



# OUTTSHOORN DRINKING WATER RESULTS

## March 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	6.33	6.02	7.21	6.99	7.01	7.15	7.15	7.09	7.43	7.31	5.0-9.5
Colour (mg/L Pt)	25	63	11	48	15	14	12	9	9	7	<20
Turbidity (NTu)	1.18	4.01	0.77	4.58	0.53	0.68	0.58	0.68	1.12	0.71	<1
Calcium (mg/L as CaCO <sub>3</sub> )					23						375
Magnesium (mg/L as CaCO <sub>3</sub> )					3						290
Total Hardness as mg/L CaCO <sub>3</sub>					26						-
Electrical Conductivity (mS/m)	2.28	2.92	8.11	8.10	8.22	8.40	8.36	8.05	8.76	8.38	<150
Iron (mg/L as Fe)	N/R	N/R	0.09	N/R	0.08	0.07	0.07	0.08	0.07	0.08	Aesthetic <0.3 Chronic health <2.0
Manganese (Mn)					0.006						0.1-1.0
Total chlorine (mg/L)		0.37	0.59	0.29	0.21	0.23	0.26	0.14	0.56	0.38	-
Free chlorine (mg/L)		0.23	0.48	0.20	0.13	0.19	0.22	0.12	0.31	0.33	-
Total Coliforms ( per/100mL)		0	2900	3200	1300	0	110	930	1200	380	<10
<i>E. Coli</i> ( per/100mL)		0	0	0	0	0	0	0	0	0	0

N/R = no reagent

**Sampled by:** Sheldon Booysen  
**Date of sample:** 05/03/2019  
**Date received in lab:** 05/03/2019  
**Chemical Analysis by:** Ilse-Ann Carlsen