

EMAKHAZENI LOCAL MUNICIPALITY
CERTIFICATE OF ANALYSIS FOR WASTE-WATER AND EFFLUENTS

 Date Received: 5 December 2018
 Date Reported: 12 December 2018
 Quantity Analyzed: 16

 Our Ref: ELM / 327 - 342 / E / 12 / 18
 Att : Marianne Joubert

LEEUWSPRUIT RIVER

ANALYSIS RESULTS mg / l	LPM METHOD	E 341	E 342
		EMH 6/12/18	EMH 13/12/18
		Before Sewer Works	After Sewer Works
<i>Total Dissolved Solids</i>	LPM 2	190	206
<i>Suspended Solids</i>	LPM 1	2,8	22,4
<i>Conductivity in mS/m</i>	LPM 51/82	26,3	29,0
<i>Chemical Oxygen Demand</i>	LPM 6	<10	<10
<i>Free and Saline Ammonia as N</i>	LPM 76	<0.20	0,27
<i>Nitrate NO₃ as N</i>	LPM 76	0,14	0,27
<i>Nitrite NO₂ as N</i>	LPM 76	<0.1	<0.1
<i>Ortho -Phosphate PO₄ as P</i>	LPM 76	<0.1	0,39
<i>Chlorides as Cl</i>	LPM 76	8,68	11,0
<i>Total Alkalinity as CaCO₃</i>	LPM 11/81	119	132
<i>pH Value at 25°C (pH Units)</i>	LPM 51/82	8,55	8,39

*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.KOHR
Technical Signatory
 (A signed copy of this report is available)