

**ANALYSIS REPORT
DRINKING WATER: OUDTSHOORN, DE RUST, DYSELSDORP**

Month: May 2013

Determinand	Risk	OUDTSHOORN										DYSELSDORP		DE RUST			SANS 241
		Bergend Ruiswiler Dam	Bergend Jugpuntum	Kerk Str Reservoir	Nuwe Oos	Wesbank	Ou Oos	Rooiweke Lab	Van. Reibeek Str. 4	Brigeton Grond	Cavez Altree Dord	Rooiweke Kraan	Munisipale Kantoor	Rou Water	Bloemek Alwyn str. 114	Munisipale Kantoor	
pH	Operational	5.46	5.62	6	6.35	6.32	6.25	6.33	6.29	6.38	6.33	6.81	7.41	7.92	7.73	7.67	5.0-9.5
Colour (mg/L Pt-Co)	Aesthetic	19	<5	<5	20	6	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<20
Turbidity (NTU)	Operational Aesthetic	2.31	1.49	1.35	1.77	1.24	1.24	0.98	1.06	1.33	1.24	0.46	0.46	1.47	1.26	1.07	<1
Calcium (mg/L as CaCO ₃)	Operational Aesthetic					15						49				5	375
Magnesium (mg/L as CaCO ₃)	Operational Aesthetic					6						22				6	290
Total Hardness (mg/L as CaCO ₃)	Operational Aesthetic					21						71				11	-
Conductivity (mS/m)	Aesthetic	4	5	5	6	5	5	6	5	5	5	29	30	2	3	3	<150
Iron (mg/L as Fe)	Chronic Health Aesthetic	0.10	0.12	0.19	0.65	0.13	0.14	0.20	0.15	0.11	0.13	0.00	0	0.11	0.10	0.03	<0.2
Aluminium (mg/L as Al)	Operational Aesthetic			0.008									0.005			0.004	<0.3
Manganese (mg/L as Mn)	Chronic Health Aesthetic					0.016							0.013			0.003	<0.1
Total chlorine (mg/L)	Chronic Health Aesthetic		0.96	0.26	0.00	0.38	0.69	0.10	0.07	0.28	1.24	0.30	0.32		0.69	0.04	-
Free chlorine (mg/L)	Chronic Health Aesthetic		0.78	0.14	0.00	0.24	0.50	0.02	0.04	0.19	1.22	0.25	0.25		0.57	0.03	-
Total coliforms (per 100ml)	Operational Health	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E.Coli (per 100ml)	Operational Health	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

E.Coli & Total coliforms by: Klein Karoo Laboratory

Chemical analyses by: Weskaap Laboratorium Dienste SABS Lab Kode. B211 : Z Score 1.71