

**BACTERIOLOGICAL ANALYSIS  
WATER SAMPLES**

SAMPLE FROM : Steve Tshwete Municipality  
TYPE OF SAMPLE : As Noted DATE : 5-Jan-10

Sampling Points	Total Coliform Bacteria per 100ml	Faecal Coliform per 100ml	Escherichia Coliform per 100 ml	Heterotrophic Plate Count per 1,0 ml
Doornkop 1 4/1/10	Nil	-	Nil	Nil
Doornkop 2 4/1/10	Nil	-	Nil	30
Eastdene	Nil	-	Nil	18
Graspan Reservoir 5/1/10	Nil	-	Nil	Nil
Hendrina WTP 5/1/10	Nil	-	Nil	Nil
Hendrina 4/1/10	Nil	-	Nil	13
Komati 4/1/10	1	-	Nil	77
Krugerdam WTP 4/1/10	Nil	-	Nil	15
Kwazamakuhle 4/1/10	Nil	-	Nil	14
Nasaret	Nil	-	Nil	18

\* IDEXX – Colilert Method  
S.A.N.S. Specification 241 for Domestic water, specifies

	Determinant	Counts of samples	Alert level
1.	Heterotrophic Plate Count	Count per 1 ml	5000
2.	Total Coliform Bacteria	Count per 100 ml	10
3.	Faecal Coliform Bacteria	Count per 100 ml	NIL
4.	Escherichia Coliform	Count per 100 ml	NIL

Regional Standards (Department Water Affairs and Forestry) of 26 March 2004 No.399 for Waste water specifies :

Waste water or Effluent shall not contains more than 1000 Faecal Coliform per 100 ml.

REMARKS :

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

**BACTERIOLOGICAL ANALYSIS  
WATER SAMPLES**

SAMPLE FROM : Steve Tshwete Municipality  
TYPE OF SAMPLE : As Noted DATE : 5-Jan-10

Sampling Points	Total Coliform Bacteria per 100ml	Faecal Coliform per 100ml	Escherichia Coliform per 100 ml	Heterotrophic Plate Count per 1,0 ml
Nasaret Reservoir 4/1/10	3	-	Nil	27
Presidentsrus WTP 4/1/10	Nil	-	Nil	30
Pullenshope 4/1/10	Nil	-	Nil	10
Rietkuil 4/1/10	Nil	-	Nil	Nil
Vaalbank WTP 4/1/10	Nil	-	Nil	8

\* IDEXX – Colilert Method  
S.A.N.S. Specification 241 for Domestic water, specifies

	Determinant	Counts of samples	Alert level
1.	Heterotrophic Plate Count	Count per 1 ml	5000
2.	Total Coliform Bacteria	Count per 100 ml	10
3.	Faecal Coliform Bacteria	Count per 100 ml	NIL
4.	Escherichia Coliform	Count per 100 ml	NIL

Regional Standards (Department Water Affairs and Forestry) of 26 March 2004 No.399 for Waste water specifies :

Waste water or Effluent shall not contains more than 1000 Faecal Coliform per 100 ml.

REMARKS :

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