

GEHALTE VAN BEHANDELDE RIOOLWATER-UITVLOEISEL

WASTE WATER EFFLUENT QUALITY AT MUNICIPAL SCHEMES

UMGANGATHO WONGCOLISEKO LWAMANZI KWIZIKIM ZIKAMASIPALA

OKTOBER 2016 - MAART 2017 | OCTOBER 2016 - MARCH 2017 | OKTHOBHA 2016 - MATSHI 2017

DESCRIPTION OF TEST BESKRYWING VAN TOETS	UNIT EENHEID	DWS GENERAL AUTHORI- SATION STANDARDS*	Average test results for final effluent test samples at: Gemiddelde toetsresultate van finale uitvloeiselmonsters vir:					Hermanus Permit Authori- sation Standards
			Gansbaai	Hawston	Stanford	Kleinmond	Hermanus	
pH	(pH)	5.5 - 9.5	7.2	8.2	7.4	7.5	7.4	5.5-9.5
ELECTRICAL CONDUCTIVITY ELEKRIESE GELEIDINGSVERMOË	(mS/m)	150	119.1	154.7	126.3	94.2	212.0	5000
FAECAL COLIFORM BACTERIA FEKALE KOLIFORME BAKTERIE	(count/100mℓ)	1000	403	23	561.2	317.7	156.8	1000
CHEMICAL OXYGEN DEMAND CHEMIESE SUURSTOFVRAAG	(mg/ℓ)	75 Max	43.6	76.9	66.2	51	50.1	75 Max
AMMONIA NITROGEN AMMONIAKSTIKSTOF	(mg/ℓ as N)	6 Max	0.4	25	1.3	10.9	3.6	7 Max
NITRATE NITROGEN • NITRAATSTIKSTOF	(mg/ℓ as N)	15 Max	9.7	0.9	9.5	2.6	2.3	17 Max
NITRITE NITROGEN • NITRIETSTIKSTOF	(mg/ℓ as N)	15 Max	0.2	0.2	0.2	0.4	0.4	17 Max
TOTAL SUSPENDED SOLIDS TOTALE SWEWENDE VASTE STOWWE	(mg/ℓ)	25 Max	8	17.5	16	9.5	5.8	25 Max
ORTHO-PHOSPHATE • ORTO-FOSFAAT	(mg/ℓ as P)	10 Max	5.1	5.2	5.9	4.6	3.5	10 Max

*Applicable to all WWTW's except Hermanus

Die Departement van Water & Sanitasie (DWS) beveil 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 standarde wat deur DWS gestel word, welke standarde as of Algemene Standarde of Spesiale Standarde geklassifiseer word.

Die tabel hierbo illustreer die gemiddelde metings by Munisipaliteit Overstrand se vyf suiweringsaanlegte teenoor parameters wat vir die gehalte van uitvloeisel gestel word in oor die afgelope ses maande, vergeleke met die DWS se Standarde. 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 91% 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.

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 5 treatment plants over the past six months. Samples are taken for analysis on a monthly basis by accredited laboratories.

Overstrand Municipality final waste water effluent quality complies 91% 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.

Isebe leZamanzi kunye nococeko (DWS) lindulula ukuba amaxesha ngamaxesha oomasipala mabazazise iinkukacha zomgangatho wamanzi okusela ababonelela ngawo abantu nomgangatho wongcoliseko lwamanzi.

Amanzi okugqibela amanzi amdaka axilongwa ngokwamanqanaba abekwe nguDWS, achazwa njenge-General Standards, okanye i-Special Standards.

Ittheyibhuli yokunyangwa kongcoliseko lwamanzi ibonakalisa umndilili womgangatho wamanzi nezikhokelo kumaziko ama-5 kaMasipala weOverstrand kwiinyanga ezi-Ntandathu Kuthatyathwa amanzana athunyelwe kumaziko okuxilonga amanzi abhalisiweyo.

Umgangatho wamanzi kaMasipala weOverstrand uhambelana neGeneral Standard kuma-91% omndilili wemilinganiselo.

Xa amanzi okugqibela engahambelani neGeneral Standards, kulungiswa kumaziko onyango-manzi. Aphinda axilongwe kujongwe ukuba ayahambelana na neGeneral Standards.