



## Drinking Water Quality / Drinkwaterkwaliteit

### April 2024 - November 2024

Description of test Beskrywing van toets	Unit Eenheid	Standard Standaard as per SANS 0241	Average test results for potable water test samples at: Gemiddelde toetsresultate van drinkwatermonsters vir:								
			Buffelsrivier (Rooi Els, Pringlebaai, en Bettysbaai)	Kleinmond	Hermanus	Stanford	Gansbaai	De Kelders	Pearly Beach	Baardskeerdersbos	Buffelsjagsbaai
pH	pH units	≥ 5 to ≤ 9,7	6,0	6,7	7,2	7,5	6,9	7,3	7,2	9,0	7,6
Electrical conductivity Elektriese geleidingsvermoë	mS/m	≤ 170	11	16	45	49	49	42	47	65	160
Turbidity Troebelheid	NTU	≤ 1	0,7	0,3	0,6	0,6	0,6	0,3	0,9	0,4	0,3
Colour Kleur	mg/l as Pt-Co	≤ 15	10	10	10	10	10	10	10	10	10
Iron Yster	µg/l as Fe	≤ 300	20	20	20	-	20	-	39	20	20
Manganese Mangaan	µg/l as Mn	≤ 100	-	-	20	-	-	-	-	98	-
Aluminium Aluminium	µg/l as Al	≤ 300	56	19	43	-	97	-	130	-	-
E.coli E.coli	Count/100ml	0	0	0	0	0	0	0	0	0	0
Total Hardness Totale Hardheid	mg/l as CaCO <sub>3</sub>	-	9	25	45	130	56	85	60	30	339

Die Departement van Water & Sanitasie (DWS) beveel aan dat munisipaliteite van tyd tot tyd inligting ten opsigte van die gehalte van drinkwater publiseer.

Waterkwaliteit word teenoor die Suid-Afrikaanse Nasionale Standaard (SANS) se kode 0241 vir drinkwater gemeet.

Op die tabel hiernaas is die resultate vir die tydperk van April 2024 tot November 2024 se waterkwaliteit-metings vir Overstrand se nege water-aanlegte. Watermonsters word maandeliks deur 'n geakkrediteerde laboratoria geneem waar verskillende bakteriologiese, chemiese en fisiese parameters gemeet word.

Daaruit blyk dit dat ons waterkwaliteit van hoogstaande gehalte is, met 100% van die gemiddelde resultate wat aan die Suid-Afrikaanse Nasionale Standaard (SANS) se kode 0241 vir drinkwater voldoen.

In gevalle waar die toetsresultate van die finale drinkwater nie voldoen aan SANS 0241 nie, word daar regstellings by die watersuiweringsaanleg en in die water netwerk gedoen. Die finale drinkwater word dan weer getoets om te verseker dat alle parameters wel aan SANS 0241 voldoen.

#### **WATER QUALITY AT MUNICIPAL WATER SCHEMES**

The Department of Water & Sanitation (DWS) recommends that municipalities periodically publish information on the quality of drinking water supplied to consumers.

Water quality is measured against Code 0241 as set by the South African National Standards (SANS) for drinking water.

On the accompanying drinking water quality table the average scores attained by Overstrand Municipality's nine water treatment plants from April 2024 to November 2024 can be seen. Water samples are collected monthly by an accredited laboratory where different bacteriological, chemical and physical parameters are measured.

Overstrand Municipality's water quality is of an outstanding quality, with 100% of the average results complying with Code 0241 as set by the South African National Standards (SANS) for drinking water.