



OUTTSHOORN DRINKING WATER RESULTS

December 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	6.80	6.78	6.82	6.56	6.67	6.36	6.51	6.74	6.49	7.09	5.0-9.5
Colour (mg/L Pt)	64	45	183	217	167	193	212	204	214	176	<20
Turbidity (NTu)	3.10	2.75	20.3	24.1	18.7	21.3	24.4	22.6	24.1	19.2	<1
Calcium (mg/L as CaCO ₃)					0						375
Magnesium (mg/L as CaCO ₃)					51						290
Total Hardness as mg/L CaCO ₃					51						-
Electrical Conductivity (mS/m)	17.32	2.28	6.69	6.69	7.84	6.97	7.46	8.16	6.80	6.68	<150
Iron (mg/L as Fe)	0.37	0.29	0.33	0.31	0.24	0.32	0.33	0.35	0.34	0.33	Aesthetic <0.3 Chronic health <2.0
Manganese (Mn)					0.030						0.1-1.0
Aluminium (mg/L as Al)			0.009								
Total chlorine (mg/L)		0.19	0.63	0.32	0.22	0.42	1.37	0.24	0.22	0.23	-
Free chlorine (mg/L)		0.11	0.62	0.28	0.11	0.21	1.14	0.22	0.20	0.17	-
Total Coliforms (per/100mL)		0	0	0	2	0	2	0	2	35	<10
E. Coli (per/100mL)		0	0	0	0	0	0	0	0	0	0

Sampled by: Sheldon Booyesen
 Date of sample: 03/12/2019
 Date received in lab: 03/12/2019
 Chemical Analysis by: Ilse-Ann Carlsen