

**NELSON MANDELA METROPOLITAN MUNICIPALITY  
INFRASTRUCTURE & ENGINEERING BUSINESS UNIT  
SUPPORT SERVICES  
SCIENTIFIC SERVICES  
CERTIFICATE OF ANALYSIS**

PARTICULARS OF SAMPLE: Treated Tap Water Samples for Bacteriological Analysis.

SUBMITTED BY : UV Mtyobo & S. Tshayina

DATE RECEIVED : 2013/07/03

DATE OF REPORT : 2013/07/04

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Ndlambe Municipality P.O. Box 13 Port Alfred 6170 (Fax: 046 604 2751)

Sample Identification	1 Alexandria	2 Kwa Nonqubela	3 Wintzel Park	4 Bathurst CBD	5 Bathurst Res.(treated)	6 Nolukhanyo	7 Bokness	8 Bushman's	9 Cannon Rocks	10 Endlovini	SANS (Potable)	SANS (Operational)
TOTAL Coliforms per 100 ml	0	0	0	0	0	0	0	0	0	0	N/S	≤ 10
E.coli per 100 ml	0	0	0	0	0	0	0	0	0	0	0	0
<p><b>Comment :</b>According to the new SANS 241:2011 Edition 1 for drinking water, Total coliform test is no longer a requirement for drinking water hence 'No Standard' (N/S) to compare results to, test done for information purposes only. However, for operational systems i.e Reservoirs and Waterworks, the standard applies as mentioned above. Sample results above comply based on E.coli test.</p>												
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ASSISTANT DIRECTOR SCIENTIFIC SERVICES: .....												

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ARTICULARS OF SAMPLE: Treated Tap Water Samples for Bacteriological Analysis.

SUBMITTED BY : Nkululeko Tshayina & Ms UV Mtyobo

DATE RECEIVED : 2013/07/03

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**ALL SAMPLES WERE ANALYSED ACCORDING TO APPROVED 'STANDARD METHODS'**

Sample Identification	11	12	13	14	15	16	17	18	19	SANS (Potable)	SANS (Operational)
	Nemato reservoir- treated	Station Hill	East Bank	West Bank	Kenton On Sea	Ekuphuml eni	Klipfontein	Marselle	Seafield		
TOTAL Coliforms per 100 ml	0	0	0	0	0	1	0	0	0	N/S	≤ 10
E.coli per 100 ml	0	0	0	0	0	0	0	0	0	0	0

Comment: According to the new SANS 241:2011 Edition 1 for drinking water, all samples comply based on the E.coli test.

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PARTICULARS OF SAMPLE: Untreated Tap Water Samples for Bacteriological Analysis.

SUBMITTED BY : Nkululeko Tshayina & Ms UV Mtyobo

DATE RECEIVED : 2013/07/03

DATE OF REPORT : 2013/07/04

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**ALL SAMPLES WERE ANALYSED ACCORDING TO APPROVED**

Sample #	20	21
Sample Identification	Bathurst reservoir- untreated	Nemato reservoir- untreated
TOTAL Coliforms per 100 ml	10	780
E.coli per 100 ml	<10	<10
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<p>ASSISTANT DIRECTOR SCIENTIFIC SERVICES:            .....</p>		