

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

 P.O. BOX 17
 BELFAST
 1100

Our Ref: EMA / 331 - 332 / E / 05 / 18

Attention: MARIANNE JOUBERT

FINAL

Lab No:

E 332

ANALYSIS RESULTS mg/l	TEST METHOD	Emthonjeni Sewer Final	General Standards
		MH 13/5/18	
DATE RECEIVED :		31 May 18	Gazette No: 36820
DATE REPORTED :		11 Jun 18	
Total Dissolved Solids	LPM 2	238	
Suspended Solids	LPM 1	97,6	25
Settleable Solids ml/l	LPM 3	10,0	
Conductivity mS/m	LPM 51/82	41,6	Intake + 70-150
4 Hours Oxygen Absorbed	LPM 25	17,2	
Chemical Oxygen Demand	LPM 6	113	< 75
Free and Saline Ammonia as N	LPM 29/76	7,17	< 6
Nitrate - NO₃ as N	LPM 32/76	1,79	< 15
Nitrite - NO₂ as N	LPM 32/76	0,74	
Ortho - Phosphate PO₄ as P	LPM 33/76	2,55	< 10
Chlorides as Cl	LPM 30/76	31,2	
Total Alkalinity as CaCO₃	LPM 11/81	118	
pH - Value at 25°C (pH units)	LPM 51/81	7,65	5.5 - 9.5
Sodium as Na	LPM 15	35,9	
Potassium as K	LPM 15	9,04	
Sulphate as SO₄	LPM 28/76	32,6	
Residual Chlorine as Cl₂ *	LPM 84	<0.1	0,25
Faecal Coliform / 100ml	LPM 59	30	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

VALUES HIGHLIGHTED IN GREY ARE NOT WITHIN THE (GAZETTE 20526) GENERAL LIMITS AS SPECIFIED



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



CK. 89/14418/23

REGEN WATERS
LABORATORY • LABORATORIUM

4 Woltemade Street
P.O. Box 8328
WITBANK 1035
Tel.: 013-690-1487
Fax: 013-656-5050
E-mail: regenlab@mweb.co.za

Technical Signatory