		Hendrina Pot WTP Raw	78	-	Nil	179
x		Mafube	4	-	Nil	295
METHOD USED			SANAS 5221 OR COLILERT	SANS 5221	COLILERT	SANS 5221

S.A.N.S. 241 MICROBIOLOGICAL REQUIREMENTS

Allowable compliance for *DRINKING WATER*

<i>Determinant</i>	<i>Units</i>	<i>Allowable compliance</i>
Escherichia Coliform / or Faecal Coliform bacteria	Count per 100 ml	NIL

Operational water Quality *ALERT* levels:

<i>Determinant</i>	<i>Units</i>	<i>Alert level</i>
Heterotrophic Plate Count	Count per 1 ml	5000
Total Coliform Bacteria	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
MANAGER**