



# OUTTSHOORN DRINKING WATER RESULTS

May 2020

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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	7.75	7.05	7.00	7.08	6.98	6.93	7.19	6.95	7.04	6.92	5.0-9.5
Colour (mg/L Pt)	56	14	3	11	14	2	19	12	15	15	<20
Turbidity (NTu)	1.62	0.76	0.56	1.02	0.78	0.79	1.36	0.77	0.95	0.83	<1
Calcium (mg/L as CaCO <sub>3</sub> )											375
Magnesium (mg/L as CaCO <sub>3</sub> )											290
Total Hardness as mg/L CaCO <sub>3</sub>											-
Electrical Conductivity (mS/m)	17.68	6.87	10.04	7.59	7.93	8.09	8.83	7.86	7.74	6.92	<150
Iron (mg/L as Fe)	0.37	0.12	0.07	0.15	0.12	0.12	0.15	0.13	0.16	0.11	Aesthetic <0.3 Chronic health <2.0
Manganese (Mn)					0.024						0.1-1.0
Aluminium (mg/L as Al)			0.000								
Total chlorine (mg/L)		0.05	0.24	0.20	0.16	0.54	0.15	0.20	0.35	0.18	-
Free chlorine (mg/L)		0.05	0.20	0.11	0.14	0.38	0.07	0.20	0.27	0.17	-
Total Coliforms ( per/100mL)		20	0	0	1	0	12	1	0	0	<10
E. Coli ( per/100mL)		4	0	0	0	0	0	0	0	0	0

Sampled by: Sheldon Booyesen  
 Date of sample: 08/05/2020  
 Date received in lab: 08/05/2020  
 Chemical Analysis by: Ilse-Ann Carlsen