



# OUTTSHOORN DRINKING WATER RESULTS

## September 2019

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Parameter	OUTTSHOORN										SANS 241
	Raubenheimer Dam	Bergoord youth centre	Church Str Reservoir	New East Reservoir	Westbank Reservoir	Old East Reservoir	Wastewater Lab	4 Van. Riebeck Str.	Bridgeton sports ground	Caves Retirement Village	
pH	7.05	6.33	6.55	6.45	7.12	6.41	6.88	6.78	6.51	6.37	5.0-9.5
Colour (mg/L Pt)	30	19	17	15	29	12	9	13	15	11	<20
Turbidity (NTu)	1.19	0.85	0.83	0.90	1.88	0.92	0.78	0.94	1.01	0.59	<1
Calcium (mg/L as CaCO <sub>3</sub> )					0						375
Magnesium (mg/L as CaCO <sub>3</sub> )					29						290
Total Hardness as mg/L CaCO <sub>3</sub>					29						-
Electrical Conductivity (mS/m)	20.30	2.09	7.85	7.89	8.26	8.17	8.05	7.95	7.85	7.93	<150
Iron (mg/L as Fe)	G/R	G/R	G/R	G/R	G/R	G/R	G/R	G/R	G/R	G/R	Aesthetic <0.3 Chronic health <2.0
Manganese (Mn)					0.022						0.1-1.0
Aluminium (mg/L as Al)			0.000								
Total chlorine (mg/L)		0.11	1.37	1.14	0.21	0.26	0.36	0.12	0.42	1.44	-
Free chlorine (mg/L)		0.08	1.11	0.91	0.11	0.25	0.27	0.10	0.40	1.31	-
Total Coliforms ( per/100mL)		2	0	0	0	0	0	0	0	0	<10
E. Coli ( per/100mL)		0	0	0	0	0	0	0	0	0	0

Sampled by: Sheldon Booyen  
 Date of sample: 03/09/2019  
 Date received in lab: 03/09/2019  
 Chemical Analysis by: Ilse-Ann Carlsen