OVERSTRAND
Munisipaliteit • U-Masipala • Municipality

GEHALTE VAN BEHANDELDE RIOOLWATER-UITVLOEISEL
October 2023 – March 2024

WASTE WATER EFFLUENT QUALITY AT MUNICIPAL SCHEMES
Oktober 2023 – Maart 2024

UMGANGATHO WAMANZI KWIZIKIM ZIKAMASIPALA
Oktobha 2023 – Matshi 2024

DESCRIPTION OF TEST BESKRYWING VAN TOETS	UNIT EENHEID	DWS GENERAL AUTHORISATION STANDARDS	AVERAGE TEST RESULTS FOR FINAL EFFLUENT TEST SAMPLES AT: / GEHALTE VAN FINALE UITVLOEISEL BY RIOOLSUIWERINGSWERKE:						Hermanus Permit Authorisation Standards
			PEARLY BEACH	GANSB AAI	HAWSTON	STANFORD	KLEINMOND	HERMANUS	
pH	(pH)	5.5-9.5	9,6	6,8	7,6	7,6	7,5	7,2	5.5-9.5
Electrical conductivity Elektriese geleidingsvermoë	(mS/m)	150	153	123	156	136	115	152	5000
Faecal coliform bacteria Fekale koliforme bakterie	(count/100ml)	1000	8	233	123	258	133	340	1000
Chemical oxygen demand Chemiese suurstofvraag	(mg/l)	75 Max	266	55	80	33	209	55	75 Max
Ammonia nitrogen Ammoniakstikstof	(mg/l as N)	6 Max	1	1	18	1	55	6	7 Max
Nitrate nitrogen Nitraatstikstof	(mg/l as N)	15 Max	1,8	8,4	1,4	5,4	1,1	2,1	17 Max
Nitrite nitrogen Nitrietstikstof	(mg/l as N)	15 Max	0,4	0,8	0,6	0,1	0,1	1,4	17 Max
Total suspended solids Totale swewende vaste stowwe	(mg/l)	25 Max	117	2	10	2	39	3	25 Max
Ortho-phosphate Orto-fosfaat	(mg/l as P)	10 Max	1	5	8	3	10	4	10 Max

(Applicable to all WWTW's except Hermanus)

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

Waste water effluent quality is measured against standards as set by DWS, which are classified as either General Standards, or Special Standards.

The table for waste water effluent quality illustrates Overstrand Municipality's average effluent quality parameter measurements at the six treatment plants over the past six months. Samples are taken for analysis on a monthly basis by accredited laboratories.

Overstrand Munisipality's final waste water effluent quality complies 82% overall.

When the final effluent quality does not comply with the General Standards, corrections are made at the treatment works. The final effluent quality is then re-tested against the General Standards for compliance.

GEHALTE VAN BEHANDELDE RIOOLWATER-UITVLOEISEL

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

Die gehalte van die finale rioolwerke-uitvloeisel word gemeet teen standaarde wat deur DWS gestel word, welke standaarde as òf Algemene Standaarde òf Spesiale Standaarde geklassifiseer word.

Die tabel hierbo illustreer die gemiddelde metings by Munisipaliteit Overstrand se ses suiweringsaanlegte teenoor parameters wat vir die gehalte van uitvloeisel gestel word oor die afgelope ses maande, vergeleke met die DWS se Standaarde. Monsters word op 'n maandelikse basis vir ontleding deur geakkrediteerde laboratoria geneem.

In Munisipaliteit Overstrand voldoen die gehalte van die finale uitvloeisel van vuilwater in 82% van die gevalle.

In gevalle waar die toets resultate van die finale uitvloeiselmonster nie voldoen aan die standaard nie, word daar regstellings by die werke gedoen. Die afloopwater word dan weer getoets om te verseker dat alle parameters aan die standaard voldoen.

UMGANGATHO WAMANZI KWIZIKIM ZIKAMASIPALA

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

Amanzi amdaka axilongwa ngokwamanqanaba abekwe nguDWA, achazwa njenge-General Standards, okanye i-Special Standards.

Itheyibhuli yokunyangwa kwamanzi amdaka ibonakalisa umndilili womgangatho wamanzi nezikhokelo kumaziko ama-6 kaMasipala weOverstrand kwiinyanga ezi-6. Kuthatyathwa amanzana athunyelwe kumaziko okuxilonga amanzi abhalisiweyo.

Umgangatho wamanzi kaMasipala weOverstrand uhambelana neGeneral Standard kuma-82% omndilili wemilinganiselo.

Xa amanzi okugqibela engahambelani neGeneral Standards, kulungiswa kumaziko onyango-manzi. Aphinda axilongwe kujongwe ukuba ayahambelana na neGeneral Standards. Itheyibhuli yala manzi iquka onke amanzana axilongiweyo, kuquka nalawo ebengahambelananga neGeneral Standards.

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Xelela izihlobo: Zakho ukuba iOverstrand ikunika kangangoko inako

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