



OUTTSHOORN DRINKING WATER RESULTS

February 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	7.02	6.88	6.72	6.98	7.54	7.35	7.29	7.15	7.06	7.11	5.0-9.5
Colour (mg/L Pt)	79	78	56	51	53	33	29	47	26	64	<20
Turbidity (NTu)	3.54	2.79	3.10	2.30	2.97	0.63	0.98	2.85	0.72	2.92	<1
Calcium (mg/L as CaCO ₃)					22						375
Magnesium (mg/L as CaCO ₃)					2						290
Total Hardness as mg/L CaCO ₃					24						-
Electrical Conductivity (mS/m)	2.44	2.61	7.57	7.56	7.50	8.11	7.82	7.38	7.88	7.39	<150
Iron (mg/L as Fe)	0.16	0.34	0.14	0.11	0.12	0.07	0.07	0.15	0.09	0.16	Aesthetic <0.3 Chronic health <2.0
Manganese (Mn)					0.043						0.1-1.0
Aluminium (mg/L as Al)			0.000								
Total chlorine (mg/L)		0.000	0.28	0.30	0.22	0.32	0.30	0.30	0.30	0.51	-
Free chlorine (mg/L)		0.00	0.20	0.24	0.16	0.28	0.20	0.20	0.20	0.31	-
Total Coliforms (per/100mL)		0	1	0	260	290	0	160	0	238	<10
E. Coli (per/100mL)		0	0	0	0	0	0	10	0	0	0

Sampled by: Sheldon Booyen
 Date of sample: 05/02/2019
 Date received in lab: 05/02/2019
 Chemical Analysis by: Ilse-Ann Carlsen