



OUTDSHOORN DRINKING WATER RESULTS

November 2019

MUNISIPALITEIT UMASIPALA MUNICIPALITY
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Parameter	OUTDSHOORN										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	6.53	6.23	6.61	6.70	6.37	6.91	6.81	6.46	6.87	6.29	5.0-9.5
Colour (mg/L Pt)	58	53	6	5	8	7	13	11	11	0	<20
Turbidity (NTu)	2.31	3.47	1.04	0.79	0.67	0.85	0.90	0.68	0.87	0.62	<1
Calcium (mg/L as CaCO ₃)					21						375
Magnesium (mg/L as CaCO ₃)					7						290
Total Hardness as mg/L CaCO ₃					28						-
Electrical Conductivity (mS/m)	20.83	2.27	7.76	7.92	7.77	8.18	8.40	7.74	7.85	7.76	<150
Iron (mg/L as Fe)	0.52	0.50	0.09	0.08	0.08	0.08	0.07	0.08	0.07	0.07	Aesthetic <0.3 Chronic health <2.0
Manganese (Mn)					0.007						0.1-1.0
Aluminium (mg/L as Al)			0.000								
Total chlorine (mg/L)		0.44	1.47	1.27	0.28	1.02	0.26	0.22	0.34	0.80	-
Free chlorine (mg/L)		0.27	1.18	1.13	0.24	0.86	0.24	0.20	0.28	0.74	-
Total Coliforms (per/100mL)		480	0	0	0	0	0	0	0	0	<10
E. Coli (per/100mL)		8	0	0	0	0	0	0	0	0	0

Sampled by: Sheldon Booyen
 Date of sample: 05/11/2019
 Date received in lab: 05/11/2019
 Chemical Analysis by: Ilse-Ann Carlsen