

# WEES INGELIG OOR WATERKWALITEIT

## WATER QUALITY AT MUNICIPAL SCHEMES

### UMGANGATHO WAMANZI KWIZIKIM ZIKAMASIPALA



DRINKING WATER QUALITY: OCTOBER 2021 – MARCH 2022 | DRINKWATERKWALITEIT: OKTOBER 2021 – MAART 2022  
UMGANGATHO WAMANZI OKUSELA: OKTOBHA 2021 – MATSHI 2022

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:								
			BR	KM	HM	SF	GB	DK	PB	BB	BJB
pH	(pH) units	≥ 5 to ≤ 9,7	7,0	8,1	7,6	7,5	7,5	7,5	7,6	9,6	7,6
Electrical conductivity Elektriese geleidingsvermoë	mS/m	≤ 170	13	14	39	45	53	73	46	75	162
Turbidity • Troebelheid	NTU	≤ 1	0,4	0,4	0,3	0,6	0,5	0,3	0,3	0,8	0,3
Colour • Kleur	mg/l as Pt-Co	≤ 15	10	10	10	10	10	10	15	12	10
Iron • Yster	µg/l as Fe	≤ 300	26	20	23	-	20	-	56	44	20
Manganese • Mangaan	µg/l as Mn	≤ 100	-	-	17	-	-	-	-	13	-
Aluminium	µg/l as Al	≤ 300	93	79	143	-	62	-	75	-	-
E.coli • E.coli	Count/100m <sup>l</sup>	0	00	0	0	0	0	0	0	0	0
Total Hardness • Totale Hardheid	MG/LAS CaCO <sub>3</sub>	-	16	19	35	126	62	159	70	31	313

**BR:** Buffelsrivier | **KM:** Kleinmond | **HM:** Hermanus | **SF:** Stanford | **GB:** Gansbaai | **DK:** De Kelders | **PB:** Pearly Beach | **BB:** Baardsekerdersbos | **BJB:** Buffeljagsbaai

#### 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 October 2021 to March 2022 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.

When the drinking water quality does not comply with SANS 0241, corrections are made at the water purification works and in the reticulation network if applicable. The drinking water quality is then retested against the SANS 0241 limits for compliance.

#### WEES INGELIG OOR WATERKWALITEIT

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 Standaarde (SANS) se kode 0241 vir drinkwater gemeet.

Op die tabel hiernaas is die resultate vir die tydperk van Oktober 2021 tot Maart 2022 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 Standaarde (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 watersuiweringaanleg en in die water netwerk gedoen. Die finale drinkwater word dan weer getoets om te verseker dat alle parameters wel aan SANS 0241 voldoen.

#### UMGANGATHO WAMANZI KWIZIKIM ZIKAMASIPALA

ISebe leZamanzi (DWA) lindulula ukuba amaxesha ngamaxesha oomasipala mabazazise iinkukacha zomgangatho wamanzi okusela ababonelela ngawo abantu.

Umgangatho wamanzi umetwa ngekhawudi 0241 ebekwe yi-South African National Standards (SANS) yamanzi okusela.

Kule theyibhuli ihamba nolu xwebhu kukho umdilili wamanqaku omgangatho wamanzi ofikelelwe ngumasipala weOverstrand kwizikim ezilithoba kwezi nyanga ukusuka kuOkthobha ukuya kuMatshi 2022 ezingabonwa. Kuthatha iintwana zamanzi kwiindawo ezingama-56 zithunyelwe kumaziko ovavanyo-manzi.

Umgangatho wamanzi kamasipala weOverstrand uphezulu kakhulu, ukumdilili wama-100% kwiziphumo zomndilili othobela iKhowudi 0241 njengoko imiselwe yiMigangatho yeSizwe yaseMzantsi Afrika (SANS) yamanzi okusela.

Xa umgangatho wamanzi okusela unghambelani ne-SANS 0241, ulungiso luyenziwa kwiindawo zokucocwa kwamanzi kunye nakuthungelwano lothungelwano ukuba luyasebenza. Ubulunga bamanzi okusela buphinda buvavanywe ngokuchasene nemida yeSANS 0241 ukuthotyelwa.



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**Xelela izihlobo: Zakho ukuba iOverstrand ikunika kangangoko inako**