



# OUTTSHOORN DRINKING WATER RESULTS

January 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	6.30	5.94	6.60	6.27	5.56	6.62	6.87	6.53	6.30	6.27	5.0-9.5
Colour (mg/L Pt)	34	38	18	18	18	20	20	23	19	26	<20
Turbidity (NTu)	2.05	1.34	0.74	0.76	0.82	0.77	0.64	0.77	0.72	1.11	<1
Calcium (mg/L as CaCO <sub>3</sub> )						20					375
Magnesium (mg/L as CaCO <sub>3</sub> )						5					290
Total Hardness as mg/L CaCO <sub>3</sub>						25					-
Electrical Conductivity (mS/m)	2.20	2.25	7.17	7.16	7.37	8.49	7.91	7.21	7.23	7.33	<150
Iron (mg/L as Fe)	0.14	0.20	0.09	0.07	0.08	0.07	0.10	0.07	0.07	0.09	Aesthetic <0.3 Chronic health <2.0
Manganese (Mn)					0.010						0.1-1.0
Aluminium (mg/L as Al)			0.000								
Total chlorine (mg/L)		0.00	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)		560	0	0	0	0	0	0	0	0	<10
E. Coli ( per/100mL)		15	0	0	0	0	0	0	0	0	0

Sampled by: Sheldon Booyesen  
 Date of sample: 15/01/2019  
 Date received in lab: 16/01/2019  
 Chemical Analysis by: Ilse-Ann Carlsen