



OUTTSHOORN DRINKING WATER RESULTS

October 2019

MUNISIPALITEIT UMASIPALA MUNICIPALITY
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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	6.87	6.39	6.69	6.56	6.72	6.49	7.51	6.77	6.82	6.66	5.0-9.5
Colour (mg/L Pt)	48	13	16	15	19	17	13	18	12	12	<20
Turbidity (NTu)	2.33	0.54	0.99	1.04	1.29	0.86	1.00	1.24	1.00	0.95	<1
Calcium (mg/L as CaCO ₃)					0						375
Magnesium (mg/L as CaCO ₃)					33						290
Total Hardness as mg/L CaCO ₃					33						-
Electrical Conductivity (mS/m)	15.73	2.80	8.01	8.06	8.25	8.44	8.50	8.26	8.10	8.01	<150
Iron (mg/L as Fe)	G/R	G/R	G/R	G/R	G/R	G/R	G/R	G/R	G/R	G/R	Aesthetic <0.3 Chronic health <2.0
Manganese (Mn)					0.022						0.1-1.0
Aluminium (mg/L as Al)			G/R								
Total chlorine (mg/L)		0.05	1.47	1.49	1.00	1.20	1.20	1.00	1.20	0.97	-
Free chlorine (mg/L)		0.02	1.20	1.22	0.08	1.00	1.00	0.08	1.00	0.80	-
Total Coliforms (per/100mL)		10	0	0	0	0	0	0	0	0	<10
E. Coli (per/100mL)		1	0	0	0	0	0	0	0	0	0

Sampled by: Sheldon Booyen
 Date of sample: 01/10/2019
 Date received in lab: 01/10/2019
 Chemical Analysis by: Ilse-Ann Carlsen