



WATERLAB (Pty) Ltd

Reg. No.: 1983/009165/07 V.A.T. No.: 4130107891

Building D
The Woods
41 De Havilland Crescent
Persekor Techno Park
Meiring Naudé Drive
Pretoria

P.O. Box 283
Persekor Park, 0020
Tel: +2712 – 349 – 1066
Fax: +2712 – 349 – 2064
e-mail: admin@waterlab.co.za



SANAS Accredited Testing Laboratory
No. T0391

CERTIFICATE OF ANALYSES GENERAL WATER QUALITY PARAMETERS

Date received: 2014 - 07 - 09

Date completed: 2014 - 07 - 15

Project number: 1000

Report number: 46915

Order number:

Client name: Ngaka Modiri Molema District Municipality

Contact person: Ms. P. Mosweusweu

Address: Cnr. Carrington and 1st Str Industrial Sites
Mafikeng 2745

e-mail: phemelom2@gmail.com

e-mail: municipalmanager@nmmdm.gov.za

e-mail: bokisit@nmmdm.gov.za

Telephone: 018 392 1816

Mobile: 078 416 5029

Mobile: 072 727 9172

Analyses in mg/ℓ (Unless specified otherwise)	Risk	Method Identification	Sample Identification:				SANS 241:2011 (Standard Limits for Potable Water)
			Pump Station Tap	B/H Next to Road	Sannieshof Traffic Department	Agisanang Township Soccer Field	
Sample Number			10699	10700	10701	10702	
pH – Value at 25°C	Operational	WLAB001	8.0	8.1	8.3	7.9	≥ 5 to ≤ 9.7
Electrical Conductivity in mS/m at 25°C	Aesthetic	WLAB002	88.8	52.0	89.2	90.6	≤ 170
Total Dissolved Solids at 180°C *	Aesthetic	WLAB027	520	310	538	550	≤ 1 200
Total Alkalinity as CaCO ₃	---	WLAB007	340	252	312	316	---
Chloride as Cl	Aesthetic	WLAB046	83	15	75	75	≤ 300
Sulphate as SO ₄	Acute health-1 Aesthetic	WLAB046	20	13	38	38	≤ 500 ≤ 250
Fluoride as F	Chronic health	WLAB014	0.2	<0.2	<0.2	<0.2	≤ 1.5
Nitrate as N	Acute health-1	WLAB046	4.4	3.8	14↓	13↓	≤ 11
Nitrite as N	Acute health-1	WLAB046	<0.1	<0.1	<0.1	<0.1	≤ 0.9
Total Phosphate as P *	---	WLAB031	<0.2	0.2	0.2	0.2	---
Ortho Phosphate as P	---	WLAB046	<0.2	<0.2	<0.2	<0.2	---
Total Coliform Bacteria / 100 ml *	Operational	WLAB021	0	0	0	0	≤ 10
E. Coli / 100 ml *	Acute health-1	WLAB021	0	0	0	0	Not detected
Iron as Fe (in µg/l)	Chronic health Aesthetic	WLAB015	<25	54	<25	30	≤ 2 000 ≤ 300
Manganese as Mn (in µg/l)	Chronic health Aesthetic	WLAB015	<25	<25	<25	<25	≤ 500 ≤ 100

* = Not SANAS Accredited

Tests marked "Not SANAS Accredited" in this report are not included in the SANAS Schedule of Accreditation for this Laboratory.

E. Nkabinde

Technical Signatory

The information contained in this report is relevant only to the sample/samples supplied to WATERLAB (Pty) Ltd. Any further use of the above information is not the responsibility of WATERLAB (Pty) Ltd. Except for the full report, part of this report may not be reproduced without written approval of WATERLAB (Pty) Ltd.