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# Certificate of Analysis

**SWARTLAND MUNICIPALITY**  
**Swartland Municipality Final Effluent**  
**Final Effluent ex Kalbaskraal**

**DATE SAMPLED :** 2016/12/14  
**DATE RECEIVED :** 2016/12/19  
**DATE ANALYSIS COMMENCED :** 2016/12/19

**OUR REF. :** 2016/12/14/29024  
**REPORT NO. :** 5923

	Sample Number	29024	
Mthd ALA No.	Analyses	Results	General Limit (Full)
19	pH (at 25 °C)	6.79	5.5-9.5
9	Conductivity (mS/m) (at 25 °C)	148	70.0 Above Intake - 150 Max
2	Chemical Oxygen Demand (mg/l)	723	75.0 After Removal of Algae
95	Ammonia Nitrogen (mg/l as N)	48.1	6.0
2	Chemical Oxygen Demand ( Filtered) (mg/l)	568	75.0
100	Nitrate Nitrogen. (mg/l as N)	<0.20	15.0 (sum of NO <sub>2</sub> & NO <sub>3</sub> -N)
99	Nitrite Nitrogen (mg/l as N)	<0.20	15.0 (sum of NO <sub>2</sub> & NO <sub>3</sub> -N)
6A	Total Suspended Solids (mg/l)	336	25
101	Ortho Phosphate (mg/l as P)	13.8	10.0
86	Faecal Coliforms (count per 100 ml)	>2419	1000

N. VAN BINSBERGEN ( Pr.Sci.Nat.)  
 DIRECTOR  
 21 December 2016

TO: SWARTLAND MUNICIPALITY  
 P O Box 52  
 MALMESBURY  
 7300

Att: MR L. ZIKMAN

Sampler: E. Basson

*This report relates only to the samples tested and is issued subject to the company's standard terms and conditions of business.*