



# OUTTSHOORN DRINKING WATER RESULTS

January 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	6.66	6.63	6.91	7.25	6.41	6.74	6.78	6.56	6.68	6.44	5.0-9.5
Colour (mg/L Pt)	73	21	86	77	31	92	79	25	70	106	<20
Turbidity (NTu)	2.49	0.44	7.58	6.94	1.55	9.89	6.24	1.21	5.63	9.94	<1
Calcium (mg/L as CaCO <sub>3</sub> )						20					375
Magnesium (mg/L as CaCO <sub>3</sub> )						4					290
Total Hardness as mg/L CaCO <sub>3</sub>						24					-
Electrical Conductivity (mS/m)	14.00	2.65	6.61	7.41	7.98	7.43	7.41	8.36	7.38	6.73	<150
Iron (mg/L as Fe)	0.39	0.09	0.21	0.18	0.11	0.21	0.16	0.11	0.18	0.23	Aesthetic <0.3 Chronic health <2.0
Manganese (Mn)					0.009						0.1-1.0
Aluminium (mg/L as Al)			0.006								
Total chlorine (mg/L)		0.18	0.29	0.39	0.48	0.35	0.44	0.30	0.30	0.50	-
Free chlorine (mg/L)		0.16	0.21	0.30	0.34	0.24	0.30	0.20	0.24	0.46	-
Total Coliforms ( per/100mL)		10	6	5	350	18	9	0	1	0	<10
E. Coli ( per/100mL)		0	0	0	0	0	0	0	0	0	0

Sampled by: Sheldon Booyesen  
 Date of sample: 28/01/2020  
 Date received in lab: 28/01/2020  
 Chemical Analysis by: Ilse-Ann Carlsen