

EMAKHAZENI LOCAL MUNICIPALITY
Certificate of Waste Water Analysis - Sewage Purification Works

Our Ref: LME / 315 - 320 / H / 08 / 18

Date Received: 23 August 2018

Date Reported: 29 August 2018

DULLSTROOM SEWERWORKS DS9/8/18		H 316	
ANALYSIS RESULTS mg/l	TEST METHOD	Final Treated	General Standards
Total Dissolved Solids	LPM 2	188	
Suspended Solids	LPM 1	77,2	25
Settleable Solids ml/l	LPM 3	<0.20	
Conductivity in mS/m	LPM 4	45,3	Intake + 70-150
4 Hours Oxygen Absorbed	LPM 25	17,9	< 10
Chemical Oxygen Demand	LPM 6	151	< 75
Free and Saline Ammonia as N	LPM 76	24,0	< 6
Nitrate - NO ₃ as N	LPM 76	<0.1	< 15
Nitrite - NO ₂ as N	LPM 76	<0.1	
Ortho - Phosphate PO ₄ as P	LPM 76	2,77	< 10
Chlorides as Cl	LPM 76	38,6	
Total Alkalinity as CaCO ₃	LPM 11/81	135	
pH - Value at 25°C (pH Units)	LPM 51/82	7,19	5.5 - 9.5
Sodium as Na	LPM 15	28,0	
Potassium as K	LPM 15	6,45	
Sulphate as SO ₄	LPM 76	18,4	
Residual Chlorine as Cl ₂ *	LPM 84	<0.1	0,25
Faecal Coliform / 100 ml	LPM 41	Nil	1000/100ml

Tests marked with an asterisk * are not SANAS accredited.

These results are related only to the items tested.

These results must be read in conjunction with the Uncertainty of Measurement list provided by Regen Waters



P.L.G UYS (M.D.)

Technical Signatory