



# OUTTSHOORN DRINKING WATER RESULTS

May 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. Riebeeck Str.	Bridgeton sports ground	Caves Retirement Village	
pH	6.70	7.12	6.67	6.55	6.81	6.62	6.79	6.82	6.68	6.39	5.0-9.5
Turbidity (NTu)	1.56	1.33	1.92	1.83	1.66	1.49	2.18	2.75	4.40	1.00	<1
Calcium (mg/L as CaCO <sub>3</sub> )					23						375
Magnesium (mg/L as CaCO <sub>3</sub> )					5						290
Total Hardness as mg/L CaCO <sub>3</sub>					28						-
Electrical Conductivity (mS/m)	14.63	2.02	7.91	8.19	8.06	8.33	8.44	8.07	8.05	7.99	<150
Iron (mg/L as Fe)	0.42	0.21	0.16	0.14	0.15	0.15	0.16	0.14	0.19	0.14	Aesthetic <0.3 Chronic health <2.0
Manganese (Mn)					0.020						0.1-1.0
Total chlorine (mg/L)		0.21	1.69	1.62	1.08	0.85	0.40	0.52	1.60	2.20	-
Free chlorine (mg/L)		0.16	1.27	1.28	0.99	0.83	0.32	0.48	1.31	2.20	-
Total Coliforms ( per/100mL)		68	0	21	0	0	0	0	0	0	<10
E. Coli ( per/100mL)		50	0	0	0	0	0	0	0	0	0

N/R = no reagent

Sampled by: Sheldon Booyen  
Date of sample: 07/05/2019  
Date received in lab: 07/05/2019  
Chemical Analysis by: Ilse-Ann Carlsen