

EMAKHAZENI LOCAL MUNICIPALITY

CERTIFICATE OF ANALYSIS FOR WASTE-WATER AND EFFLUENTS

Date Received: 29 October 2018
 Date Reported: 2 November 2018
 Quantity Analyzed: 5

Our Ref: ELM/14 - 18/1/10/18
 Att : Marianne Joubert

ELANDSRIVER

Lab No:

I 17

I 18

ANALYSIS RESULTS mg /l	LPM METHOD	EWB27/10/18	EWB29/10/18
		Before Sewer Works	After Sewer Works
<i>Total Dissolved Solids</i>	LPM 2	124	136
<i>Suspended Solids</i>	LPM 1	<0.4	<0.4
<i>Conductivity in mSm</i>	LPM 51/82	20,4	21,2
<i>Chemical Oxygen Demand</i>	LPM 6	<10	12
<i>Free and Saline Ammonia as N</i>	LPM 76	<0.20	<0.20
<i>Nitrate NO₃ as N</i>	LPM 76	0,29	0,40
<i>Nitrite NO₂ as N</i>	LPM 76	<0.1	<0.1
<i>Ortho -Phosphate PO₄ as P</i>	LPM 76	<0.1	<0.1
<i>Chlorides as Cl</i>	LPM 76	9,32	10,9
<i>Total Alkalinity as CaCO₃</i>	LPM 11/81	95	96
<i>pH Value at 25°C (pH Units)</i>	LPM 51/82	8,04	7,94

*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