OUDTSHOORN DRINKING WATER RESULTS

August 2020

MUNISIPALITEIT UMASIPALA MUNICIPALITY
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Parameter	OUDTSHOORN										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	7.17	6.09	7.12	7.30	7.13	7.64	7.01	7.10	7.30	7.13	**5.0-9.5**
Colour (mg/L Pt)	28	15	19	19	25	18	14	18	19	18	**<20**
Turbidity (NTu)	0.84	1.08	0.74	0.99	1.25	0.68	0.59	0.63	0.60	0.65	**<1**
Calcium (mg/L as $CaCO_3$)											**375**
Magnesium (mg/L as $CaCO_3$)											**290**
Total Hardness as mg/L $CaCO_3$											**-**
Electrical Conductivity (mS/m)	11.22	2.22	7.14	7.20	7.23	7.85	7.28	7.36	7.14	7.17	**<150**
Manganese (Mn)					0.016						**0.1-1.0**
Aluminium (mg/L as Al)			0.000								
Total chlorine (mg/L)		0.01	0.02	0.04	0.02	0.02	0.02	0.02	0.02	0.02	**-**
Free chlorine (mg/L)		0.01	0.02	0.04	0.02	0.02	0.02	0.02	0.02	0.02	**-**
Total Coliforms (per/100mL)		26	216	204	0	210	0	0	0	175	**<10**
***E. Coli* (per/100mL)**		1	0	0	0	0	0	0	0	0	**0**

Sampled by: Sheldon Booysen
Date of sample: 05/08/2020
Date received in lab: 05/08/2020
Chemical Analysis by: Ilse-Ann Carlsen