



## SCIENTIFIC SERVICES

PO Box 31, Stilfontein, 2550 ♦ Farm Buffelsfontein 443 IP, District Klerksdorp  
 Tel: 018 482 9500 ♦ Fax: 086 698 4740  
 lab@midvaalwater.co.za ♦ www.midvaalwater.co.za

### TEST REPORT

**Submitter:** Real Time Investments 343 cc      **Sample type:** Water sample  
 PO Box 1516      **Date Received:** 2015-03-16  
 9745 Ladybrand      **Debit Number:**  
**Sampler:** Client      **Certificate Number:** 2015-14861

#### Analyses Results

Sample number			14861
Sample date			2015-03-16
Identification on container			Expires 07/03/16
Determinand	Unit	Method Number	
<b>Physical, Aesthetic and Calculated Determinands</b>			
Electrical Conductivity	mS/m	WL2	6.9
Hardness Calcium**	mg/L CaCO <sub>3</sub>		<5
Hardness Magnesium**	mg/L CaCO <sub>3</sub>		<8
Hardness Total**	mg/L CaCO <sub>3</sub>		<13
pH	pH units	WL1	7.16
Total Dissolved Solids at 180°C	mg/L	WL6	58
<b>Chemical - Macro Determinands</b>			
Calcium Dissolved	mg/L Ca	ICP1	<2
Chloride	mg/L Cl-	GL 7-5	<5
Fluoride	mg/L F-	GL 4	<0.5
Magnesium Dissolved	mg/L Mg	ICP1	<2
Nitrate	mg/L N	GL 7-2	2.0
Orthophosphate**	mg/L P	CFA - 1B	<0.05
Potassium Dissolved	mg/L K	ICP1	<2
Sodium Dissolved	mg/L Na	ICP1	9.5
Sulphate	mg/L SO <sub>4</sub>	GL 7-4	<5.0
Zinc Dissolved	mg/L Zn	ICP1	0.02

Chemical analyses commenced on 2015-03-17 and completed on 2015-03-30.

Microbiological analyses commenced on 2015-03-16 and completed on 2015-03-19.

If a test is marked \*\* in this report it is not included in the SANAS Schedule of Accreditation for this laboratory.

J W D Pietersen: (All methods)

Date of issue: 2015-04-08

This test report is only valid if signed by technical signatories. Refer to Schedule of Accreditation.

This report relates only to the samples supplied to Midvaal Water Company Scientific Services.

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SS025 Ver:011 Implementation date: 2014-11-17

Sample number			14861
Sample date			2015-03-16
Identification on container			Expires 07/03/16
Determinand	Unit	Method Number	
<b>Chemical - Micro Determinands</b>			
Aluminium Dissolved	mg/L Al	ICP1	<0.01
Barium Dissolved	mg/L Ba	ICP1	0.14
Boron Dissolved	mg/L B	ICP1	<0.10
Cadmium Dissolved	mg/L Cd	ICP1	<0.005
Chromium Dissolved	mg/L Cr	ICP1	<0.01
Copper Dissolved	mg/L Cu	ICP1	<0.01
Iron Dissolved	mg/L Fe	ICP1	<0.10
Lead Dissolved	mg/L Pb	ICP1	<0.01
Manganese Dissolved	mg/L Mn	ICP1	<0.10
Molybdenum Dissolved	mg/L Mo	ICP1	<0.02
Nickel Dissolved	mg/L Ni	ICP1	<0.02
<b>Chemical - Organic and Related Determinands</b>			
Organic Carbon Total	mg/L C	AAL5	2
<b>Microbiological Determinands</b>			
Bacteria, coliform, E. coli - Colilert®	MPN/100 ml	BL5	Not detected
Bacteria, coliform, total - Colilert®	MPN/100 ml	BL5	Not detected
Heterotrophic Plate Count	cfu/ml	BL1	9
Staphylococcus sp.**	count/contact plate	BL13-5	Not detected

Chemical analyses commenced on 2015-03-17 and completed on 2015-03-30.

Microbiological analyses commenced on 2015-03-16 and completed on 2015-03-19.

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J W D Pietersen:  (All methods)

Date of issue: 2015-04-06

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