



OUTTSHOORN DRINKING WATER RESULTS

June 2019

MUNISIPALITEIT UMASIPALA MUNICIPALITY
Wes-Kaap Intshona-Koloni Western Cape

255 Oudtshoorn 6620 - Tel. (044) 2033000 - Fax: (044) 2033104 - Epos: post@oudtmun.co.za

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	6.76	6.52	6.70	6.73	6.53	6.72	6.73	6.69	6.93	6.39	5.0-9.5
Colour (mg/L Pt)	39	31	39	29	31	37	33	33	36	36	<20
Turbidity (NTU)	2.37	0.96	2.37	2.47	1.58	1.41	1.69	1.65	2.65	1.62	<1
Calcium (mg/L as CaCO ₃)					22						375
Magnesium (mg/L as CaCO ₃)					8						290
Total Hardness as mg/L CaCO ₃					30						-
Electrical Conductivity (mS/m)	22.5	2.03	8.03	8.09	8.16	8.37	8.35	7.82	8.05	7.63	<150
Iron (mg/L as Fe)	0.33	0.19	0.28	0.27	0.25	0.24	0.24	0.25	0.25	0.24	Aesthetic <0.3 Chronic health <2.0
Manganese (Mn)					0.028						0.1-1.0
Aluminium (mg/L as Al)			0.000								
Total chlorine (mg/L)		0.57	0.73	0.95	0.19	0.42	0.42	0.24	0.44	0.63	-
Free chlorine (mg/L)		0.27	0.46	0.65	0.06	0.32	0.20	0.20	0.40	0.47	-
Total Coliforms (per/100mL)		52	0	0	0	0	0	0	0	0	<10
E. Coli (per/100mL)		21	0	0	0	0	0	0	0	0	0

Sampled by: Sheldon Booyens
 Date of sample: 05/06/2019
 Date received in lab: 05/06/2019
 Chemical Analysis by: Ilse-Ann Carlsen