

WEES INGELIG OOR WATERKWALITEIT

WATER QUALITY AT MUNICIPAL SCHEMES

UMGANGATHO WAMANZI KWIZIKIM ZIKAMASIPALA



DRINKING WATER QUALITY: APRIL - SEPTEMBER 2021 | DRINKWATERKWALITEIT: APRIL - SEPTEMBER 2021
UMGANGATHO WAMANZI OKUSELA: EPRELI-SEPTEMBER 2021

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 BESKRYWING VAN TOETSDRINKWATERMONSTERS VIR:								
			BR	KM	HM	SF	GB	DK	PB	BB	BJB
pH	(pH) units	≥ 5 to ≤ 9,7	6,4	8,6	6,9	7,6	6,6	7,0	7,2	9,4	7,6
Electrical conductivity Elektriese geleidingsvermoë	mS/m	≤ 170	13,1	20,8	39,2	45,7	56,2	41,2	47,9	70,6	167,0
Turbidity • Troebelheid	NTU	≤ 1	0,6	0,5	0,6	0,4	0,6	0,3	0,4	0,4	0,3
Colour • Kleur	mg/l as Pt-Co	≤ 15	10,0	10,2	10,0	10,0	10,0	10,0	10,0	10,2	10,0
Iron • Yster	µg/l as Fe	≤ 300	59,8	65,5	20,4	-	20,0	-	21,8	20,0	20,0
Manganese • Mangaan	µg/l as Mn	≤ 100	-	-	34,4	-	-	-	-	21,6	-
Aluminium	µg/l as Al	≤ 300	162,0	114,5	94,6	-	219,7	-	82,0	-	-
E.coli • E.coli	Count/100m ^l	0	0	0	0	0	0	0	0	0	0
Total Hardness • Totale Hardheid	MG/LAS CaCO ₃	-	18	25,5	41,6	125,7	65,9	78,1	73,2	31,1	316,5

BR: Buffelsrivier | KM: Kleinmond | HM: Hermanus | SF: Stanford | GB: Gansbaai | DK: De Kelders | PB: Pearly Beach | BB: Baardsekeerdersbos | 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 April 2021 to September 2021 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 Standaard (SANS) se kode 0241 vir drinkwater gemeet.

Op die tabel hiernaas is die resultate vir die tydperk van April 2021 tot September 2021 se waterkwaliteitsmetings 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.

UMGANGATHO WAMANZI KWIZIKIM ZIKAMASIPALA

Isebe leZamanzi (DWA) lindulula ukuba amaxesha ngamaxesha oomasipala mabazazise iinkcukacha zomgangatho wamanzi okusela ababonelela ngawo abantu nomgangatho wamanzi amdaka.

Umgangatho wamanzi umetwa ngekhawudi 0241 ebekwe yi-South African National Standards (SANS) yamanzi okusela. Inqanaba I leSANS lingathatyathwa njengelona lifanelekileyo lamanzi okusela, kanti iSANS Class II ngamanzi angathatyathwa njengakufaneleyo ukuselwa ngabantu kodwa kwaziswe ukuba ngamanzi aza kufuna ingqwalasela emva kwexesha elide.

Kule theyibhuli ihamba nolu xwebhu kukho umdilili wamanqaku omgangatho wamanzi ofikelelwe ngumasipala weOverstrand kwizikim ezisibhozo kwezi nyanga zine zidlulileyo. Kuthatha iintwana zamanzi kwiindawo ezingama-56 zithunyelwe kumaziko ovavanyo-manzi. Qho kuxilongwa iibhakteriya ezahlukeneyo ezilishumi elinesithathu, imilinganiselo yekhemikhali nefizikhali.

Umgangatho wamanzi kamasipala weOverstrand uphezulu kakhulu, ukumdilili wama-100% eziphuma ezihambelana no-Class I standards, isi-3% esongezelelayo ku-Class II, aphume nge-2% kuphela kwinqanaba uClass II. Uphuculo olucetywayo okanye osele luqhuba luquka iziko lococo-manzi iPreekstoel eHermanus, indawo entsha yococo-manzi eBaardsekeerdersbos nokuqeshwa kwamaqula amatsha eHermanus.

Xa umgangatho wamanzi okusela ungangambelani neSANS 0241, oko kuyalungiswa kumaziko ococo-manzi. Emva koko amanzi aphinda axilongwe kujongwa kwiSANS 0241 ukuba ayahambelana na nayo. Itheyibhuli yomgangatho wamanzi iquka onke amanzi ebecatshulwe aza axilongwa kuqukwa namasuntswana abengahambelananga neSANS 0241 kwithuba leenyanga ezine.



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Xelela izihlobo: Zakho ukuba iOverstrand ikunika kangangoko inako