

**EMAKHAZENI LOCAL MUNICIPALITY**  
**Certificate of Waste Water Analysis - Sewage Purification Works**  
**CERTIFICATE OF ANALYSIS FOR WASTE WATER AND EFFLUENTS**

Date received : 22 November 2018  
 Date reported : 28 November 2018  
 Quantity Analyzed: 3

Our Ref: ELM / 319 - 321 / C / 11 / 18
Att : MRS. MARIANNE JOUBERT

Lab No:

C 321

ANALYSIS RESULTS mg /l	LPM METHOD	LEEUSPRUIT RIVER
		EMH6/11/18
		Before Sewer Works
Total Dissolved Solids	LPM 2	168
Suspended Solids	LPM 1	19,6
Conductivity in mSm	LPM 51/82	26,4
Chemical Oxygen Demand	LPM 6/83	18
Free and Saline Ammonia as N	LPM 29/76	<0.20
Nitrate NO <sub>3</sub> as N	LPM 32/76	0,21
Nitrite NO <sub>2</sub> as N	LPM 32/76	<0.1
Ortho -Phosphate PO <sub>4</sub> as P	LPM 33/76	<0.1
Chlorides as Cl	LPM 30/76	9,30
Total Alkalinity as CaCO <sub>3</sub>	LPM 11/81	111
pH Value at 25°C (pH Units)	LPM 51/82	8,10

All heavy metal analyses have been performed on filtered samples.  
 Tests marked with an asterisk \* are not SANAS accredited  
 These results are related only to the items tested

P.L.G. UYS / A.KOHRIS  
 Technical Signatory  
 (A signed copy of this report is available)